

# BERTA RICCARDO

## Overview

- ? Unit: ICT
- ? Role: Professore associato
- ? Grade: Prof.Associato Legge 240/10 - t.pieno - classe 3
- ? SSD: IINF-01/A (Elettronica)
- ? Scopus ID: 6701751695
- ? Unige Id: 700666
- ? Retrieved at: 2025-11-14T15:07:57.790738

## Contact

- ? Email: riccardo.berta@unige.it
- ? Phone: +39 010 33 52193
- ? Page: <https://rubrica.unige.it/personale/UkNHXVxv>
- ? Locations: Opera Pia - padiglione D (ED161450401), 3° piano, US161450401.III.016

## Career

- ? Ru, 2012-05-01 ? 2018-11-30
- ? Pa, 2018-12-01 ? 2222-02-02

## Responsibilities

- ? Title: Componente del Consiglio scientifico Centro servizio Ateneo
  - ? Unit: Centro di servizio di Ateneo di simulazione e formazione avanzata - SIMAV
  - ? Period: 2023-11-01 ? 2026-10-31
- ? Title: Membro della Giunta di dipartimento
  - ? Unit: Dipartimento di ingegneria navale, elettrica, elettronica e delle telecomunicazioni - DITEN
  - ? Period: 2024-11-01 ? 2027-10-31
- ? Title: Componente commissione ricerca
  - ? Unit: Universit^ Degli Studi Di Genova
  - ? Period: 2025-09-22 ? 2027-01-17

## Teaching

2025

- ? Approccio Makers Alla Progettazione Elettronica (86985), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
- ? Applied Reinforcement Learning (114770), Lm/Ds - Engineering Technology For Strategy (And Security)
- ? Machine Learning Incorporato In Dispositivi Di Piccole Dimensioni- Raise Liguria (113520), Formazione Alla Cittadinanza
- ? Elettronica Dei Sistemi Digitali (72345), L-8 R - Ingegneria Elettronica E Tecnologie Dell'Informazione
- ? Tiny Machine Learning (114752), Lm-29 - Electronic Engineering
- ? Elements Of Computer Programming (118907), Lm/Ds - Engineering Technology For Strategy And Security

2024

- ? Agenti Autonomi Nei Giochi (98216), Lm-29 - Ingegneria Elettronica
- ? Elettronica Dei Sistemi Digitali (72345), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione
- ? Approccio Makers Alla Progettazione Elettronica (86985), L-8 - Ingegneria Elettronica E

## Tecnologie Dell'Informazione

? Tiny Machine Learning (114752), Lm-29 - Electronic Engineering

### 2023

? Autonomous Agents In Games (98216), Lm-29 - Ingegneria Elettronica

? Machine Learning (106788), Lm-29 - Ingegneria Elettronica

? Approccio Makers Alla Progettazione Elettronica (86985), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Elettronica Dei Sistemi Digitali (72345), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

### 2022

? Autonomous Agents In Games (98216), Lm-29 - Ingegneria Elettronica

? Machine Learning (106788), Lm-29 - Ingegneria Elettronica

? Approccio Makers Alla Progettazione Elettronica (86985), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Elettronica Dei Sistemi Digitali (72345), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

### 2021

? Autonomous Agents In Games (98216), Lm-29 - Ingegneria Elettronica

? Machine Learning (106788), Lm-29 - Ingegneria Elettronica

? Approccio Makers Alla Progettazione Elettronica (86985), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Fondamenti Di Programmazione Di Sistemi Elettronici (66061), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Computer Games And Simulation (98214), Lm/Ds - Engineering Technology For Strategy (And Security)

### 2020

? Computer Graphics Arch.- Games And Simulation (72317), Lm-29 - Ingegneria Elettronica

? Autonomous Agents In Games (98216), Lm-29 - Ingegneria Elettronica

? Fondamenti Di Programmazione Di Sistemi Elettronici (66061), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

? Approccio Makers Alla Progettazione Elettronica (86985), L-8 - Ingegneria Elettronica E Tecnologie Dell'Informazione

## Scopus Metrics

? absolute; Docs: 191; Journals: 62; Conferences: 43; Citations: 4102; H-index: 28

? 15 years (2010-2025); Docs: 167; Journals: 51; Conferences: 38; Citations: 3697; H-index: 26

? 10 years (2015-2025); Docs: 131; Journals: 36; Conferences: 23; Citations: 2065; H-index: 17

? 05 years (2020-2025); Docs: 83; Journals: 27; Conferences: 7; Citations: 574; H-index: 11

## Scopus Products

### 1.

? Title: Assessing a Measurement-Oriented Data Management Framework in Energy IoT Applications

? Venue: Energies

? Year: 2025

? Type: Journal

? Subtype: Article

? Citations: 1  
? DOI: 10.3390/en18133347  
? Scopus ID: 2-s2.0-105010296450  
? eISSN: 19961073  
? Volume: 18  
? Issue: 13  
? Authors: Dhungana Hariom; Bellotti Francesco; Fresta Matteo; Dhungana Pragya; Berta Riccardo  
? Keywords: battery management system | building energy | cloud | energy | IoT | measurement | smart grid  
? Quartile:  
2025:  
? Control and Optimization (Q1, rank 11, percentile 94)  
? Engineering (miscellaneous) (Q1, rank 38, percentile 86)  
? Electrical and Electronic Engineering (Q1, rank 155, percentile 84)  
? Energy Engineering and Power Technology (Q1, rank 71, percentile 78)  
? Fuel Technology (Q2, rank 40, percentile 70)  
? Renewable Energy, Sustainability and the Environment (Q2, rank 110, percentile 64)  
? Energy (miscellaneous) (Q2, rank 39, percentile 64)  
? Source Id: 62932  
? Author Ids: 58805795400;55890888700;58308149100;58864886600;6701751695  
? Authoraffiliationids: 60110772;60025153;60025153;112620752;60025153  
? Corresponding: Dhungana H.

2.

? Title: Deep Learning-Based Real-Time Driver Cognitive Distraction Detection  
? Venue: IEEE Access  
? Year: 2025  
? Type: Journal  
? Subtype: Article  
? Citations: 3  
? Doi: 10.1109/Access.2025.3539392  
? Scopus ID: 2-s2.0-85217496091  
? eISSN: 21693536  
? Volume: 13  
? Pages: 26589-26607  
? Authors: Fresta Matteo; Bellotti Francesco; Bochenko Igor; Lazzaroni Luca; Merlhiot Ga^tan; Tango Fabio; Berta Riccardo  
? Keywords: Deep learning | driver cognitive distraction detection | embedded deployment | eye-tracker | physiological signals | SHAP analysis | timeseries processing | vehicular signals  
? Quartile:

2025:

? Engineering (all) (Q1, rank 42, percentile 88)  
? Computer Science (all) (Q1, rank 41, percentile 83)  
? Materials Science (all) (Q1, rank 101, percentile 78)

? Source Id: 21100374601

? Author Ids:

58308149100;55890888700;59550754000;57220892898;57194207299;55914652500;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;118247852;60258352;60025153  
? Corresponding: Fresta M.

3.

? Title: Classification of Skiing Techniques on Embedded System  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2025

? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 1  
? Doi: 10.1007/978-3-031-71518-1\_58  
? Scopus ID: 2-s2.0-85216034873  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1263 Lnee  
? Pages: 475-480  
? Authors: Fresta Matteo; Bellotti Francesco; Capello Alessio; Cossu Marianna; Forneris Luca; Berta Riccardo  
? Keywords: 1D-CNN | Arduino Nano 33 BLE Sense | Embedded device | Inertial Measurement Unit (IMU) | Skiing techniques classification | Time series  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
? Source Id: 19700186822  
? Author Ids: 58308149100;55890888700;57388720700;57388479100;58024898300;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Fresta M.

4.  
? Title: TinyML Acceleration with MAX78000  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2025  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1007/978-3-031-71518-1\_57  
? Scopus ID: 2-s2.0-85215954123  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1263 Lnee  
? Pages: 468-474  
? Authors: Dabbous Ali; Lazzaroni Luca; Bellotti Francesco; Presentació Sara Muñoz; Pighetti Alessandro; Berta Riccardo  
? Keywords: Convolutional Neural Network | Hardware Accelerator | MAX78000 | Power Consumption | Time-of-Flight | Tiny Machine Learning  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
? Source Id: 19700186822  
? Author Ids: 57225054424;57220892898;55890888700;59527204900;58023909200;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Dabbous A.

5.  
? Title: Enhancing NAS for 1D CNNs on Microcontrollers  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2025  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 1  
? Doi: 10.1007/978-3-031-71518-1\_59  
? Scopus ID: 2-s2.0-85215949695  
? Issn: 18761100

- ? eISSN: 18761119  
? Volume: 1263 Lnee  
? Pages: 481-486  
? Authors: Capello Alessio; Berta Riccardo; Ballout Hadi; Fresta Matteo; Soltanmuradov Vafali; Bellotti Francesco  
? Keywords: 1D Convolutional Neural Network | Microcontrollers | Neural Architecture Search (NAS) | Optimization  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
? Source Id: 19700186822  
? Author Ids: 57388720700;6701751695;59232895600;58308149100;59526612100;55890888700  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Capello A.
6.  
? Title: On-Board Deployability of a Deep Learning-Based System for Distraction and Inattention Detection  
? Venue: IEEE Open Journal of the Industrial Electronics Society  
? Year: 2025  
? Type: Journal  
? Subtype: Article  
? Citations: 0  
? Doi: 10.1109/Ojies.2025.3601982  
? Scopus ID: 2-s2.0-105013975172  
? eISSN: 26441284  
? Volume: 6  
? Pages: 1351-1369  
? Authors: Fresta Matteo; Bellotti Francesco; Lazzaroni Luca; Ballout Hadi; Pighetti Alessandro; Ameneiro-Prieto ^ scar; Porta-Lorenzo Manuel; Sánchez-Louzán Daniel; González-Escudeiro Cristina; Tango Fabio; Berta Riccardo  
? Keywords: Deep learning (DL) | driver distraction detection (DDD) | eye-tracker | inattention detection | on-board deployment | SHapley Additive exPlanations (SHAP) analysis | time of flight sensor | time series processing | vehicular signals  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q1, rank 148, percentile 85)  
? Industrial and Manufacturing Engineering (Q1, rank 62, percentile 84)  
? Control and Systems Engineering (Q1, rank 61, percentile 84)  
? Source Id: 21101068036  
? Author Ids: 58308149100;55890888700;57220892898;59232895600;58023909200;57194191799;57699637700;60059765900;60059537800;55914652500;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;121898065;121898065;121898065;121898065;60258352;60025153  
? Corresponding: Fresta M.
7.  
? Title: RAFT: Regularized Adversarial Fine-Tuning to Enhance Deep Reinforcement Learning for Self-Parking  
? Venue: IEEE Sensors Letters  
? Year: 2025  
? Type: Journal  
? Subtype: Article  
? Citations: 0  
? Doi: 10.1109/Lsens.2025.3600982  
? Scopus ID: 2-s2.0-105013891403

? eISSN: 24751472  
? Volume: 9  
? Issue: 9  
? Authors: Pighetti Alessandro; Bellotti Francesco; Berta Riccardo; Cavallaro Andrea; Lazzaroni Luca; Oh Changjae  
? Keywords: adversarial policies | automated driving (AD) | autonomous agents | deep reinforcement learning (DRL) | parking | Sensor applications  
? Quartile:  
2025:  
? Instrumentation (Q2, rank 70, percentile 63)  
? Electrical and Electronic Engineering (Q2, rank 397, percentile 60)  
? Source Id: 21100976671  
? Author Ids: 58023909200;55890888700;6701751695;7103233230;57220892898;55391262000  
? Authoraffiliationids: 60025153-60022109;60025153;60025153;60022109-60030109-60028186;60025153;60022109  
? Corresponding: Pighetti A.  
8.  
? Title: Binary Neural Networks for Real-Time Structural Health Monitoring on Edge Devices  
? Venue: Digest of Technical Papers IEEE International Conference on Consumer Electronics  
? Year: 2025  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1109/Iccce63647.2025.10930047  
? Scopus ID: 2-s2.0-105006570576  
? Issn: 0747668x  
? eISSN: 21591423  
? Authors: Dabbous Ali; Lazzaroni Luca; Sakr Fouad; Berta Riccardo; Fresta Matteo; Bellotti Francesco  
? Keywords: Binary Neural Networks | Edge Devices | Structural Health Monitoring  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q3, rank 254, percentile 38)  
? Electrical and Electronic Engineering (Q3, rank 659, percentile 34)  
? Source Id: 26010  
? Author Ids: 57225054424;57220892898;57216728100;6701751695;58308149100;55890888700  
? Authoraffiliationids: 60025153;60025153;60074219;60025153;60025153;60025153  
? Corresponding: Dabbous A.  
9.  
? Title: Quantization of MobileNetV2 for Resource-Constrained Microcontrollers  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2025  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1007/978-3-031-84100-2\_59  
? Scopus ID: 2-s2.0-105000833272  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1369 Lnee  
? Pages: 497-504  
? Authors: Lazzaroni Luca; Bellotti Francesco; Dabbous Ali; Pighetti Alessandro; Berta

Riccardo

? Keywords: Internet of Things | Microcontrollers | MobileNetV2 | Quantization | STM32

| Tiny Machine Learning

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

? Source Id: 19700186822

? Author Ids: 57220892898;55890888700;57225054424;58023909200;6701751695

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153

? Corresponding: Lazzaroni L.

10.

? Title: Runtime Input Monitoring of a Reinforcement Learning-Based Agent for Automated Car Parking

? Venue: Lecture Notes in Electrical Engineering

? Year: 2025

? Type: Book Series

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1007/978-3-031-84100-2\_46

? Scopus ID: 2-s2.0-105000832063

? Issn: 18761100

? eISSN: 18761119

? Volume: 1369 Lnee

? Pages: 387-394

? Authors: Ballout Hadi; Berta Riccardo; Bochenko Igor; Lazzaroni Luca; Dhonthi Akshay; Hashemi Vahid; Bellotti Francesco

? Keywords: anomaly detection | Automated driving | isolation forest | local outlier factor | novelty detection | one-class support vector machine | out of distribution data | runtime monitoring

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

? Source Id: 19700186822

? Author Ids:

59232895600;6701751695;59550754000;57220892898;57305251400;48861638300;55890888700

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60072340;60072340;60025153

? Corresponding: Ballout H.

11.

? Title: Exploring Decision Transformer for Highway Automated Driving

? Venue: Lecture Notes in Electrical Engineering

? Year: 2025

? Type: Book Series

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1007/978-3-031-84100-2\_15

? Scopus ID: 2-s2.0-105000831674

? Issn: 18761100

? eISSN: 18761119

? Volume: 1369 Lnee

? Pages: 123-130

? Authors: Forneris Luca; Bellotti Francesco; Berta Riccardo; Lazzaroni Luca; Oh Changjae

? Keywords: Automated Driving | Decision Transformer | Decision-Making | Deep Reinforcement Learning | Driving Simulator | High-speed Maneuvers | Offline

## Reinforcement Learning

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

? Source Id: 19700186822

? Author Ids: 58024898300;55890888700;6701751695;57220892898;55391262000

? Authoraffiliationids: 60025153-60022109;60025153;60025153;60025153;60025153;60022109

? Corresponding: Forneris L.

12.

? Title: Domain-Adversarial Neural Networks (DANN) for Cross-Sport Activity Recognition

? Venue: Lecture Notes in Electrical Engineering

? Year: 2025

? Type: Book Series

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1007/978-3-031-84100-2\_37

? Scopus ID: 2-s2.0-105000830114

? Issn: 18761100

? eISSN: 18761119

? Volume: 1369 Lnee

? Pages: 315-322

? Authors: Fresta Matteo; Berta Riccardo; Capello Alessio; Ballout Hadi; Dabbous Ali; Bellotti Francesco

? Keywords: DANN | Human Activity Recognition | Sport Activity Recognition | Table Tennis | Tennis | Timeseries | Transfer Learning

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

? Source Id: 19700186822

? Author Ids: 58308149100;6701751695;57388720700;59232895600;57225054424;55890888700

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153

? Corresponding: Fresta M.

13.

? Title: Robustness Verification of a Reinforcement Learning-Based Agent for Automated Car Parking

? Venue: Lecture Notes in Electrical Engineering

? Year: 2025

? Type: Book Series

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1007/978-3-031-84100-2\_17

? Scopus ID: 2-s2.0-105000829693

? Issn: 18761100

? eISSN: 18761119

? Volume: 1369 Lnee

? Pages: 139-147

? Authors: Bellotti Francesco; Berta Riccardo; Soltanmuradov Vafali; Gümmez David Martın; Dhonthi Akshay; Hashemi Vahid; Lazzaroni Luca

? Keywords: automated parking | lidar | Marabou | noise | reinforcement learning | Verification

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

? Source Id: 19700186822

? Author Ids: 55890888700;6701751695;59526612100;59388326900;57305251400;48861638300;57220892898  
? Authoraffiliationids: 60025153;60025153;60025153;60001741;60072340;60072340;60025153  
? Corresponding: Bellotti F.

14.  
? Title: Performance Comparison of YOLOv8 and YOLOv10 for Traffic Light Detection on a Jetson Nano Board  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2025  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1007/978-3-031-84100-2\_29  
? Scopus ID: 2-s2.0-105000828654  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1369 Lnee  
? Pages: 242-249  
? Authors: Ballout Hadi; Berta Riccardo; Dabbous Ali; Fresta Matteo; Lazzaroni Luca; Pighetti Alessandro; Bellotti Francesco  
? Keywords: automated driving | BOSCH | DTLD | intelligent transportation systems | Jetson Nano | Traffic Light detection | YOLOv10 | YOLOv8  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
? Source Id: 19700186822  
? Author Ids: 59232895600;6701751695;57225054424;58308149100;57220892898;58023909200;55890888700  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Ballout H.

15.  
? Title: Leveraging Neural Architecture Search for Structural Health Monitoring on Resource-Constrained Devices  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2025  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1007/978-3-031-84100-2\_38  
? Scopus ID: 2-s2.0-105000828216  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1369 Lnee  
? Pages: 323-330  
? Authors: Capello Alessio; Berta Riccardo; Fresta Matteo; Lazzaroni Luca; Bellotti Francesco  
? Keywords: Microcontrollers | Neural Architecture Search | Structural Health Monitoring  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
? Source Id: 19700186822  
? Author Ids: 57388720700;6701751695;58308149100;57220892898;55890888700  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153

- ? Corresponding: Capello A.
- 16.
- ? Title: Setting Up a Lightweight Simulation Environment for Automated Driving Dataset Collection
- ? Venue: Lecture Notes in Electrical Engineering
- ? Year: 2025
- ? Type: Book Series
- ? Subtype: Conference Paper
- ? Citations: 0
- ? Doi: 10.1007/978-3-031-84100-2\_19
- ? Scopus ID: 2-s2.0-105000824318
- ? Issn: 18761100
- ? eISSN: 18761119
- ? Volume: 1369 Lnee
- ? Pages: 156-163
- ? Authors: Forneris Luca; Bellotti Francesco; Berta Riccardo; Cossu Marianna; Fresta Matteo; Rezaieamale Raziye; Rojhan Hadise; Soltanmuradov Vafali; Tango Fabio; Lazzaroni Luca
- ? Keywords: Automated Driving Functions | CARLA Simulator | Dataset Collection | Lane Change Recognition | Simulation Environment | User testing
- ? Quartile:
- 2025:
- ? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)
- ? Source Id: 19700186822
- ? Author Ids: 58024898300;55890888700;6701751695;57388479100;58308149100;59706629300;59706210500;59526612100;55914652500;57220892898
- ? Authoraffiliationids: 60025153-60022109;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60258352;60025153
- ? Corresponding: Forneris L.
- 17.
- ? Title: Green Machine Learning for the IoT (GEMINI): A Position Paper
- ? Venue: Lecture Notes in Electrical Engineering
- ? Year: 2025
- ? Type: Book Series
- ? Subtype: Conference Paper
- ? Citations: 0
- ? Doi: 10.1007/978-3-031-84100-2\_40
- ? Scopus ID: 2-s2.0-105000824025
- ? Issn: 18761100
- ? eISSN: 18761119
- ? Volume: 1369 Lnee
- ? Pages: 339-346
- ? Authors: Lazzaroni Luca; Dabbous Ali; Nardello Matteo; Lebdeh Muath Abu; Berta Riccardo; Yildirim Kasim Sinan; Bellotti Francesco; Brunelli Davide
- ? Keywords: Batteryless Device | Energy Harvesting | Intermittent Computing | Internet of Things | Machine Learning | Online Learning | Online Sensing
- ? Quartile:
- 2025:
- ? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)
- ? Source Id: 19700186822
- ? Author Ids: 57220892898;57225054424;57197767089;57216973731;6701751695;23570313200;55890888700;22233293600
- ? Authoraffiliationids:

60025153;60025153;60015986;60015986;60025153;60015986;60025153;60015986

? Corresponding: Lazzaroni L.

18.

? Title: RL-Based Generation of a Synthetic Automotive Driving Scenario Dataset

? Venue: Lecture Notes in Electrical Engineering

? Year: 2025

? Type: Book Series

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1007/978-3-031-84100-2\_47

? Scopus ID: 2-s2.0-105000819817

? Issn: 18761100

? eISSN: 18761119

? Volume: 1369 Lnee

? Pages: 395-402

? Authors: Berta Riccardo; Bellotti Francesco; Cossu Marianna; Forneris Luca; Lazzaroni Luca; Pighetti Alessandro

? Keywords: Automated Driving | Dataset Engineering | Driving Scenarios | Driving Scenarios Generator | Reinforcement Learning | Synthetic Datasets

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

? Source Id: 19700186822

? Author Ids: 6701751695;55890888700;57388479100;58024898300;57220892898;58023909200

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153

? Corresponding: Berta R.

19.

? Title: Benchmarking Microcontrollers with Ultra-Low Resolution Images Classification

? Venue: Lecture Notes in Electrical Engineering

? Year: 2025

? Type: Book Series

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1007/978-3-031-84100-2\_28

? Scopus ID: 2-s2.0-105000819772

? Issn: 18761100

? eISSN: 18761119

? Volume: 1369 Lnee

? Pages: 234-241

? Authors: Dabbous Ali; Berta Riccardo; Lazzaroni Luca; Pighetti Alessandro; Bellotti Francesco

? Keywords: Convolutional Neural Network | Energy Consumption | Hardware Accelerator | MAX78000 | STM32 | Tiny Machine Learning

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

? Source Id: 19700186822

? Author Ids: 57225054424;6701751695;57220892898;58023909200;55890888700

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153

? Corresponding: Dabbous A.

20.

? Title: Comparing Detection-Based and Motion-Based Preprocessing of Video Frames for Automated Driving Scenario Detection

? Venue: Lecture Notes in Electrical Engineering

? Year: 2025  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1007/978-3-031-84100-2\_30  
? Scopus ID: 2-s2.0-105000819117  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1369 Lnee  
? Pages: 250-257

? Authors: Cossu Marianna; Berta Riccardo; Bagheri Orumi Mohammad Ali; Lazzaroni Luca; Sauvaget Jean Louis; Touil Hind; Bellotti Francesco

? Keywords: automated driving | deep learning | detection-based preprocessing | driving scenarios | machine learning | motion-based preprocessing | Preprocessing | video classification

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

? Source Id: 19700186822

? Author Ids:

57388479100;6701751695;59706032700;57220892898;58864809300;59706032800;55890888700

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60258352;60258352;60025153

? Corresponding: Cossu M.

21.

? Title: An embedded end-to-end voice assistant

? Venue: Engineering Applications of Artificial Intelligence

? Year: 2024

? Type: Journal

? Subtype: Article

? Citations: 13

? DOI: 10.1016/j.engappai.2024.108998

? Scopus ID: 2-s2.0-85199072751

? Issn: 09521976

? Volume: 136

? Authors: Lazzaroni Luca; Bellotti Francesco; Berta Riccardo

? Keywords: Automatic speech recognition | Edge computing | Embedded systems | Smart vehicles | Transfer learning | Voice assistants

? Quartile:

2025:

? Control and Systems Engineering (Q1, rank 32, percentile 91)

? Electrical and Electronic Engineering (Q1, rank 87, percentile 91)

? Artificial Intelligence (Q1, rank 66, percentile 86)

2024:

? Electrical and Electronic Engineering (Q1, rank 112, percentile 88)

? Control and Systems Engineering (Q1, rank 50, percentile 86)

? Artificial Intelligence (Q1, rank 80, percentile 82)

? Source Id: 24182

? Author Ids: 57220892898;55890888700;6701751695

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Lazzaroni L.

22.

? Title: CBin-NN: An Inference Engine for Binarized Neural Networks

? Venue: Electronics Switzerland

? Year: 2024

? Type: Journal  
? Subtype: Article  
? Citations: 15  
? DOI: 10.3390/electronics13091624  
? Scopus ID: 2-s2.0-85192745343  
? eISSN: 20799292  
? Volume: 13  
? Issue: 9  
? Authors: Sakr Fouad; Berta Riccardo; Doyle Joseph; Capello Alessio; Dabbous Ali; Lazzaroni Luca; Bellotti Francesco  
? Keywords: Binary Neural Network | Cortex-M microcontrollers | edge computing | inference engine | Internet of Things | TinyML  
? Quartile:  
2025:  
? Signal Processing (Q1, rank 36, percentile 81)  
? Electrical and Electronic Engineering (Q1, rank 220, percentile 78)  
? Control and Systems Engineering (Q1, rank 91, percentile 76)  
? Computer Networks and Communications (Q1, rank 131, percentile 76)  
? Hardware and Architecture (Q2, rank 62, percentile 73)  
2024:  
? Electrical and Electronic Engineering (Q1, rank 228, percentile 76)  
? Signal Processing (Q1, rank 44, percentile 76)  
? Control and Systems Engineering (Q1, rank 93, percentile 75)  
? Computer Networks and Communications (Q2, rank 137, percentile 73)  
? Hardware and Architecture (Q2, rank 62, percentile 72)  
? Source Id: 21100829272  
? Author Ids:  
57216728100;6701751695;57894878100;57388720700;57225054424;57220892898;55890888700  
? Authoraffiliationids:  
60025153-60022109;60025153;60022109;60025153;60025153;60025153;60025153  
? Corresponding: Sakr F.

23.  
? Title: End-to-End Dataset Collection System for Sport Activities  
? Venue: Electronics Switzerland  
? Year: 2024  
? Type: Journal  
? Subtype: Article  
? Citations: 8  
? DOI: 10.3390/electronics13071286  
? Scopus ID: 2-s2.0-85190091988  
? eISSN: 20799292  
? Volume: 13  
? Issue: 7  
? Authors: Fresta Matteo; Bellotti Francesco; Capello Alessio; Dabbous Ali; Lazzaroni Luca; Ansovini Flavio; Berta Riccardo  
? Keywords: convolutional neural networks (CNNs) | edge-to-cloud architecture | embedded systems | inertial measurement units (IMUs) | IoT | microcontrollers | sport activity recognition (SAR) | wearable devices  
? Quartile:  
2025:  
? Signal Processing (Q1, rank 36, percentile 81)  
? Electrical and Electronic Engineering (Q1, rank 220, percentile 78)  
? Control and Systems Engineering (Q1, rank 91, percentile 76)  
? Computer Networks and Communications (Q1, rank 131, percentile 76)

? Hardware and Architecture (Q2, rank 62, percentile 73)

2024:

? Electrical and Electronic Engineering (Q1, rank 228, percentile 76)

? Signal Processing (Q1, rank 44, percentile 76)

? Control and Systems Engineering (Q1, rank 93, percentile 75)

? Computer Networks and Communications (Q2, rank 137, percentile 73)

? Hardware and Architecture (Q2, rank 62, percentile 72)

? Source Id: 21100829272

? Author Ids:

58308149100;55890888700;57388720700;57225054424;57220892898;55372827800;6701751695

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153

? Corresponding: Fresta M.

24.

? Title: Development of Deep-Learning-Based Autonomous Agents for Low-Speed Maneuvering in Unity

? Venue: Journal of Intelligent and Connected Vehicles

? Year: 2024

? Type: Journal

? Subtype: Article

? Citations: 9

? Doi: 10.26599/Jicv.2023.9210039

? Scopus ID: 2-s2.0-85206460853

? eISSN: 23999802

? Volume: 7

? Issue: 3

? Pages: 229-244

? Authors: Berta Riccardo; Lazzaroni Luca; Capello Alessio; Cossu Marianna; Forneris

Luca; Pighetti Alessandro; Bellotti Francesco

? Keywords: automated driving | autonomous agents | curriculum learning | deep reinforcement learning | modeling and simulation

? Quartile:

2025:

? Mechanical Engineering (Q1, rank 29, percentile 96)

? Automotive Engineering (Q1, rank 7, percentile 95)

? Control and Systems Engineering (Q1, rank 23, percentile 94)

? Transportation (Q1, rank 10, percentile 93)

2024:

? Mechanical Engineering (Q1, rank 45, percentile 93)

? Automotive Engineering (Q1, rank 10, percentile 92)

? Control and Systems Engineering (Q1, rank 30, percentile 92)

? Transportation (Q1, rank 18, percentile 88)

? Source Id: 21101102903

? Author Ids:

6701751695;57220892898;57388720700;57388479100;58024898300;58023909200;55890888700

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153

? Corresponding: Berta R.

25.

? Title: Developing a TinyML Image Classifier in an Hour

? Venue: IEEE Open Journal of the Industrial Electronics Society

? Year: 2024

? Type: Journal

? Subtype: Article

? Citations: 10

? Doi: 10.1109/Ojies.2024.3451959

? Scopus ID: 2-s2.0-85202787351

? eISSN: 26441284

? Volume: 5

? Pages: 946-960

? Authors: Berta Riccardo; Dabbous Ali; Lazzaroni Luca; Pau Danilo Pietro; Bellotti Francesco

? Keywords: Edge computing | imaging sensors | Jupyter notebook | microcontroller units (MCUs) | neural networks (NNs) | quantization | tiny machine learning (TinyML)

? Quartile:

2025:

? Electrical and Electronic Engineering (Q1, rank 148, percentile 85)

? Industrial and Manufacturing Engineering (Q1, rank 62, percentile 84)

? Control and Systems Engineering (Q1, rank 61, percentile 84)

2024:

? Control and Systems Engineering (Q1, rank 32, percentile 91)

? Electrical and Electronic Engineering (Q1, rank 83, percentile 91)

? Industrial and Manufacturing Engineering (Q1, rank 43, percentile 89)

? Source Id: 21101068036

? Author Ids: 6701751695;57225054424;57220892898;6603575177;55890888700

? Authoraffiliationids: 60025153;60025153;60025153;60023682;60025153

? Corresponding: Berta R.

26.

? Title: Bringing Intelligence to the Edge for Structural Health Monitoring: The Case Study of the Z24 Bridge

? Venue: IEEE Open Journal of the Industrial Electronics Society

? Year: 2024

? Type: Journal

? Subtype: Article

? Citations: 10

? Doi: 10.1109/Ojies.2024.3434341

? Scopus ID: 2-s2.0-85199496894

? eISSN: 26441284

? Volume: 5

? Pages: 781-794

? Authors: Dabbous Ali; Berta Riccardo; Fresta Matteo; Ballout Hadi; Lazzaroni Luca; Bellotti Francesco

? Keywords: Deep learning | feature extraction | MINImally RandOm Convolutional KERnel Transform (MiniRocket) | structural health monitoring (SHM) | time-series | vibrational damage detection | WaveNet (WN) | Z24 bridge

? Quartile:

2025:

? Electrical and Electronic Engineering (Q1, rank 148, percentile 85)

? Industrial and Manufacturing Engineering (Q1, rank 62, percentile 84)

? Control and Systems Engineering (Q1, rank 61, percentile 84)

2024:

? Control and Systems Engineering (Q1, rank 32, percentile 91)

? Electrical and Electronic Engineering (Q1, rank 83, percentile 91)

? Industrial and Manufacturing Engineering (Q1, rank 43, percentile 89)

? Source Id: 21101068036

? Author Ids: 57225054424;6701751695;58308149100;59232895600;57220892898;55890888700

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153

? Corresponding: Dabbous A.

27.

? Title: Automated Parking in CARLA: A Deep Reinforcement Learning-Based Approach

- ? Venue: Lecture Notes in Electrical Engineering  
? Year: 2024  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 10  
? Doi: 10.1007/978-3-031-48121-5\_50  
? Scopus ID: 2-s2.0-85184134805  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1110 Lnee  
? Pages: 352-357  
? Authors: Lazzaroni Luca; Pighetti Alessandro; Bellotti Francesco; Capello Alessio; Cossu Marianna; Berta Riccardo  
? Keywords: Automated driving functions | Automated parking | CARLA driving simulator | Deep reinforcement learning | Gymnasium | Proximal-policy optimization  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2024:  
? Industrial and Manufacturing Engineering (Q4, rank 308, percentile 23)  
? Source Id: 19700186822  
? Author Ids: 57220892898;58023909200;55890888700;57388720700;57388479100;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Lazzaroni L.
28.  
? Title: A Synthetic Dataset Generator for Automotive Overtaking Maneuver Detection  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2024  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 1  
? Doi: 10.1007/978-3-031-48121-5\_52  
? Scopus ID: 2-s2.0-85184132132  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1110 Lnee  
? Pages: 364-369  
? Authors: Forneris Luca; Berta Riccardo; Capello Alessio; Cossu Marianna; Fresta Matteo; Tango Fabio; Bellotti Francesco  
? Keywords: Automated driving | Driving scenario | Driving scenario classification | Driving scenario detection | Synthetic datasets | Vehicular data  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2024:  
? Industrial and Manufacturing Engineering (Q4, rank 308, percentile 23)  
? Source Id: 19700186822  
? Author Ids:  
58024898300;6701751695;57388720700;57388479100;58308149100;55914652500;55890888700  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60258352;60025153  
? Corresponding: Forneris L.
29.  
? Title: Introduction  
? Venue: Lecture Notes in Electrical Engineering

- ? Year: 2024  
? Type: Book Series  
? Subtype: Editorial  
? Citations: 0  
? Scopus ID: 2-s2.0-85184129777  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1110 Lnee  
? Authors: Bellotti Francesco; Grammatikakis Miltos D.; Mansour Ali; Roch Massimo Ruo; Seepold Ralf; Solanas Agusti; Berta Riccardo  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2024:  
? Industrial and Manufacturing Engineering (Q4, rank 308, percentile 23)  
? Source Id: 19700186822  
? Author Ids:  
55890888700;6602582469;7202587376;55663917800;13807648300;56238861000;6701751695  
? Authoraffiliationids: 60025153;60032307;60000760;60012162;60019629;60022415;60025153  
? Corresponding: Bellotti F.
30.  
? Title: Low-Cost, Edge-Cloud, End-to-End System Architecture for Human Activity Data Collection  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2024  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 5  
? Doi: 10.1007/978-3-031-48121-5\_64  
? Scopus ID: 2-s2.0-85184120578  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1110 Lnee  
? Pages: 444-449  
? Authors: Fresta Matteo; Dabbous Ali; Bellotti Francesco; Capello Alessio; Lazzaroni Luca; Pighetti Alessandro; Berta Riccardo  
? Keywords: Edge-cloud hardware/software architectures | Embedded systems | Field data collection | Human activity recognition | Internet of things | Sensor-based classification | Wearable sensor  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2024:  
? Industrial and Manufacturing Engineering (Q4, rank 308, percentile 23)  
? Source Id: 19700186822  
? Author Ids:  
58308149100;57225054424;55890888700;57388720700;57220892898;58023909200;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Fresta M.
31.  
? Title: YoloP-Based Pre-processing for Driving Scenario Detection  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2024  
? Type: Book Series

? Subtype: Conference Paper  
? Citations: 1  
? Doi: 10.1007/978-3-031-48121-5\_60  
? Scopus ID: 2-s2.0-85184100845  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1110 Lnee  
? Pages: 418-423  
? Authors: Cossu Marianna; Berta Riccardo; Forneris Luca; Fresta Matteo; Lazzaroni Luca; Sauvaget Jean Louis; Bellotti Francesco  
? Keywords: Automated driving | Convolutional neural network | Deep learning | Driving scenarios | Pre-processing | Synthetic datasets | Three-dimensional convolution | Time-series | Video classification | YoloP  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2024:  
? Industrial and Manufacturing Engineering (Q4, rank 308, percentile 23)  
? Source Id: 19700186822  
? Author Ids:  
57388479100;6701751695;58024898300;58308149100;57220892898;58864809300;55890888700  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60258352;60025153  
? Corresponding: Cossu M.  
32.  
? Title: Alessandro De Gloria, a Pioneer in Electronic Engineering Applications  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2024  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1007/978-3-031-48121-5\_1  
? Scopus ID: 2-s2.0-85184097329  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1110 Lnee  
? Pages: 3-11  
? Authors: Bellotti Francesco; Bricco Elisa; Bruzzone Agostino; Caviglia Daniele; Di Zitti Ermanno; Gastaldo Paolo; Grosso Daniele; Magnani Lauro; Olivieri Mauro; Raggio Marco; Valle Maurizio; Verri Alessandro; Berta Riccardo  
? Keywords: Cultural heritage | Electronic engineering | Electronic system applications | Embedded systems | Higher education | Machine learning | Virtual reality  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2024:  
? Industrial and Manufacturing Engineering (Q4, rank 308, percentile 23)  
? Source Id: 19700186822  
? Author Ids: 55890888700;26033809300;7003901555;7004012654;6603663623;35612596100;57192394949;55548461500;57794378700;8573253200;57197744325;57193129975;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60032350;60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.  
33.  
? Title: Neural Architecture for Tennis Shot Classification on Embedded System

? Venue: Lecture Notes in Electrical Engineering  
? Year: 2024  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 5  
? Doi: 10.1007/978-3-031-48121-5\_14  
? Scopus ID: 2-s2.0-85184094463  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1110 Lnee  
? Pages: 97-102  
? Authors: Dabbous Ali; Fresta Matteo; Bellotti Francesco; Berta Riccardo  
? Keywords: 1-D CNN | Arduino Nano | Embedded device | Tennis shot  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2024:  
? Industrial and Manufacturing Engineering (Q4, rank 308, percentile 23)  
? Source Id: 19700186822  
? Author Ids: 57225054424;58308149100;55890888700;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Dabbous A.

34.  
? Title: Investigating Adversarial Policy Learning for Robust Agents in Automated Driving Highway Simulations  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2024  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 5  
? Doi: 10.1007/978-3-031-48121-5\_18  
? Scopus ID: 2-s2.0-85184090716  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1110 Lnee  
? Pages: 124-129  
? Authors: Pighetti Alessandro; Bellotti Francesco; Oh Changjae; Lazzaroni Luca; Forneris Luca; Fresta Matteo; Berta Riccardo  
? Keywords: Adversarial policies | Automated driving | Autonomous agents | Decision making | Highway driving | Highway-env simulator | Proximal policy optimization | Reinforcement learning  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2024:  
? Industrial and Manufacturing Engineering (Q4, rank 308, percentile 23)  
? Source Id: 19700186822  
? Author Ids:  
58023909200;55890888700;55391262000;57220892898;58024898300;58308149100;6701751695  
? Authoraffiliationids: 60025153;60025153;60022109;60025153;60025153;60025153;60025153  
? Corresponding: Pighetti A.

35.  
? Title: A Teacher-Configurable Scoring System for Serious Games  
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in

Artificial Intelligence and Lecture Notes in Bioinformatics

? Year: 2024

? Type: Book Series

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1007/978-3-031-49065-1\_25

? Scopus ID: 2-s2.0-85180157909

? Issn: 03029743

? eISSN: 16113349

? Volume: 14475 Lncs

? Pages: 254-263

? Authors: Pighetti Alessandro; Forneris Luca; Bellotti Francesco; Capello Alessio;

Cossu Marianna; Gioco Giuseppe; Berta Riccardo

? Keywords: Educational Instruments | Learning Experience | Procedure Evaluation |

Scoring System | Serious Games

? Quartile:

2025:

? Theoretical Computer Science (Q3, rank 70, percentile 48)

? Computer Science (all) (Q3, rank 129, percentile 46)

2024:

? Theoretical Computer Science (Q3, rank 77, percentile 43)

? Computer Science (all) (Q3, rank 139, percentile 42)

? Source Id: 25674

? Author Ids:

58023909200;58024898300;55890888700;57388720700;57388479100;57215317472;6701751695

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;123377099;60025153

? Corresponding: Pighetti A.

36.

? Title: Building a Pipeline for Efficient Production of Synthetic Datasets for Improving RL in Automated Driving

? Venue: Lecture Notes in Electrical Engineering

? Year: 2024

? Type: Book Series

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1007/978-3-031-48711-8\_42

? Scopus ID: 2-s2.0-85180156595

? Issn: 18761100

? eISSN: 18761119

? Volume: 1113 Lnee

? Pages: 351-356

? Authors: Lazzaroni Luca; Pighetti Alessandro; Bellotti Francesco; Berta Riccardo

? Keywords: automated driving | CARLA driving simulator | deep reinforcement learning | Synthetic datasets | trajectory tracking

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

2024:

? Industrial and Manufacturing Engineering (Q4, rank 308, percentile 23)

? Source Id: 19700186822

? Author Ids: 57220892898;58023909200;55890888700;6701751695

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Lazzaroni L.

37.

? Title: Application of a Serious Game for Emotion Elicitation Under Socio-Economic and Trust Based Decision-Making Scenarios for Autistic Adolescents  
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics  
? Year: 2024  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 1  
? Doi: 10.1007/978-3-031-49065-1\_17  
? Scopus ID: 2-s2.0-85180150546  
? Issn: 03029743  
? eISSN: 16113349  
? Volume: 14475 Lncs  
? Pages: 170-180  
? Authors: Ahmed Fahad; Berta Riccardo; Bellotti Francesco; Floris Federica; Lazzaroni Luca; Barresi Giacinto; Carrion Jesus Requena  
? Keywords: Affective Computing | Autism | Decision-making | Depression | Emotion Elicitation | Game Theory | Serious Games  
? Quartile:  
2025:  
? Theoretical Computer Science (Q3, rank 70, percentile 48)  
? Computer Science (all) (Q3, rank 129, percentile 46)  
2024:  
? Theoretical Computer Science (Q3, rank 77, percentile 43)  
? Computer Science (all) (Q3, rank 139, percentile 42)  
? Source Id: 25674  
? Author Ids:  
57207729073;6701751695;55890888700;57225055996;57220892898;55877110100;19639194700  
? Authoraffiliationids:  
60022109-60025153;60025153;60025153;100515919;60025153;60102151;60022109  
? Corresponding: Ahmed F.

38.  
? Title: Arduino Nano-Based System for Tennis Shot Classification  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2024  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 4  
? Doi: 10.1007/978-3-031-48711-8\_43  
? Scopus ID: 2-s2.0-85180148792  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1113 Lnee  
? Pages: 357-362  
? Authors: Dabbous Ali; Fresta Matteo; Bellotti Francesco; Berta Riccardo  
? Keywords: 1-D CNN | Arduino Nano | Embedded device | Tennis shot  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2024:  
? Industrial and Manufacturing Engineering (Q4, rank 308, percentile 23)  
? Source Id: 19700186822  
? Author Ids: 57225054424;58308149100;55890888700;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153

- ? Corresponding: Dabbous A.
- 39.
- ? Title: Implementing Deep Reinforcement Learning (DRL)-based Driving Styles for Non-Player Vehicles
  - ? Venue: International Journal of Serious Games
  - ? Year: 2023
  - ? Type: Journal
  - ? Subtype: Article
  - ? Citations: 10
  - ? DOI: 10.17083/ijsg.v10i4.638
  - ? Scopus ID: 2-s2.0-85178119519
  - ? eISSN: 23848766
  - ? Volume: 10
  - ? Issue: 4
  - ? Pages: 153-170
  - ? Authors: Forneris Luca; Pighetti Alessandro; Lazzaroni Luca; Bellotti Francesco; Capello Alessio; Cossu Marianna; Berta Riccardo
  - ? Keywords: Autonomous Agents | Decision Making | Driving Styles | Racing Games | Reinforcement Learning | Serious Games
  - ? Quartile:
    - 2025:
      - ? Applied Mathematics (Q1, rank 106, percentile 84)
      - ? Education (Q1, rank 322, percentile 80)
      - ? Computer Graphics and Computer-Aided Design (Q2, rank 41, percentile 69)
      - ? Artificial Intelligence (Q2, rank 195, percentile 60)
      - ? Software (Q2, rank 198, percentile 60)
      - ? Human-Computer Interaction (Q2, rank 95, percentile 50)
    - 2023:
      - ? Applied Mathematics (Q1, rank 157, percentile 75)
      - ? Education (Q2, rank 422, percentile 72)
      - ? Computer Graphics and Computer-Aided Design (Q2, rank 41, percentile 61)
      - ? Artificial Intelligence (Q3, rank 190, percentile 45)
      - ? Software (Q3, rank 229, percentile 43)
      - ? Human-Computer Interaction (Q3, rank 93, percentile 36)  - ? Source Id: 21101044881
  - ? Author Ids:  
58024898300;58023909200;57220892898;55890888700;57388720700;57388479100;6701751695
  - ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153
  - ? Corresponding: Forneris L.
- 40.
- ? Title: Exploiting Big Data for Experiment Reporting: The Hi-Drive Collaborative Research Project Case
  - ? Venue: Sensors
  - ? Year: 2023
  - ? Type: Journal
  - ? Subtype: Article
  - ? Citations: 8
  - ? DOI: 10.3390/s23187866
  - ? Scopus ID: 2-s2.0-85172738402
  - ? Issn: 14248220
  - ? Volume: 23
  - ? Issue: 18
  - ? Authors: Capello Alessio; Fresta Matteo; Bellotti Francesco; Haghghi Hamed; Hiller Johannes; Mozaffari Sajjad; Berta Riccardo

? Keywords: automated driving | big data architecture | field operational tests | non-relational DB | project monitoring and reporting | RESTful APIs

? Quartile:

2025:

- ? Instrumentation (Q1, rank 19, percentile 90)
- ? Electrical and Electronic Engineering (Q1, rank 136, percentile 86)
- ? Atomic and Molecular Physics, and Optics (Q1, rank 36, percentile 85)
- ? Biochemistry (Q1, rank 72, percentile 84)
- ? Information Systems (Q1, rank 87, percentile 82)
- ? Analytical Chemistry (Q1, rank 30, percentile 82)

2023:

- ? Instrumentation (Q1, rank 24, percentile 83)
- ? Electrical and Electronic Engineering (Q1, rank 163, percentile 79)
- ? Atomic and Molecular Physics, and Optics (Q1, rank 48, percentile 78)
- ? Analytical Chemistry (Q1, rank 36, percentile 77)
- ? Information Systems (Q1, rank 91, percentile 77)
- ? Biochemistry (Q2, rank 133, percentile 69)

? Source Id: 130124

? Author Ids:

57388720700;58308149100;55890888700;58481373700;57213482363;57219585131;6701751695

? Authoraffiliationids: 60025153;60025153;60025153;60022020;60016653;60022020;60025153

? Corresponding: Capello A.

41.

? Title: Socio-Economic Decision Making and Emotion Elicitation with a Serious Game in the Wild

? Venue: Applied Sciences Switzerland

? Year: 2023

? Type: Journal

? Subtype: Article

? Citations: 8

? DOI: 10.3390/app13116432

? Scopus ID: 2-s2.0-85163083962

? eISSN: 20763417

? Volume: 13

? Issue: 11

? Authors: Ahmed Fahad; Berta Riccardo; Bellotti Francesco; Lazzaroni Luca; Floris Federica; Barresi Giacinto; Carrion Jesus Requena

? Keywords: affective computing | decision-making patterns | electronic system applications | emotion elicitation | game theory | serious game design | serious games | socio-economic scenarios

? Quartile:

2025:

- ? Engineering (all) (Q1, rank 69, percentile 80)
- ? Instrumentation (Q1, rank 38, percentile 80)
- ? Fluid Flow and Transfer Processes (Q1, rank 21, percentile 79)
- ? Computer Science Applications (Q2, rank 294, percentile 70)
- ? Materials Science (all) (Q2, rank 166, percentile 64)
- ? Process Chemistry and Technology (Q2, rank 34, percentile 55)

2023:

- ? Engineering (all) (Q1, rank 62, percentile 79)
- ? Instrumentation (Q2, rank 42, percentile 70)
- ? Fluid Flow and Transfer Processes (Q2, rank 29, percentile 70)
- ? Computer Science Applications (Q2, rank 297, percentile 63)
- ? Materials Science (all) (Q2, rank 171, percentile 63)

? Process Chemistry and Technology (Q3, rank 39, percentile 47)  
? Source Id: 21100829268  
? Author Ids:  
57207729073;6701751695;55890888700;57220892898;57225055996;55877110100;19639194700  
? Authoraffiliationids:  
60022109-60025153;60025153;60025153;60025153;100515919;60102151;60022109  
? Corresponding: Ahmed F.

42.

? Title: Applications of Serious Games as Affective Disorder Therapies in Autistic and Neurotypical Individuals: A Literature Review  
? Venue: Applied Sciences Switzerland  
? Year: 2023  
? Type: Journal  
? Subtype: Review  
? Citations: 11  
? DOI: 10.3390/app13084706  
? Scopus ID: 2-s2.0-85156150247  
? eISSN: 20763417  
? Volume: 13  
? Issue: 8  
? Authors: Ahmed Fahad; Requena Carriñen Jesú's; Bellotti Francesco; Barresi Giacinto; Floris Federica; Berta Riccardo  
? Keywords: affective computing | affective disorder | autism | neurotypical | serious games  
? Quartile:

2025:

? Engineering (all) (Q1, rank 69, percentile 80)  
? Instrumentation (Q1, rank 38, percentile 80)  
? Fluid Flow and Transfer Processes (Q1, rank 21, percentile 79)  
? Computer Science Applications (Q2, rank 294, percentile 70)  
? Materials Science (all) (Q2, rank 166, percentile 64)  
? Process Chemistry and Technology (Q2, rank 34, percentile 55)

2023:

? Engineering (all) (Q1, rank 62, percentile 79)  
? Instrumentation (Q2, rank 42, percentile 70)  
? Fluid Flow and Transfer Processes (Q2, rank 29, percentile 70)  
? Computer Science Applications (Q2, rank 297, percentile 63)  
? Materials Science (all) (Q2, rank 171, percentile 63)  
? Process Chemistry and Technology (Q3, rank 39, percentile 47)

? Source Id: 21100829268

? Author Ids: 57207729073;19639194700;55890888700;55877110100;57225055996;6701751695  
? Authoraffiliationids: 60022109-60025153;60022109;60025153;60102151;100515919;60025153  
? Corresponding: Ahmed F.

43.

? Title: Affordance segmentation of hand-occluded containers from exocentric images  
? Venue: Proceedings 2023 IEEE Cvpr International Conference on Computer Vision Workshops Iccvw 2023  
? Year: 2023  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Doi: 10.1109/Iccvw60793.2023.00204  
? Scopus ID: 2-s2.0-85182921732  
? Pages: 1890-1899

? Authors: Apicella Tommaso; Xompero Alessio; Ragusa Edoardo; Berta Riccardo; Cavallaro Andrea; Gastaldo Paolo  
? Keywords: Affordances | Computer vision | Convolutional Neural Networks | Hand occlusion  
? Source Id: 21101197267  
? Author Ids: 57216366806;57192089357;56580248800;6701751695;7103233230;35612596100  
? Authoraffiliationids: 60025153-60022109;60022109;60025153;60025153;60022109-130746711-60028186;60025153  
? Corresponding: Apicella T.

44.

? Title: Supporting a .csv-based Workflow in MongoDB for Data Analysts  
? Venue: IEEE International Symposium on Industrial Electronics  
? Year: 2023  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 6  
? Doi: 10.1109/Isie51358.2023.10228044  
? Scopus ID: 2-s2.0-85172117910  
? Volume: 2023-June  
? Authors: Fresta Matteo; Capello Alessio; Bellotti Francesco; Lazzaroni Luca; Cossu Marianna; Berta Riccardo  
? Keywords: .csv files | .csv format | datasets | Measurify | MongoDB | mongoimport | user workflow  
? Source Id: 85690  
? Author Ids: 58308149100;57388720700;55890888700;57220892898;57388479100;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Fresta M.

45.

? Title: Deep Reinforcement Learning for Automated Car Parking  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2023  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 6  
? Doi: 10.1007/978-3-031-30333-3\_16  
? Scopus ID: 2-s2.0-85161446238  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1036 Lnee  
? Pages: 125-130  
? Authors: Lazzaroni Luca; Bellotti Francesco; Capello Alessio; Cossu Marianna; De Gloria Alessandro; Berta Riccardo  
? Keywords: Automated driving | autonomous agents | low-speed manoeuvering | proximal policy optimization | reinforcement learning | unity ML-Agents | valet parking

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

2023:

? Industrial and Manufacturing Engineering (Q4, rank 306, percentile 20)

? Source Id: 19700186822

? Author Ids: 57220892898;55890888700;57388720700;57388479100;7004620974;6701751695

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153

? Corresponding: Lazzaroni L.

46.

? Title: Developing a Toolchain for Synthetic Driving Scenario Datasets  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2023  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 7  
? Doi: 10.1007/978-3-031-30333-3\_29  
? Scopus ID: 2-s2.0-85161434195  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1036 Lnee  
? Pages: 222-228  
? Authors: Cossu Marianna; Berta Riccardo; Capello Alessio; De Gloria Alessandro; Lazzaroni Luca; Bellotti Francesco  
? Keywords: automated driving | CARLA driving simulator | Driving scenarios | driving scenarios generator | synthetic datasets  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2023:  
? Industrial and Manufacturing Engineering (Q4, rank 306, percentile 20)  
? Source Id: 19700186822  
? Author Ids: 57388479100;6701751695;57388720700;7004620974;57220892898;55890888700  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Cossu M.

47.

? Title: Preface  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2023  
? Type: Book Series  
? Subtype: Editorial  
? Citations: 0  
? Scopus ID: 2-s2.0-85161432539  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1036 Lnee  
? Pages: v-vi  
? Authors: Berta Riccardo; De Gloria Alessandro  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2023:  
? Industrial and Manufacturing Engineering (Q4, rank 306, percentile 20)  
? Source Id: 19700186822  
? Author Ids: 6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Berta R.

48.

? Title: Investigating High-Level Decision Making for Automated Driving  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2023  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 4

- ? Doi: 10.1007/978-3-031-30333-3\_41  
? Scopus ID: 2-s2.0-85161373461  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1036 Lnee  
? Pages: 307-311  
? Authors: Capello Alessio; Forneris Luca; Pighetti Alessandro; Bellotti Francesco; Lazzaroni Luca; Cossu Marianna; De Gloria Alessandro; Berta Riccardo  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2023:  
? Industrial and Manufacturing Engineering (Q4, rank 306, percentile 20)  
? Source Id: 19700186822  
? Author Ids: 57388720700;58024898300;58023909200;55890888700;57220892898;57388479100;7004620974;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Capello A.
49.  
? Title: Efficient Uploading of.Csv Datasets into a Non-Relational Database Management System  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2023  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 7  
? Doi: 10.1007/978-3-031-30333-3\_2  
? Scopus ID: 2-s2.0-85161371437  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 1036 Lnee  
? Pages: 9-15  
? Authors: Fresta Matteo; Bellotti Francesco; Capello Alessio; Cossu Marianna; Lazzaroni Luca; De Gloria Alessandro; Berta Riccardo  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2023:  
? Industrial and Manufacturing Engineering (Q4, rank 306, percentile 20)  
? Source Id: 19700186822  
? Author Ids: 58308149100;55890888700;57388720700;57388479100;57220892898;7004620974;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Fresta M.
50.  
? Title: Alessandro De Gloria ? 1955-2023  
? Venue: International Journal of Serious Games  
? Year: 2023  
? Type: Journal  
? Subtype: Note  
? Citations: 2  
? DOI: 10.17083/ijsg.v10i1.612  
? Scopus ID: 2-s2.0-85153369324

? eISSN: 23848766  
? Volume: 10  
? Issue: 1  
? Authors: Bellotti Francesco; Hauge Jannicke Baalsrud; Francesca De Rosa; Gentile Manuel; Jeuring Johan; Schottman Iza Marfisi; Ninaus Manuel; Veltkamp Remco; Wanick Vanissa; Berta Riccardo  
? Quartile:  
2025:  
? Applied Mathematics (Q1, rank 106, percentile 84)  
? Education (Q1, rank 322, percentile 80)  
? Computer Graphics and Computer-Aided Design (Q2, rank 41, percentile 69)  
? Artificial Intelligence (Q2, rank 195, percentile 60)  
? Software (Q2, rank 198, percentile 60)  
? Human-Computer Interaction (Q2, rank 95, percentile 50)  
2023:  
? Applied Mathematics (Q1, rank 157, percentile 75)  
? Education (Q2, rank 422, percentile 72)  
? Computer Graphics and Computer-Aided Design (Q2, rank 41, percentile 61)  
? Artificial Intelligence (Q3, rank 190, percentile 45)  
? Software (Q3, rank 229, percentile 43)  
? Human-Computer Interaction (Q3, rank 93, percentile 36)  
? Source Id: 21101044881  
? Author Ids: 55890888700;16233132400;58332228300;23466695000;6602137556;59663188100;55797096600;7003421646;56523335900;6701751695  
? Authoraffiliationids: 60025153;60002014;129850275-60021199;60021199;60007989;60004848;60022457;60007989;60025225;60025153  
? Corresponding: Bellotti F.  
51.  
? Title: Explaining a Deep Reinforcement Learning (DRL)-Based Automated Driving Agent in Highway Simulations  
? Venue: IEEE Access  
? Year: 2023  
? Type: Journal  
? Subtype: Article  
? Citations: 26  
? Doi: 10.1109/Access.2023.3259544  
? Scopus ID: 2-s2.0-85151517728  
? eISSN: 21693536  
? Volume: 11  
? Pages: 28522-28550  
? Authors: Bellotti Francesco; Lazzaroni Luca; Capello Alessio; Cossu Marianna; De Gloria Alessandro; Berta Riccardo  
? Keywords: Automated driving | deep Q learning | explainable AI | highway simulation environment | reinforcement learning  
? Quartile:  
2025:  
? Engineering (all) (Q1, rank 42, percentile 88)  
? Computer Science (all) (Q1, rank 41, percentile 83)  
? Materials Science (all) (Q1, rank 101, percentile 78)  
2023:  
? Engineering (all) (Q1, rank 23, percentile 92)  
? Computer Science (all) (Q1, rank 29, percentile 87)  
? Materials Science (all) (Q1, rank 77, percentile 83)  
? Source Id: 21100374601

? Author Ids: 55890888700;57220892898;57388720700;57388479100;7004620974;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

52.

? Title: Designing an Interpretability Analysis Framework for Deep Reinforcement Learning (DRL) Agents in Highway Automated Driving Simulation

? Venue: Lecture Notes in Electrical Engineering

? Year: 2023

? Type: Book Series

? Subtype: Conference Paper

? Citations: 1

? Doi: 10.1007/978-3-031-26066-7\_37

? Scopus ID: 2-s2.0-85149937799

? Issn: 18761100

? eISSN: 18761119

? Volume: 1005 Lnee

? Pages: 239-244

? Authors: Bellotti Francesco; Lazzaroni Luca; Capello Alessio; Cossu Marianna; De Gloria Alessandro; Berta Riccardo

? Keywords: Deep reinforcement learning | Explainable artificial intelligence | Graphical user interface | Interpretability | Machine learning

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

2023:

? Industrial and Manufacturing Engineering (Q4, rank 306, percentile 20)

? Source Id: 19700186822

? Author Ids: 55890888700;57220892898;57388720700;57388479100;7004620974;6701751695

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153

? Corresponding: Bellotti F.

53.

? Title: A Tiny CNN for Embedded Electronic Skin Systems

? Venue: Lecture Notes in Networks and Systems

? Year: 2023

? Type: Book Series

? Subtype: Conference Paper

? Citations: 7

? Doi: 10.1007/978-3-031-16281-7\_53

? Scopus ID: 2-s2.0-85137989088

? Issn: 23673370

? eISSN: 23673389

? Volume: 546 Lnns

? Pages: 564-573

? Authors: Sakr Fouad; Younes Hamoud; Doyle Joseph; Bellotti Francesco; De Gloria Alessandro; Berta Riccardo

? Keywords: Convolution Neural Networks | Electronic skin | Microcontrollers | Tactile processing | Tiny ML

? Quartile:

2025:

? Signal Processing (Q3, rank 146, percentile 25)

? Computer Networks and Communications (Q3, rank 410, percentile 25)

? Control and Systems Engineering (Q4, rank 302, percentile 20)

2023:

? Signal Processing (Q4, rank 113, percentile 14)

- ? Control and Systems Engineering (Q4, rank 277, percentile 13)  
? Computer Networks and Communications (Q4, rank 354, percentile 10)  
? Source Id: 21100901469  
? Author Ids: 57216728100;57204100434;57894878100;55890888700;7004620974;6701751695  
? Authoraffiliationids:  
60025153-60022109;60105670-60112476;60022109;60025153;60025153;60025153  
? Corresponding: Sakr F.
- 54.
- ? Title: Assessing Versatility of a Generic End?to?End Platform for IoT Ecosystem Applications  
? Venue: Sensors  
? Year: 2022  
? Type: Journal  
? Subtype: Article  
? Citations: 15  
? DOI: 10.3390/s22030713  
? Scopus ID: 2-s2.0-85122872651  
? Issn: 14248220  
? Volume: 22  
? Issue: 3  
? Authors: Berta Riccardo; Bellotti Francesco; De Gloria Alessandro; Lazzaroni Luca  
? Keywords: Development tools | Edge computing | Embedded systems and devices | End?to?end systems | IoT  
? Quartile:  
2025:  
? Instrumentation (Q1, rank 19, percentile 90)  
? Electrical and Electronic Engineering (Q1, rank 136, percentile 86)  
? Atomic and Molecular Physics, and Optics (Q1, rank 36, percentile 85)  
? Biochemistry (Q1, rank 72, percentile 84)  
? Information Systems (Q1, rank 87, percentile 82)  
? Analytical Chemistry (Q1, rank 30, percentile 82)  
2022:  
? Instrumentation (Q1, rank 18, percentile 87)  
? Electrical and Electronic Engineering (Q1, rank 146, percentile 80)  
? Atomic and Molecular Physics, and Optics (Q1, rank 47, percentile 77)  
? Analytical Chemistry (Q1, rank 32, percentile 77)  
? Information Systems (Q1, rank 87, percentile 77)  
? Biochemistry (Q2, rank 151, percentile 64)  
? Source Id: 130124  
? Author Ids: 6701751695;55890888700;7004620974;57220892898  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Berta R.
- 55.
- ? Title: Memory Efficient Binary Convolutional Neural Networks on Microcontrollers  
? Venue: Proceedings IEEE International Conference on Edge Computing  
? Year: 2022  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 8  
? Doi: 10.1109/Edge55608.2022.00032  
? Scopus ID: 2-s2.0-85146199600  
? Issn: 27679918  
? Volume: 2022-July  
? Pages: 169-177

- ? Authors: Sakr Fouad; Berta Riccardo; Doyle Joseph; Younes Hamoud; De Gloria Alessandro; Bellotti Francesco  
? Keywords: Binary Neural Networks | C language | Cortex-M microcontrollers | Edge Computing | Robotic touch | Tiny ML  
? Quartile:  
2025:  
? Computer Networks and Communications (Q2, rank 235, percentile 57)  
? Artificial Intelligence (Q2, rank 248, percentile 50)  
? Hardware and Architecture (Q3, rank 118, percentile 49)  
? Source Id: 21101131211  
? Author Ids: 57216728100;6701751695;57894878100;57204100434;7004620974;55890888700  
? Authoraffiliationids: 60022109;60025153;60022109;60110235;60025153;60025153  
? Corresponding: Sakr F.
56.  
? Title: A Serious Game for Using Socio-Economic and Trust Based Decision-Making Scenarios for Elicitation of Emotional Responses  
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics  
? Year: 2022  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1007/978-3-031-22124-8\_5  
? Scopus ID: 2-s2.0-85144422837  
? Issn: 03029743  
? eISSN: 16113349  
? Volume: 13647 Lncs  
? Pages: 43-52  
? Authors: Ahmed Fahad; Carrion Jesus Requena; Bellotti Francesco; Lazzaroni Luca; Barresi Giacinto; Berta Riccardo  
? Keywords: Affective computing | Emotion elicitation | Game theory | Serious games  
? Quartile:  
2025:  
? Theoretical Computer Science (Q3, rank 70, percentile 48)  
? Computer Science (all) (Q3, rank 129, percentile 46)  
2022:  
? Computer Science (all) (Q3, rank 126, percentile 46)  
? Theoretical Computer Science (Q3, rank 84, percentile 34)  
? Source Id: 25674  
? Author Ids: 57207729073;19639194700;55890888700;57220892898;55877110100;6701751695  
? Authoraffiliationids: 60022109-60025153;60022109;60025153;60025153;60102151;60025153  
? Corresponding: Ahmed F.
57.  
? Title: High-Level Decision-Making Non-player Vehicles  
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics  
? Year: 2022  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 3  
? Doi: 10.1007/978-3-031-22124-8\_22  
? Scopus ID: 2-s2.0-85144372798  
? Issn: 03029743  
? eISSN: 16113349

- ? Volume: 13647 Lncs  
? Pages: 223-233  
? Authors: Pighetti Alessandro; Forneris Luca; Lazzaroni Luca; Bellotti Francesco; Capello Alessio; Cossu Marianna; De Gloria Alessandro; Berta Riccardo  
? Keywords: ADAS | Automotive driving | Autonomous agents | Driving games | PPO | Racing games | Reinforcement learning | Serious games  
? Quartile:  
2025:  
? Theoretical Computer Science (Q3, rank 70, percentile 48)  
? Computer Science (all) (Q3, rank 129, percentile 46)  
2022:  
? Computer Science (all) (Q3, rank 126, percentile 46)  
? Theoretical Computer Science (Q3, rank 84, percentile 34)  
? Source Id: 25674  
? Author Ids: 58023909200;58024898300;57220892898;55890888700;57388720700;57388479100;7004620974;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Pighetti A.
58.  
? Title: Spatial Augmented Respiratory Cardiofeedback Design for Prosthetic Embodiment Training: a Pilot Study  
? Venue: Conference Proceedings IEEE International Conference on Systems Man and Cybernetics  
? Year: 2022  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 6  
? Doi: 10.1109/Smc53654.2022.9945493  
? Scopus ID: 2-s2.0-85142739531  
? Issn: 1062922x  
? Volume: 2022-October  
? Pages: 3390-3395  
? Authors: Salatino Laura; Deshpande Nikhil; Demarzi Giorgio; Berta Riccardo; Zambotti Massimiliano De; Boccardo Nicolo; Freddolini Marco; Laffranchi Matteo; Michieli Lorenzo De; Barresi Giacinto  
? Keywords: augmented reality | biofeedback | embodiment | heart rate variability | prosthetics | training  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q3, rank 643, percentile 35)  
? Control and Systems Engineering (Q3, rank 257, percentile 32)  
? Human-Computer Interaction (Q4, rank 155, percentile 19)  
? Source Id: 145097  
? Author Ids: 57983185900;7101721271;57983419300;6701751695;59158327500;57191479373;57194216995;35409513900;26427627700;55877110100  
? Authoraffiliationids: 60102151;60102151;60025153;60025153;60000461;60102151;60102151;60102151;60102151  
? Corresponding: Salatino L.
59.  
? Title: Modeling the Line Interruption Issue in a Railway Network  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2022  
? Type: Book Series

- ? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1007/978-3-030-95498-7\_35  
? Scopus ID: 2-s2.0-85128755771  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 866 Lnee  
? Pages: 249-255  
? Authors: Fronda Luca; Berta Riccardo; Cesario Paolo; De Gloria Alessandro; Bellotti Francesco  
? Keywords: Flatland | Multi agent path finding | Railway interruption | Reinforcement learning  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2022:  
? Industrial and Manufacturing Engineering (Q4, rank 295, percentile 17)  
? Source Id: 19700186822  
? Author Ids: 57212479749;6701751695;7801585159;7004620974;55890888700  
? Authoraffiliationids: 60025153;60025153;125818982;60025153;60025153  
? Corresponding: Fronda L.
60.  
? Title: Developing a Synthetic Dataset for Driving Scenarios  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2022  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 6  
? Doi: 10.1007/978-3-030-95498-7\_43  
? Scopus ID: 2-s2.0-85128751579  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 866 Lnee  
? Pages: 310-316  
? Authors: Motta Jacopo; Bellotti Francesco; Berta Riccardo; Capello Alessio; Cossu Marianna; De Gloria Alessandro; Lazzaroni Luca; Bonora Stefano  
? Keywords: Automated driving | CARLA driving simulator | Deep learning | Driving scenarios | Synthetic datasets | Video classification  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2022:  
? Industrial and Manufacturing Engineering (Q4, rank 295, percentile 17)  
? Source Id: 19700186822  
? Author Ids: 58708511900;55890888700;6701751695;57388720700;57388479100;7004620974;57220892898;57612714400  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Motta J.
61.  
? Title: Classifying Simulated Driving Scenarios from Automated Cars  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2022  
? Type: Book Series

? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1007/978-3-030-95498-7\_32  
? Scopus ID: 2-s2.0-85128735875  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 866 Lnee  
? Pages: 229-235  
? Authors: Cossu Marianna; Villon Jorge Leonardo Quimi; Bellotti Francesco; Capello Alessio; De Gloria Alessandro; Lazzaroni Luca; Berta Riccardo  
? Keywords: Automated driving | CarLA driving simulator | Convolutional neural network | Deep learning | Spatio-temporal convolution | Three-dimensional convolution | Time-series | Video classification  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2022:  
? Industrial and Manufacturing Engineering (Q4, rank 295, percentile 17)  
? Source Id: 19700186822  
? Author Ids:  
57388479100;57612049500;55890888700;57388720700;7004620974;57220892898;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Cossu M.  
62.  
? Title: Self-learning pipeline for low-energy resource-constrained devices  
? Venue: Energies  
? Year: 2021  
? Type: Journal  
? Subtype: Article  
? Citations: 4  
? DOI: 10.3390/en14206636  
? Scopus ID: 2-s2.0-85117338696  
? eISSN: 19961073  
? Volume: 14  
? Issue: 20  
? Authors: Sakr Fouad; Berta Riccardo; Doyle Joseph; De Gloria Alessandro; Bellotti Francesco  
? Keywords: Autonomous systems | Decision tree | Edge computing | K-NN | Machine learning | On-device training | Resource-constrained devices | Self-learning | STM32 NUCLEO  
? Quartile:  
2025:  
? Control and Optimization (Q1, rank 11, percentile 94)  
? Engineering (miscellaneous) (Q1, rank 38, percentile 86)  
? Electrical and Electronic Engineering (Q1, rank 155, percentile 84)  
? Energy Engineering and Power Technology (Q1, rank 71, percentile 78)  
? Fuel Technology (Q2, rank 40, percentile 70)  
? Renewable Energy, Sustainability and the Environment (Q2, rank 110, percentile 64)  
? Energy (miscellaneous) (Q2, rank 39, percentile 64)  
2021:  
? Control and Optimization (Q1, rank 18, percentile 85)  
? Engineering (miscellaneous) (Q1, rank 19, percentile 83)  
? Subject (Q1, rank 51, percentile 76)  
? Energy (miscellaneous) (Q2, rank 10, percentile 72)

? Electrical and Electronic Engineering (Q2, rank 201, percentile 71)  
? Energy Engineering and Power Technology (Q2, rank 73, percentile 69)  
? Fuel Technology (Q2, rank 38, percentile 65)  
? Renewable Energy, Sustainability and the Environment (Q2, rank 90, percentile 58)  
? Source Id: 62932  
? Author Ids: 57216728100;6701751695;57894878100;7004620974;55890888700  
? Authoraffiliationids: 60025153-60022109;60025153;60022109;60025153;60025153  
? Corresponding: Sakr F.

63.

? Title: Memory-Efficient CMSIS-NN with Replacement Strategy  
? Venue: Proceedings 2021 International Conference on Future Internet of Things and Cloud Ficloud 2021  
? Year: 2021  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 7  
? DOI: 10.1109/FiCloud49777.2021.00050  
? Scopus ID: 2-s2.0-85119662249  
? Pages: 299-303  
? Authors: Sakr Fouad; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Doyle Joseph  
? Keywords: CMSIS-NN | deep learning | edge computing | memory reduction | Microcontroller Units | sequential execution  
? Source Id: 21101066384  
? Author Ids: 57216728100;55890888700;6701751695;7004620974;57894878100  
? Authoraffiliationids: 60025153-60022109;60025153;60025153;60025153;60022109  
? Corresponding: Sakr F.

64.

? Title: IoT sensing for reality-enhanced serious games, a fuel-efficient drive use case  
? Venue: Sensors  
? Year: 2021  
? Type: Journal  
? Subtype: Article  
? Citations: 12  
? DOI: 10.3390/s21103559  
? Scopus ID: 2-s2.0-85106167439  
? Issn: 14248220  
? Volume: 21  
? Issue: 10  
? Authors: Massoud Rana; Berta Riccardo; Poslad Stefan; Gloria Alessandro De; Bellotti Francesco  
? Keywords: Eco-driving | Fuel consumption | Internet of Things (IoT) | Machine learning (ML) | On-board diagnostic-II (OBD-II) | Reality-enhanced serious games (RESGs) | Serious game (SG)  
? Quartile:

2025:

? Instrumentation (Q1, rank 19, percentile 90)  
? Electrical and Electronic Engineering (Q1, rank 136, percentile 86)  
? Atomic and Molecular Physics, and Optics (Q1, rank 36, percentile 85)  
? Biochemistry (Q1, rank 72, percentile 84)  
? Information Systems (Q1, rank 87, percentile 82)  
? Analytical Chemistry (Q1, rank 30, percentile 82)

2021:

? Instrumentation (Q1, rank 12, percentile 91)  
? Electrical and Electronic Engineering (Q1, rank 134, percentile 81)  
? Atomic and Molecular Physics, and Optics (Q1, rank 42, percentile 79)  
? Analytical Chemistry (Q1, rank 27, percentile 79)  
? Information Systems (Q1, rank 77, percentile 78)  
? Biochemistry (Q2, rank 145, percentile 66)  
? Source Id: 130124  
? Author Ids: 57211241182;6701751695;6602121665;7004620974;55890888700  
? Authoraffiliationids: 60025153-60022109;60025153;60022109;60025153;60025153  
? Corresponding: Massoud R.

65.

? Title: Atmosphere, an Open Source Measurement-Oriented Data Framework for IoT  
? Venue: IEEE Transactions on Industrial Informatics  
? Year: 2021  
? Type: Journal  
? Subtype: Article  
? Citations: 19  
? Doi: 10.1109/Tii.2020.2994414  
? Scopus ID: 2-s2.0-85097713686  
? Issn: 15513203  
? eISSN: 19410050  
? Volume: 17  
? Issue: 3  
? Pages: 1927-1936  
? Authors: Berta Riccardo; Kobeissi Ahmad; Bellotti Francesco; De Gloria Alessandro  
? Keywords: Application programming interface (API) | autonomous driving | cloud |  
e-health | e-mobility | Internet of Thing (IoT) | NoSQL database | open source |  
representational state transfer (REST)ful | smart city  
? Quartile:

2025:

? Information Systems (Q1, rank 9, percentile 98)  
? Electrical and Electronic Engineering (Q1, rank 20, percentile 98)  
? Computer Science Applications (Q1, rank 22, percentile 97)  
? Control and Systems Engineering (Q1, rank 9, percentile 97)

2021:

? Computer Science Applications (Q1, rank 7, percentile 99)  
? Control and Systems Engineering (Q1, rank 4, percentile 98)  
? Electrical and Electronic Engineering (Q1, rank 13, percentile 98)  
? Information Systems (Q1, rank 7, percentile 98)

? Source Id: 144912

? Author Ids: 6701751695;57190381235;55890888700;7004620974

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Berta R.

66.

? Title: An Affordance Detection Pipeline for Resource-Constrained Devices  
? Venue: 2021 28th IEEE International Conference on Electronics Circuits and Systems  
Icecs 2021 Proceedings  
? Year: 2021  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 7  
? Doi: 10.1109/Icecs53924.2021.9665447  
? Scopus ID: 2-s2.0-85124616513  
? Authors: Apicella Tommaso; Cavallaro Andrea; Berta Riccardo; Gastaldo Paolo; Bellotti

? Francesco; Ragusa Edoardo

? Keywords: affordance detection | CNNs | object detection | resource-constrained

? Source Id: 21101075833

? Author Ids: 57216366806;7103233230;6701751695;35612596100;55890888700;56580248800

? Authoraffiliationids: 60025153-60022109;60022109;60025153;60025153;60025153;60025153

? Corresponding: Apicella T.

67.

? Title: Adapting Autonomous Agents for Automotive Driving Games

? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics

? Year: 2021

? Type: Book Series

? Subtype: Conference Paper

? Citations: 6

? Doi: 10.1007/978-3-030-92182-8\_10

? Scopus ID: 2-s2.0-85121903622

? Issn: 03029743

? eISSN: 16113349

? Volume: 13134 Lncs

? Pages: 101-110

? Authors: Campodonico Gabriele; Bellotti Francesco; Berta Riccardo; Capello Alessio;

Cossu Marianna; De Gloria Alessandro; Lazzaroni Luca; Taccioli Tommaso; Davio Federico

? Keywords: Automotive driving | Autonomous agents | Deep Q learning | Metrics |

Reinforcement learning | Rewards and penalties | Serious games | Stable baselines

? Quartile:

2025:

? Theoretical Computer Science (Q3, rank 70, percentile 48)

? Computer Science (all) (Q3, rank 129, percentile 46)

2021:

? Computer Science (all) (Q2, rank 114, percentile 50)

? Theoretical Computer Science (Q3, rank 78, percentile 36)

? Source Id: 25674

? Author Ids: 57388399300;55890888700;6701751695;57388720700;57388479100;7004620974;572

20892898;57388797900;57388317900

? Authoraffiliationids:

60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153

? Corresponding: Campodonico G.

68.

? Title: Analysis of factors affecting the auditory attention of non-native speakers in e-learning environments

? Venue: Electronic Journal of E Learning

? Year: 2021

? Type: Journal

? Subtype: Article

? Citations: 3

? Scopus ID: 2-s2.0-85114019126

? eISSN: 14794403

? Volume: 19

? Issue: 3

? Pages: 159-169

? Authors: Bajaj Nikesh; Carriñón Jesú's Requena; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro

? Keywords: Auditory attention | Cognitive psychology | E-Learning environment | Listening task | Non-native speakers

? Quartile:

2025:

? Education (Q1, rank 131, percentile 92)

? Computer Science Applications (Q1, rank 208, percentile 78)

2021:

? Education (Q1, rank 298, percentile 78)

? Computer Science Applications (Q2, rank 326, percentile 56)

? Source Id: 21100201056

? Author Ids: 48361087400;19639194700;55890888700;6701751695;7004620974

? Authoraffiliationids: 60022109-60025153;60022109;60025153;60025153;60025153

? Corresponding: Bajaj N.

69.

? Title: Position Estimation of Small UAV from Monocular Camera by Using Matched Features

? Venue: Lecture Notes in Networks and Systems

? Year: 2021

? Type: Book Series

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1007/978-981-33-4501-0\_39

? Scopus ID: 2-s2.0-85105956250

? Issn: 23673370

? eISSN: 23673389

? Volume: 177 Lnns

? Pages: 421-429

? Authors: Dhungana Hariom; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro

? Keywords: Positioning | UAV | Visual odometry | Visual SLAM

? Quartile:

2025:

? Signal Processing (Q3, rank 146, percentile 25)

? Computer Networks and Communications (Q3, rank 410, percentile 25)

? Control and Systems Engineering (Q4, rank 302, percentile 20)

2021:

? Control and Systems Engineering (Q4, rank 236, percentile 12)

? Computer Networks and Communications (Q4, rank 321, percentile 10)

? Signal Processing (Q4, rank 104, percentile 10)

? Source Id: 21100901469

? Author Ids: 58805795400;55890888700;6701751695;7004620974

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Dhungana H.

70.

? Title: Exploring Unsupervised Learning on STM32 F4 Microcontroller

? Venue: Lecture Notes in Electrical Engineering

? Year: 2021

? Type: Book Series

? Subtype: Conference Paper

? Citations: 2

? Doi: 10.1007/978-3-030-66729-0\_5

? Scopus ID: 2-s2.0-85101776358

? Issn: 18761100

? eISSN: 18761119

? Volume: 738

? Pages: 39-46

? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Doyle Joseph; Sakr

Fouad

? Keywords: Arduino | Development tools | Edge computing | IoT | Platform-independence

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

2021:

? Industrial and Manufacturing Engineering (Q4, rank 280, percentile 17)

? Source Id: 19700186822

? Author Ids: 55890888700;6701751695;7004620974;57894878100;57216728100

? Authoraffiliationids: 60025153;60025153;60025153;60022109;60025153

? Corresponding: Bellotti F.

71.

? Title: Edgine, A Runtime System for IoT Edge Applications

? Venue: Lecture Notes in Electrical Engineering

? Year: 2021

? Type: Book Series

? Subtype: Conference Paper

? Citations: 2

? Doi: 10.1007/978-3-030-66729-0\_31

? Scopus ID: 2-s2.0-85101757952

? Issn: 18761100

? eISSN: 18761119

? Volume: 738

? Pages: 261-266

? Authors: Berta Riccardo; Mazzara Andrea; Bellotti Francesco; De Gloria Alessandro; Lazzaroni Luca

? Keywords: Arduino | Development tools | Edge computing | IoT | Platform-independence

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

2021:

? Industrial and Manufacturing Engineering (Q4, rank 280, percentile 17)

? Source Id: 19700186822

? Author Ids: 6701751695;57220898093;55890888700;7004620974;57220892898

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153

? Corresponding: Berta R.

72.

? Title: Survey of Positioning Technologies for In-Tunnel Railway Maintenance

? Venue: Lecture Notes in Electrical Engineering

? Year: 2021

? Type: Book Series

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1007/978-3-030-66729-0\_30

? Scopus ID: 2-s2.0-85101734689

? Issn: 18761100

? eISSN: 18761119

? Volume: 738

? Pages: 252-257

? Authors: Fronda Luca; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Cesario Paolo

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

2021:

- ? Industrial and Manufacturing Engineering (Q4, rank 280, percentile 17)
- ? Source Id: 19700186822
- ? Author Ids: 57212479749;55890888700;6701751695;7004620974;7801585159
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;125818982
- ? Corresponding: Fronda L.

73.

- ? Title: Performance Comparison of Imputation Methods in Building Energy Data Sets
- ? Venue: Lecture Notes in Electrical Engineering
- ? Year: 2021
- ? Type: Book Series
- ? Subtype: Conference Paper
- ? Citations: 4
- ? Doi: 10.1007/978-3-030-66729-0\_17
- ? Scopus ID: 2-s2.0-85101733522
- ? Issn: 18761100
- ? eISSN: 18761119
- ? Volume: 738
- ? Pages: 144-151
- ? Authors: Dhungana Hariom; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro

? Quartile:

2025:

- ? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

2021:

- ? Industrial and Manufacturing Engineering (Q4, rank 280, percentile 17)
- ? Source Id: 19700186822
- ? Author Ids: 58805795400;55890888700;6701751695;7004620974
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153
- ? Corresponding: Dhungana H.

74.

- ? Title: Managing big data for addressing research questions in a collaborative project on automated driving impact assessment
  - ? Venue: Sensors Switzerland
  - ? Year: 2020
  - ? Type: Journal
  - ? Subtype: Article
  - ? Citations: 11
  - ? DOI: 10.3390/s20236773
  - ? Scopus ID: 2-s2.0-85096689300
  - ? Issn: 14248220
  - ? Volume: 20
  - ? Issue: 23
  - ? Pages: 1-18
  - ? Authors: Bellotti Francesco; Osman Nisrine; Arnold Eduardo H.; Mozaffari Sajjad; Innamaa Satu; Louw Tyron; Torrao Guilhermina; Weber Hendrik; Hiller Johannes; De Gloria Alessandro; Dianati Mehrdad; Berta Riccardo
  - ? Keywords: Collaborative project methodology | Connected and automated driving | Deployment and field testing | Impact assessment | Knowledge management | Research data collection and sharing | Vehicular sensors
  - ? Quartile:
- 2025:
- ? Instrumentation (Q1, rank 19, percentile 90)
  - ? Electrical and Electronic Engineering (Q1, rank 136, percentile 86)
  - ? Atomic and Molecular Physics, and Optics (Q1, rank 36, percentile 85)

? Biochemistry (Q1, rank 72, percentile 84)  
? Information Systems (Q1, rank 87, percentile 82)  
? Analytical Chemistry (Q1, rank 30, percentile 82)

2020:

? Instrumentation (Q1, rank 13, percentile 90)  
? Electrical and Electronic Engineering (Q1, rank 135, percentile 80)  
? Information Systems (Q1, rank 69, percentile 79)  
? Atomic and Molecular Physics, and Optics (Q1, rank 42, percentile 78)  
? Analytical Chemistry (Q1, rank 29, percentile 76)  
? Biochemistry (Q2, rank 133, percentile 67)

? Source Id: 130124

? Author Ids: 55890888700;57211020486;57211023741;57219585131;56086039800;57191277294;8

285739600;56408841800;57213482363;7004620974;8930535800;6701751695

? Authoraffiliationids: 60025153;60025153;60163100;60163100;60033191;60012070;60033191;  
60016653;60016653;60025153;60163100;60025153

? Corresponding: Bellotti F.

75.

? Title: REAL: Reality-Enhanced Applied Games

? Venue: IEEE Transactions on Games

? Year: 2020

? Type: Journal

? Subtype: Article

? Citations: 10

? Doi: 10.1109/Tg.2019.2940108

? Scopus ID: 2-s2.0-85091765367

? Issn: 24751502

? eISSN: 24751510

? Volume: 12

? Issue: 3

? Pages: 281-290

? Authors: Bellotti Francesco; Berta Riccardo; Paranthaman Pratheep; Dange Gautam; De Gloria Alessandro

? Keywords: Applied games | automotive | Internet of Things (IoT) | pervasive games | RESTful API | serious games

? Quartile:

2025:

? Electrical and Electronic Engineering (Q2, rank 277, percentile 72)

? Control and Systems Engineering (Q2, rank 112, percentile 70)

? Software (Q2, rank 172, percentile 65)

? Artificial Intelligence (Q2, rank 175, percentile 64)

2020:

? Electrical and Electronic Engineering (Q2, rank 193, percentile 72)

? Control and Systems Engineering (Q2, rank 76, percentile 70)

? Artificial Intelligence (Q2, rank 86, percentile 62)

? Software (Q2, rank 150, percentile 61)

? Source Id: 21101013582

? Author Ids: 55890888700;6701751695;57118159800;57118289600;7004620974

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153

? Corresponding: Bellotti F.

76.

? Title: The L3Pilot data management toolchain for a level 3 vehicle automation pilot

? Venue: Electronics Switzerland

? Year: 2020

? Type: Journal

? Subtype: Article  
? Citations: 11  
? DOI: 10.3390/electronics9050809  
? Scopus ID: 2-s2.0-85085151886  
? eISSN: 20799292  
? Volume: 9  
? Issue: 5  
? Authors: Hiller Johannes; Koskinen Sami; Berta Riccardo; Osman Nisrine; Nagy Ben; Bellotti Francesco; Rahman Ashfaqur; Svanberg Erik; Weber Hendrik; Arnold Eduardo H.; Dianati Mehrdad; De Gloria Alessandro  
? Keywords: Automated vehicles | Big data | Data toolchain | Edge-to-cloud architectures | Field operational tests | Internet of things | IoT | Reference architecture  
? Quartile:  
2025:  
? Signal Processing (Q1, rank 36, percentile 81)  
? Electrical and Electronic Engineering (Q1, rank 220, percentile 78)  
? Control and Systems Engineering (Q1, rank 91, percentile 76)  
? Computer Networks and Communications (Q1, rank 131, percentile 76)  
? Hardware and Architecture (Q2, rank 62, percentile 73)  
2020:  
? Control and Systems Engineering (Q2, rank 123, percentile 52)  
? Computer Networks and Communications (Q2, rank 161, percentile 51)  
? Electrical and Electronic Engineering (Q2, rank 334, percentile 51)  
? Signal Processing (Q3, rank 59, percentile 45)  
? Hardware and Architecture (Q3, rank 94, percentile 40)  
? Source Id: 21100829272  
? Author Ids: 57213482363;56460962400;6701751695;57211020486;57610300200;55890888700;57215858260;57062706600;56408841800;57211023741;8930535800;7004620974  
? Authoraffiliationids: 60016653;60033191;60025153;60025153;60105275;60025153;60105275;60000990;60016653;60163100;60163100;60025153  
? Corresponding: Hiller J.

77.

? Title: Machine learning on mainstream microcontrollers?  
? Venue: Sensors Switzerland  
? Year: 2020  
? Type: Journal  
? Subtype: Article  
? Citations: 89  
? DOI: 10.3390/s20092638  
? Scopus ID: 2-s2.0-85084385541  
? Issn: 14248220  
? Volume: 20  
? Issue: 9  
? Authors: Sakr Fouad; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro  
? Keywords: ANN | ARM | Decision trees | Edge analytics | Edge computing | Embedded devices | K-NN | Machine learning | STM32 Nucleo | SVM | X-Cube-AI  
? Quartile:  
2025:  
? Instrumentation (Q1, rank 19, percentile 90)  
? Electrical and Electronic Engineering (Q1, rank 136, percentile 86)  
? Atomic and Molecular Physics, and Optics (Q1, rank 36, percentile 85)  
? Biochemistry (Q1, rank 72, percentile 84)  
? Information Systems (Q1, rank 87, percentile 82)

? Analytical Chemistry (Q1, rank 30, percentile 82)  
2020:  
? Instrumentation (Q1, rank 13, percentile 90)  
? Electrical and Electronic Engineering (Q1, rank 135, percentile 80)  
? Information Systems (Q1, rank 69, percentile 79)  
? Atomic and Molecular Physics, and Optics (Q1, rank 42, percentile 78)  
? Analytical Chemistry (Q1, rank 29, percentile 76)  
? Biochemistry (Q2, rank 133, percentile 67)  
? Source Id: 130124  
? Author Ids: 57216728100;55890888700;6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Sakr F.

78.  
? Title: The Fabric ICT Platform for Managing Wireless Dynamic Charging Road Lanes  
? Venue: IEEE Transactions on Vehicular Technology  
? Year: 2020  
? Type: Journal  
? Subtype: Article  
? Citations: 48  
? Doi: 10.1109/Tvt.2020.2968211  
? Scopus ID: 2-s2.0-85082054930  
? Issn: 00189545  
? eISSN: 19399359  
? Volume: 69  
? Issue: 3  
? Pages: 2501-2512  
? Authors: Cirimele Vincenzo; La Ganga Alessandro; Colussi Jacopo; Gloria Alessandro De; Diana Michela; Bellotti Francesco; Berta Riccardo; Sayed Nadim El; Kobeissi Ahmad; Guglielmi Paolo; Ruffo Riccardo; Khalilian Mojtaba  
? Keywords: authentication authorization and accounting | Dynamic inductive power transfer | electric vehicles | energy billing | lane alignment  
? Quartile:  
2025:  
? Aerospace Engineering (Q1, rank 5, percentile 97)  
? Electrical and Electronic Engineering (Q1, rank 63, percentile 93)  
? Automotive Engineering (Q1, rank 9, percentile 93)  
? Computer Networks and Communications (Q1, rank 38, percentile 93)  
2020:  
? Subject (Q1, rank 9, percentile 98)  
? Aerospace Engineering (Q1, rank 3, percentile 98)  
? Automotive Engineering (Q1, rank 6, percentile 94)  
? Electrical and Electronic Engineering (Q1, rank 51, percentile 92)  
? Source Id: 17393  
? Author Ids: 56161412600;57202398337;57211852786;7004620974;57191244751;55890888700;6701751695;55799811800;57190381235;7003900562;57190382710;55105373800  
? Authoraffiliationids: 60012162;60012162;60012162;60025153;60012162;60025153;60025153;60011604;60025153;60012162;60012162;60012162  
? Corresponding: Cirimele V.

79.  
? Title: Employing an IoT Framework as a Generic Serious Games Analytics Engine  
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics  
? Year: 2020  
? Type: Book Series

? Subtype: Conference Paper  
? Citations: 10  
? Doi: 10.1007/978-3-030-63464-3\_8  
? Scopus ID: 2-s2.0-85097806513  
? Issn: 03029743  
? eISSN: 16113349  
? Volume: 12517 Lncs  
? Pages: 79-88  
? Authors: Lazzaroni Luca; Mazzara Andrea; Bellotti Francesco; De Gloria Alessandro; Berta Riccardo  
? Keywords: Game development | Game engine plug-in | Internet of Things | Reality-enhanced games | System architecture | Virtual sensors  
? Quartile:  
2025:  
? Theoretical Computer Science (Q3, rank 70, percentile 48)  
? Computer Science (all) (Q3, rank 129, percentile 46)  
2020:  
? Computer Science (all) (Q2, rank 113, percentile 50)  
? Theoretical Computer Science (Q4, rank 91, percentile 24)  
? Source Id: 25674  
? Author Ids: 57220892898;57220898093;55890888700;7004620974;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Lazzaroni L.

80.  
? Title: Fine-Grain Traffic Control for Smart Intersections  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2020  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1007/978-3-030-37277-4\_40  
? Scopus ID: 2-s2.0-85083328733  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 627  
? Pages: 349-354  
? Authors: Bellitto Jessica; Schenone Valentina; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro  
? Keywords: Adaptive traffic light | Intelligent transportation systems | Safety requirements | Smart intersections | Timed cyber-physical systems | Uppaal  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2020:  
? Industrial and Manufacturing Engineering (Q4, rank 268, percentile 20)  
? Source Id: 19700186822  
? Author Ids: 57216373581;57216360162;55890888700;6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Bellitto J.

81.  
? Title: Analyzing Machine Learning on Mainstream Microcontrollers  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2020  
? Type: Book Series

? Subtype: Conference Paper  
? Citations: 19  
? Doi: 10.1007/978-3-030-37277-4\_12  
? Scopus ID: 2-s2.0-85083313953  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 627  
? Pages: 103-108  
? Authors: Falbo Vincenzo; Apicella Tommaso; Aurioso Daniele; Danese Luisa; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro  
? Keywords: Artificial neural networks | Edge computing | Machine learning | Microcontrollers | X-Cube-AI  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2020:  
? Industrial and Manufacturing Engineering (Q4, rank 268, percentile 20)  
? Source Id: 19700186822  
? Author Ids:  
57216373623;57216366806;57216372174;57216367219;55890888700;6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Falbo V.  
82.  
? Title: IoT Ubiquitous Edge Engine Implementation on the Raspberry PI  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2020  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1007/978-3-030-37277-4\_54  
? Scopus ID: 2-s2.0-85083304197  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 627  
? Pages: 469-475  
? Authors: Kobeissi Ahmad; Berta Riccardo; Bellotti Francesco; De Gloria Alessandro  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2020:  
? Industrial and Manufacturing Engineering (Q4, rank 268, percentile 20)  
? Source Id: 19700186822  
? Author Ids: 57190381235;6701751695;55890888700;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Kobeissi A.  
83.  
? Title: Automatic and tunable algorithm for EEG artifact removal using wavelet decomposition with applications in predictive modeling during auditory tasks  
? Venue: Biomedical Signal Processing and Control  
? Year: 2020  
? Type: Journal  
? Subtype: Article  
? Citations: 61  
? DOI: 10.1016/j.bspc.2019.101624

? Scopus ID: 2-s2.0-85070706315  
? Issn: 17468094  
? eISSN: 17468108  
? Volume: 55  
? Authors: Bajaj Nikesh; Requena Carriñen Jes's; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro  
? Keywords: Artifacts removal | Auditory task | Brain?computer interface | Electroencephalogram | Predictive modeling | Wavelet packet decomposition  
? Quartile:  
2025:  
? Signal Processing (Q1, rank 14, percentile 93)  
? Health Informatics (Q1, rank 13, percentile 92)  
? Biomedical Engineering (Q1, rank 44, percentile 86)  
2020:  
? Health Informatics (Q1, rank 13, percentile 86)  
? Signal Processing (Q1, rank 19, percentile 82)  
? Source Id: 4700152237  
? Author Ids: 48361087400;19639194700;55890888700;6701751695;7004620974  
? Authoraffiliationids: 60022109-60025153;60022109;60025153;60022109;60025153  
? Corresponding: Bajaj N.

84.  
? Title: Eco-driving profiling and behavioral shifts using IoT vehicular sensors combined with serious games  
? Venue: IEEE Conference on Computational Intelligence and Games Cig  
? Year: 2019  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 22  
? Doi: 10.1109/Cig.2019.8847992  
? Scopus ID: 2-s2.0-85073098958  
? Issn: 23254270  
? eISSN: 23254289  
? Volume: 2019-August  
? Authors: Massoud Rana; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Poslad Stefan  
? Keywords: Driving pattern | Eco-driving | Feedback | Fuel consumption (FC) | Fuel efficiency | Gamification | Internet of Things (IoT) | On-Board Diagnostics-II (OBD-II) | Serious Games (SG)  
? Quartile:  
2025:  
? Computer Graphics and Computer-Aided Design (Q3, rank 77, percentile 41)  
? Computer Vision and Pattern Recognition (Q3, rank 107, percentile 37)  
? Artificial Intelligence (Q3, rank 328, percentile 33)  
? Software (Q3, rank 360, percentile 28)  
? Human-Computer Interaction (Q4, rank 147, percentile 23)  
? Source Id: 21100283373  
? Author Ids: 57211241182;55890888700;6701751695;7004620974;6602121665  
? Authoraffiliationids: 60025153-60022109;60025153;60025153;60025153;60022109  
? Corresponding: Massoud R.

85.  
? Title: Towards an IoT-enabled dynamic wireless charging metering service for electrical vehicles  
? Venue: 2019 Aeit International Conference of Electrical and Electronic Technologies for Automotive Aeit Automotive 2019

- ? Year: 2019  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 3  
? Doi: 10.23919/Eeta.2019.8804571  
? Scopus ID: 2-s2.0-85072055949  
? Authors: Kobeissi Ahmad; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro  
? Keywords: Cloud | Edge computation | IoT | REST API | Wireless charging vehicles  
? Source Id: 21100928207  
? Author Ids: 57190381235;55890888700;6701751695;7004620974  
? Authoraffiliationids: 60025153-60068774;60025153;60025153;60025153  
? Corresponding: Kobeissi A.
86.  
? Title: Designing an IoT framework for automated driving impact analysis  
? Venue: IEEE Intelligent Vehicles Symposium Proceedings  
? Year: 2019  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 8  
? Doi: 10.1109/Ivs.2019.8813989  
? Scopus ID: 2-s2.0-85072302848  
? Volume: 2019-June  
? Pages: 1111-1117  
? Authors: Bellotti Francesco; Berta Riccardo; Kobeissi Ahmad; Osman Nisrine; Arnold Eduardo; Dianati Mehrdad; Nagy Ben; De Gloria Alessandro  
? Keywords: Automated driving | Data modeling | Database | IoT | MongoDB | NodeJs | REST API  
? Source Id: 21100929300  
? Author Ids: 55890888700;6701751695;57190381235;57211020486;57211023741;8930535800;57610300200;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60163100;60163100;60105275;60025153  
? Corresponding: Bellotti F.
87.  
? Title: Designing an IoT-focused, Multiplayer Serious Game for Industry 4.0 Innovation  
? Venue: Proceedings 2019 IEEE International Conference on Engineering Technology and Innovation ICE Itmc 2019  
? Year: 2019  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 9  
? Doi: 10.1109/Ice.2019.8792680  
? Scopus ID: 2-s2.0-85071507858  
? Authors: Oliveri Matteo; Hauge Jannicke Baalsrud; Bellotti Francesco; Berta Riccardo; Gloria Alessandro De  
? Keywords: ATMSG | design | industry 4.0 | internet of things | serious games  
? Source Id: 21100926507  
? Author Ids: 57210799518;16233132400;55890888700;6701751695;7004620974  
? Authoraffiliationids: 60025153;60002014;60025153;60025153;60025153  
? Corresponding: Oliveri M.
88.  
? Title: Exploring Fuzzy Logic and Random Forest for Car Drivers' Fuel Consumption Estimation in IoT-Enabled Serious Games  
? Venue: Proceedings 2019 IEEE 14th International Symposium on Autonomous Decentralized

Systems Isads 2019

? Year: 2019

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 11

? Doi: 10.1109/Isads45777.2019.9155706

? Scopus ID: 2-s2.0-85091571696

? Authors: Massoud Rana; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Poslad Stefan

? Keywords: fuel consumption | fuzzy logic | IoT | machine learning | On-Board Diagnostics-II (OBD-II) | random forest | Serious Games | user modelling

? Source Id: 21101022131

? Author Ids: 57211241182;55890888700;6701751695;7004620974;6602121665

? Authoraffiliationids: 60025153-60022109;60025153;60025153;60025153;60022109

? Corresponding: Massoud R.

89.

? Title: TEAM Applications for Collaborative Road Mobility

? Venue: IEEE Transactions on Industrial Informatics

? Year: 2019

? Type: Journal

? Subtype: Article

? Citations: 18

? Doi: 10.1109/Tii.2018.2850005

? Scopus ID: 2-s2.0-85049063833

? Issn: 15513203

? Volume: 15

? Issue: 2

? Pages: 1105-1119

? Authors: Bellotti Francesco; Kopetzki Sven; Berta Riccardo; Paranthaman Pratheep Kumar; Dange Gautam Ravindra; Lytrivis Panagiotis; Amditis Angelos J.; Raffero Mattia; Aittoniemi Elina; Basso Rafael; Radusch Ilja; De Gloria Alessandro

? Keywords: Automotive applications | automotive electronics | connected vehicle | field tests | human-machine interaction | mobile apps | smart cars

? Quartile:

2025:

? Information Systems (Q1, rank 9, percentile 98)

? Electrical and Electronic Engineering (Q1, rank 20, percentile 98)

? Computer Science Applications (Q1, rank 22, percentile 97)

? Control and Systems Engineering (Q1, rank 9, percentile 97)

2019:

? Information Systems (Q1, rank 6, percentile 98)

? Computer Science Applications (Q1, rank 14, percentile 97)

? Control and Systems Engineering (Q1, rank 6, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 24, percentile 96)

? Source Id: 144912

? Author Ids: 55890888700;55632996000;6701751695;57118159800;57118289600;24723084200;6602330457;57225231071;55762849100;56644399300;22981032300;7004620974

? Authoraffiliationids: 60025153;60077811;60025153;60025153;60025153;60002947;60002947;122152177;60033191;60223189;60072186;60025153

? Corresponding: Bellotti F.

90.

? Title: Towards a reality-enhanced serious game to promote eco-driving in the wild

? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics

? Year: 2019  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 6  
? Doi: 10.1007/978-3-030-34350-7\_24  
? Scopus ID: 2-s2.0-85082487592  
? Issn: 03029743  
? eISSN: 16113349  
? Volume: 11899 Lncs  
? Pages: 245-255  
? Authors: Massoud Rana; Bellotti Francesco; Poslad Stefan; Berta Riccardo; De Gloria Alessandro  
? Keywords: Driving pattern | Eco-driving | Fuel consumption (FC) | Fuel efficiency | Gamification | Reality-enhanced serious game (RESG) | Serious game (SG)

? Quartile:

2025:

? Theoretical Computer Science (Q3, rank 70, percentile 48)  
? Computer Science (all) (Q3, rank 129, percentile 46)

2019:

? Computer Science (all) (Q2, rank 95, percentile 57)  
? Theoretical Computer Science (Q3, rank 77, percentile 35)

? Source Id: 25674

? Author Ids: 57211241182;55890888700;6602121665;6701751695;7004620974

? Authoraffiliationids: 60025153-60022109;60025153;60022109;60025153;60025153

? Corresponding: Massoud R.

91.

? Title: 3D software simulator for primary care training  
? Venue: 8th International Workshop on Innovative Simulation for Health Care Iwish 2019  
? Year: 2019  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Scopus ID: 2-s2.0-85074189664  
? Pages: 114-119  
? Authors: DeGloria Alessandro; Chirico Marco; Launo Claudio; Berta Riccardo; Bellotti Francesco; Gioco Giuseppe; Carmosino Ivan  
? Keywords: Agent Based Model Paradigm | Dynamic environment | Open word | Serious game  
? Source Id: 21100959174  
? Author Ids:  
7004620974;6603886234;7004385028;6701751695;55890888700;57215317472;57192061958  
? Authoraffiliationids:  
60025153;60025153;60025153;60025153;60025153;123377099;123377099  
? Corresponding: DeGloria A.

92.

? Title: Raspberry pi 3 performance characterization in an artificial vision automotive application  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2019  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1007/978-3-030-11973-7\_1  
? Scopus ID: 2-s2.0-85066891773  
? Issn: 18761100

? eISSN: 18761119  
? Volume: 550  
? Issue: 9783030119720  
? Pages: 3-10  
? Authors: Kobeissi Ahmad; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2019:  
? Industrial and Manufacturing Engineering (Q3, rank 246, percentile 27)  
? Source Id: 19700186822  
? Author Ids: 57190381235;55890888700;6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Kobeissi A.

93.  
? Title: Developing a machine learning library for microcontrollers  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2019  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1007/978-3-030-11973-7\_36  
? Scopus ID: 2-s2.0-85066881686  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 550  
? Issue: 9783030119720  
? Pages: 313-317  
? Authors: Parodi Andrea; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2019:  
? Industrial and Manufacturing Engineering (Q3, rank 246, percentile 27)  
? Source Id: 19700186822  
? Author Ids: 57213565376;55890888700;6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Parodi A.

94.  
? Title: User preferences for a serious game to improve driving  
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics  
? Year: 2019  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1007/978-3-030-11548-7\_45  
? Scopus ID: 2-s2.0-85061397623  
? Issn: 03029743  
? eISSN: 16113349  
? Volume: 11385 Lncs  
? Pages: 440-444  
? Authors: Paranthaman Pratheep Kumar; Bellotti Francesco; Berta Riccardo; Dange Gautam; De Gloria Alessandro

? Keywords: Games and infotainment | Internet of things | Mobile computing | Serious games | Smart cars | Usability survey | User interfaces | Vehicle safety

? Quartile:

2025:

? Theoretical Computer Science (Q3, rank 70, percentile 48)

? Computer Science (all) (Q3, rank 129, percentile 46)

2019:

? Computer Science (all) (Q2, rank 95, percentile 57)

? Theoretical Computer Science (Q3, rank 77, percentile 35)

? Source Id: 25674

? Author Ids: 57118159800;55890888700;6701751695;57118289600;7004620974

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153

? Corresponding: Paranthaman P.

95.

? Title: Auditory attention, implications for serious game design

? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics

? Year: 2019

? Type: Book Series

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1007/978-3-030-11548-7\_19

? Scopus ID: 2-s2.0-85061353210

? Issn: 03029743

? eISSN: 16113349

? Volume: 11385 Lncs

? Pages: 201-209

? Authors: Bajaj Nikesh; Bellotti Francesco; Berta Riccardo; Requena Carríñen Jesú;s; De Gloria Alessandro

? Keywords: Adaptivity | Attention score | Auditory attention | Language skill | Learning environment | Non-native learners | Serious game

? Quartile:

2025:

? Theoretical Computer Science (Q3, rank 70, percentile 48)

? Computer Science (all) (Q3, rank 129, percentile 46)

2019:

? Computer Science (all) (Q2, rank 95, percentile 57)

? Theoretical Computer Science (Q3, rank 77, percentile 35)

? Source Id: 25674

? Author Ids: 48361087400;55890888700;6701751695;19639194700;7004620974

? Authoraffiliationids: 60025153-60022109;60025153;60025153;60022109;60025153

? Corresponding: Bajaj N.

96.

? Title: Exploring particle swarm optimization to build a dynamic charging electric vehicle routing algorithm

? Venue: Lecture Notes in Electrical Engineering

? Year: 2019

? Type: Book Series

? Subtype: Conference Paper

? Citations: 4

? Doi: 10.1007/978-3-319-93082-4\_17

? Scopus ID: 2-s2.0-85050397876

? Issn: 18761100

? eISSN: 18761119

? Volume: 512  
? Pages: 127-134  
? Authors: Smiai Oussama; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro  
? Keywords: Dynamic wireless charging | Fully electrical vehicles | Navigation |  
Particle swarm optimization | Routing

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

2019:

? Industrial and Manufacturing Engineering (Q3, rank 246, percentile 27)

? Source Id: 19700186822

? Author Ids: 57118049100;55890888700;6701751695;7004620974

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Smiai O.

97.

? Title: IoT Grid alignment assistant system for dynamic wireless charging of electric vehicles

? Venue: 2018 5th International Conference on Internet of Things Systems Management and Security lotsms 2018

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 13

? DOI: 10.1109/IoTSMS.2018.8554902

? Scopus ID: 2-s2.0-85059983010

? Pages: 274-279

? Authors: Kobeissi Ahmad Hassan; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro

? Keywords: artificial vision | Electric vehicles | image processing and recognition | IoT | wireless electric charging

? Source Id: 21100894647

? Author Ids: 57190381235;55890888700;6701751695;7004620974

? Authoraffiliationids: 60025153-122897564;60025153;60025153;60025153

? Corresponding: Kobeissi A.H.

98.

? Title: A smart sensing architecture for domestic monitoring: Methodological approach and experimental validation

? Venue: Sensors Switzerland

? Year: 2018

? Type: Journal

? Subtype: Article

? Citations: 54

? DOI: 10.3390/s18072310

? Scopus ID: 2-s2.0-85050306929

? Issn: 14248220

? Volume: 18

? Issue: 7

? Authors: Monteri^, Andrea; Prist Mario Rosario; Frontoni Emanuele; Longhi Sauro; Pietroni Filippo; Casaccia Sara; Scalise Lorenzo; Cenci Annalisa; Romeo Luca; Berta Riccardo; Pescosolido Loreto; Orlandi Gianni; Revel Gian Marco

? Keywords: Activity of daily living | Aging | Smart home technologies | Smart homes

? Quartile:

2025:

? Instrumentation (Q1, rank 19, percentile 90)

? Electrical and Electronic Engineering (Q1, rank 136, percentile 86)  
? Atomic and Molecular Physics, and Optics (Q1, rank 36, percentile 85)  
? Biochemistry (Q1, rank 72, percentile 84)  
? Information Systems (Q1, rank 87, percentile 82)  
? Analytical Chemistry (Q1, rank 30, percentile 82)

2018:

? Instrumentation (Q1, rank 23, percentile 82)  
? Electrical and Electronic Engineering (Q1, rank 144, percentile 78)  
? Atomic and Molecular Physics, and Optics (Q2, rank 47, percentile 73)  
? Analytical Chemistry (Q2, rank 39, percentile 65)  
? Biochemistry (Q2, rank 197, percentile 51)

? Source Id: 130124

? Author Ids: 16638623100;56177603100;9737451300;56911180600;56271629500;55957572000;7003621443;56785718800;56426855300;6701751695;16069130000;56837865200;55551950400

? Authoraffiliationids: 60031624;60031624;60031624;60031624;60031624;60031624;60031624;60031624;60031624;60025153;60021199;60032350;60031624

? Corresponding: Monteri^, A.

99.

? Title: A Gamified Flexible Transportation Service for On-Demand Public Transport

? Venue: IEEE Transactions on Intelligent Transportation Systems

? Year: 2018

? Type: Journal

? Subtype: Article

? Citations: 38

? Doi: 10.1109/TITS.2018.2791643

? Scopus ID: 2-s2.0-85041550362

? Issn: 15249050

? Volume: 19

? Issue: 3

? Pages: 921-933

? Authors: Drakoulis Richardos; Bellotti Francesco; Bakas Ioannis; Berta Riccardo; Paranthaman Pratheepr Kumar; Dange Gautam Ravindra; Lytrivis Panagiotis; Pagle Katia; De Gloria Alessandro; Amditis Angelos

? Keywords: Dial-a-ride problem | elastic mobility | flexible public transport services  
| serious game

? Quartile:

2025:

? Automotive Engineering (Q1, rank 2, percentile 98)

? Mechanical Engineering (Q1, rank 15, percentile 98)

? Computer Science Applications (Q1, rank 26, percentile 97)

2018:

? Automotive Engineering (Q1, rank 1, percentile 99)

? Computer Science Applications (Q1, rank 17, percentile 97)

? Mechanical Engineering (Q1, rank 17, percentile 97)

? Source Id: 18378

? Author Ids: 56429616700;55890888700;56692504400;6701751695;57118159800;57118289600;24723084200;26538891000;7004620974;6602330457

? Authoraffiliationids: 60104215;60025153;60104215;60025153;60025153;60025153;60104215;60104215;60025153;60104215

? Corresponding: Drakoulis R.

100.

? Title: Design and implementation of an IoT system for enhancing proprioception training

? Venue: Proceedings of the International Conference on Microelectronics Icm

? Year: 2018  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 4  
? Doi: 10.1109/lcm.2017.8268878  
? Scopus ID: 2-s2.0-85045143727  
? Volume: 2017-December  
? Pages: 1-4  
? Authors: Kobeissi Ahmad Hassan; Chible Hussein; Berta Riccardo; De Gloria Alessandro; Bellotti Francesco  
? Keywords: 3D game | Balance exercise | IMU | IoT | Open source hardware | Proprioception | Skiing | Unity  
? Source Id: 144854  
? Author Ids: 57190381235;7801443090;6701751695;7004620974;55890888700  
? Authoraffiliationids: 60025153;60068774;60025153;60025153;60025153  
? Corresponding: Kobeissi A.H.

101.

? Title: Building a Tangible Serious Game Framework for Elementary Spatial and Geometry Concepts  
? Venue: Proceedings IEEE 17th International Conference on Advanced Learning Technologies Icalt 2017  
? Year: 2017  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 8  
? Doi: 10.1109/icalt.2017.131  
? Scopus ID: 2-s2.0-85030237163  
? Pages: 173-177  
? Authors: Kobeissi Ahmad Hassan; Sidoti Alessio; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro  
? Keywords: geometry | IoT | sensors | Serious games | smart toys | tangible smart-objects | technological education  
? Source Id: 21100832401  
? Author Ids: 57190381235;57195935495;55890888700;6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Kobeissi A.

102.

? Title: Deployment of serious gaming approach for safe and sustainable mobility  
? Venue: IEEE Intelligent Vehicles Symposium Proceedings  
? Year: 2017  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 7  
? Doi: 10.1109/lvs.2017.7995879  
? Scopus ID: 2-s2.0-85028036417  
? Pages: 1222-1227  
? Authors: Dange Gautam Ravindra; Paranthaman Pratheep Kumar; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Raffero Mattia; Neumeier Stefan  
? Keywords: driving behavior | mobility | pollution | serious games | vehicle signal processing  
? Source Id: 21100827990  
? Author Ids:  
57118289600;57118159800;55890888700;6701751695;7004620974;57225231071;57195435384  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;112694928;60009115

- ? Corresponding: Dange G.R.  
103.  
? Title: A game engine plug-in for efficient development of investigation mechanics in serious games  
? Venue: Entertainment Computing  
? Year: 2017  
? Type: Journal  
? Subtype: Article  
? Citations: 11  
? DOI: 10.1016/j.entcom.2016.11.002  
? Scopus ID: 2-s2.0-84996504331  
? Issn: 18759521  
? Volume: 19  
? Pages: 1-11  
? Authors: Carmosino Ivan; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Secco Nicola  
? Keywords: Discovery-learning | Format | Game development | Game engine | Plug-in | Serious games  
? Quartile:  
2025:  
? Software (Q2, rank 207, percentile 58)  
? Human-Computer Interaction (Q3, rank 99, percentile 48)  
2017:  
? Software (Q2, rank 137, percentile 62)  
? Human-Computer Interaction (Q2, rank 36, percentile 60)  
? Source Id: 19400158708  
? Author Ids: 57192061958;55890888700;6701751695;7004620974;55841115600  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Carmosino I.  
104.  
? Title: Maximizing power transfer for dynamic wireless charging electric vehicles  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2017  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 16  
? Doi: 10.1007/978-3-319-55071-8\_8  
? Scopus ID: 2-s2.0-85020542260  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 429  
? Pages: 59-65  
? Authors: Cirimele Vincenzo; Smiai Oussama; Guglielmi Paolo; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro  
? Keywords: Alignment detection | Camera | Electric Vehicles | ICT | Wireless power transfer  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2017:  
? Industrial and Manufacturing Engineering (Q3, rank 220, percentile 33)  
? Source Id: 19700186822  
? Author Ids: 56161412600;57118049100;7003900562;55890888700;6701751695;7004620974  
? Authoraffiliationids: 60012162;60025153;60012162;60025153;60025153;60025153

- ? Corresponding: Cirimele V.  
105.  
? Title: Towards a virtual reality interactive application for truck traffic access management  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2017  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1007/978-3-319-55071-8\_22  
? Scopus ID: 2-s2.0-85020538162  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 429  
? Pages: 169-176  
? Authors: Cavallo Alberto; Robaldo Alessio; Bellotti Francesco; Berta Riccardo; Carmosino Ivan; De Gloria Alessandro  
? Keywords: Image processing | Laser scanner | Point cloud | Traffic management | Unity 3D | Virtual reality  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2017:  
? Industrial and Manufacturing Engineering (Q3, rank 220, percentile 33)  
? Source Id: 19700186822  
? Author Ids: 57192957363;57192955104;55890888700;6701751695;57192061958;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Cavallo A.  
106.  
? Title: A serious game architecture for green mobility  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2017  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1007/978-3-319-55071-8\_9  
? Scopus ID: 2-s2.0-85020535513  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 429  
? Pages: 66-76  
? Authors: Paranthaman Pratheep K.; Dange Gautam R.; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Di Zitti Ermanno; Massucco Stefano; Sciutto Giuseppe  
? Keywords: Collaborative green mobility | Infotainment systems | Mobile computing | Serious games | Service-oriented architecture  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2017:  
? Industrial and Manufacturing Engineering (Q3, rank 220, percentile 33)  
? Source Id: 19700186822  
? Author Ids: 57118159800;57118289600;55890888700;6701751695;7004620974;6603663623;6603357712;7003892246  
? Authoraffiliationids:

60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153

? Corresponding: Paranthaman P.K.

107.

? Title: Developing ICT solutions for dynamic charging of electric vehicles

? Venue: Lecture Notes in Electrical Engineering

? Year: 2017

? Type: Book Series

? Subtype: Conference Paper

? Citations: 1

? Doi: 10.1007/978-3-319-55071-8\_7

? Scopus ID: 2-s2.0-85020517468

? Issn: 18761100

? eISSN: 18761119

? Volume: 429

? Pages: 51-58

? Authors: Smiai Oussama; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Winder Andrew; Theodoropoulos Theodoros; Damousis Yannis; Schwartz Ramon S.; Sayed Nadim El; Laporte Staphane; Revilloud Marc

? Keywords: Dynamic charging | FABRIC | ICT | Wireless charging

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

2017:

? Industrial and Manufacturing Engineering (Q3, rank 220, percentile 33)

? Source Id: 19700186822

? Author Ids: 57118049100;55890888700;6701751695;7004620974;57117490200;56461156200;6506000002;57194525498;55799811800;57211415937;52464346000

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60101423;107937798;107937798;60003381;60011604;114686095;114686095

? Corresponding: Smiai O.

108.

? Title: A low-cost, open-source cyber physical system for automated, remotely controlled precision agriculture

? Venue: Lecture Notes in Electrical Engineering

? Year: 2017

? Type: Book Series

? Subtype: Article

? Citations: 7

? Doi: 10.1007/978-3-319-47913-2\_23

? Scopus ID: 2-s2.0-85008476135

? Issn: 18761100

? eISSN: 18761119

? Volume: 409

? Pages: 191-203

? Authors: Cimino Davide; Ferrero Alberto; Queirolo Leonardo; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

2017:

? Industrial and Manufacturing Engineering (Q3, rank 220, percentile 33)

? Source Id: 19700186822

? Author Ids: 57192868614;57192871097;56179753300;55890888700;6701751695;7004620974

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153

- ? Corresponding: Cimino D.  
109.  
? Title: Assessment of driver behavior based on machine learning approaches in a social gaming scenario  
? Venue: Lecture Notes in Electrical Engineering  
? Year: 2017  
? Type: Book Series  
? Subtype: Article  
? Citations: 4  
? Doi: 10.1007/978-3-319-47913-2\_24  
? Scopus ID: 2-s2.0-85008471421  
? Issn: 18761100  
? eISSN: 18761119  
? Volume: 409  
? Pages: 205-218  
? Authors: Dange Gautam R.; Paranthaman Pratheep K.; Bellotti Francesco; Samaritani Marco; Berta Riccardo; De gloria Alessandro  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)  
2017:  
? Industrial and Manufacturing Engineering (Q3, rank 220, percentile 33)  
? Source Id: 19700186822  
? Author Ids: 57118289600;57118159800;55890888700;57190063686;6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Dange G.  
110.  
? Title: Game@School. Teaching through gaming and mobile-based tutoring systems  
? Venue: Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering Lnicst  
? Year: 2017  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1007/978-3-319-49616-0\_4  
? Scopus ID: 2-s2.0-85000613342  
? Issn: 18678211  
? Volume: 178  
? Pages: 34-44  
? Authors: Terracina Annalisa; Mecella Massimo; Berta Riccardo; Fabiani Francesco; Litardi Dario  
? Keywords: Intelligent Pedagogical Agent | Serious game | Virtual Learning Environment  
? Quartile:  
2025:  
? Computer Networks and Communications (Q4, rank 439, percentile 19)  
2017:  
? Computer Networks and Communications (Q4, rank 220, percentile 21)  
? Source Id: 21100220348  
? Author Ids: 56529429000;6602717537;6701751695;57197680113;57192089036  
? Authoraffiliationids: 60032350;60032350;60025153;60032350;60032350  
? Corresponding: Terracina A.  
111.  
? Title: Teaching STEM through a role-playing serious game and intelligent pedagogical agents

? Venue: Proceedings IEEE 16th International Conference on Advanced Learning Technologies Icalt 2016  
? Year: 2016  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 6  
? Doi: 10.1109/Icalt.2016.121  
? Scopus ID: 2-s2.0-85006957588  
? Pages: 148-152  
? Authors: Terracina A.; Berta R.; Bordini F.; Damilano R.; Mecella M.  
? Keywords: Game Based Learning | Intelligent Pedagogical Agent | Virtual Learning Environment  
? Source Id: 21100790033  
? Author Ids: 56529429000;6701751695;57192575319;57192577765;6602717537  
? Authoraffiliationids: 60032350;60025153;117873349;117873349;60032350  
? Corresponding: Terracina A.

112.

? Title: An IoT-inspired cloud-based web service architecture for e-health applications  
? Venue: IEEE 2nd International Smart Cities Conference Improving the Citizens Quality of Life Iisc2 2016 Proceedings  
? Year: 2016  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 31  
? Doi: 10.1109/Isc2.2016.07580759  
? Scopus ID: 2-s2.0-84994099907  
? Authors: Pescosolido Loreto; Berta Riccardo; Scalise Lorenzo; Revel Gian Marco; De Gloria Alessandro; Orlandi Gianni  
? Keywords: Cloud platforms | E-Health | Internet of things (IoT) | REST | S-health | Web of things (WoT) | Web services  
? Source Id: 21100784246  
? Author Ids: 16069130000;6701751695;7003621443;55551950400;7004620974;56837865200  
? Authoraffiliationids: 60032350;60025153;60031624;60031624;60025153;60032350  
? Corresponding: Pescosolido L.

113.

? Title: Building arduino-based tangible serious games for elementary mathematics and physics  
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics  
? Year: 2016  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1007/978-3-319-50182-6\_6  
? Scopus ID: 2-s2.0-85006041124  
? Issn: 03029743  
? eISSN: 16113349  
? Volume: 10056 Lncs  
? Pages: 60-69  
? Authors: Mollo Luca; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro  
? Quartile:  
2025:  
? Theoretical Computer Science (Q3, rank 70, percentile 48)  
? Computer Science (all) (Q3, rank 129, percentile 46)

2016:

- ? Computer Science (all) (Q2, rank 79, percentile 60)
- ? Theoretical Computer Science (Q3, rank 79, percentile 33)
- ? Source Id: 25674
- ? Author Ids: 57192371086;55890888700;6701751695;7004620974
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153
- ? Corresponding: Mollo L.

114.

- ? Title: Gamification of car driver performance
- ? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics
- ? Year: 2016
- ? Type: Book Series
- ? Subtype: Conference Paper
- ? Citations: 4
- ? Doi: 10.1007/978-3-319-50182-6\_27
- ? Scopus ID: 2-s2.0-85005965420
- ? Issn: 03029743
- ? eISSN: 16113349
- ? Volume: 10056 Lncs
- ? Pages: 302-308
- ? Authors: Paranthaman Pratheep K.; Dange Gautam R.; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro

? Quartile:

2025:

- ? Theoretical Computer Science (Q3, rank 70, percentile 48)
- ? Computer Science (all) (Q3, rank 129, percentile 46)

2016:

- ? Computer Science (all) (Q2, rank 79, percentile 60)
- ? Theoretical Computer Science (Q3, rank 79, percentile 33)
- ? Source Id: 25674
- ? Author Ids: 57118159800;57118289600;55890888700;6701751695;7004620974
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
- ? Corresponding: Paranthaman P.

115.

- ? Title: A neuroscience based approach to game based learning design
- ? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics
- ? Year: 2016
- ? Type: Book Series
- ? Subtype: Conference Paper
- ? Citations: 3
- ? Doi: 10.1007/978-3-319-50182-6\_41
- ? Scopus ID: 2-s2.0-85005942629
- ? Issn: 03029743
- ? eISSN: 16113349
- ? Volume: 10056 Lncs
- ? Pages: 444-454
- ? Authors: Bajaj Nikesh; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro

? Quartile:

2025:

- ? Theoretical Computer Science (Q3, rank 70, percentile 48)
- ? Computer Science (all) (Q3, rank 129, percentile 46)

2016:

- ? Computer Science (all) (Q2, rank 79, percentile 60)
  - ? Theoretical Computer Science (Q3, rank 79, percentile 33)
  - ? Source Id: 25674
  - ? Author Ids: 48361087400;55890888700;6701751695;7004620974
  - ? Authoraffiliationids: 60025153;60025153;60025153;60025153
  - ? Corresponding: Bajaj N.
- 116.
- ? Title: The absolute and social comparative analysis of driver performance on a simulated road network
  - ? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics
  - ? Year: 2016
  - ? Type: Book Series
  - ? Subtype: Conference Paper
  - ? Citations: 2
  - ? Doi: 10.1007/978-3-319-40216-1\_42
  - ? Scopus ID: 2-s2.0-84977143001
  - ? Issn: 03029743
  - ? eISSN: 16113349
  - ? Volume: 9599
  - ? Pages: 375-384
  - ? Authors: Dange Gautam R.; Paranthaman Pratheep K.; Samaritani Marco; Smiai Oussama; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Marchesoni Mario; Massucc Stefano; Pontow Jens
  - ? Quartile:
  - 2025:
    - ? Theoretical Computer Science (Q3, rank 70, percentile 48)
    - ? Computer Science (all) (Q3, rank 129, percentile 46)
  - 2016:
    - ? Computer Science (all) (Q2, rank 79, percentile 60)
    - ? Theoretical Computer Science (Q3, rank 79, percentile 33)
  - ? Source Id: 25674
  - ? Author Ids: 57118289600;57118159800;57190063686;57118049100;55890888700;6701751695;7004620974;6701827441;57190067596;14825758300
  - ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60072186
  - ? Corresponding: Dange G.R.
- 117.
- ? Title: Supporting collaborative serious game studies online
  - ? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics
  - ? Year: 2016
  - ? Type: Book Series
  - ? Subtype: Conference Paper
  - ? Citations: 1
  - ? Doi: 10.1007/978-3-319-40216-1\_24
  - ? Scopus ID: 2-s2.0-84977140496
  - ? Issn: 03029743
  - ? eISSN: 16113349
  - ? Volume: 9599
  - ? Pages: 228-237
  - ? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Ott Michela; Popescu Maria Magdalena; Baalsrud-Hauge Jannicke
  - ? Quartile:

2025:

? Theoretical Computer Science (Q3, rank 70, percentile 48)

? Computer Science (all) (Q3, rank 129, percentile 46)

2016:

? Computer Science (all) (Q2, rank 79, percentile 60)

? Theoretical Computer Science (Q3, rank 79, percentile 33)

? Source Id: 25674

? Author Ids: 55890888700;6701751695;7004620974;23397859100;55348157300;16233132400

? Authoraffiliationids: 60025153;60025153;60025153;60021199;112852020;60008293

? Corresponding: Bellotti F.

118.

? Title: A smart mobility serious game concept and business development study

? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics

? Year: 2016

? Type: Book Series

? Subtype: Conference Paper

? Citations: 5

? Doi: 10.1007/978-3-319-40216-1\_43

? Scopus ID: 2-s2.0-84977137844

? Issn: 03029743

? eISSN: 16113349

? Volume: 9599

? Pages: 385-392

? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Dange Gautam; Paranthaman Pratheepr Kumar; Curatelli Francesco; Martinengo Chiara; Barabino Giulio; Sciutto Giuseppe; Demirtzis Elias; Hausler Florian

? Quartile:

2025:

? Theoretical Computer Science (Q3, rank 70, percentile 48)

? Computer Science (all) (Q3, rank 129, percentile 46)

2016:

? Computer Science (all) (Q2, rank 79, percentile 60)

? Theoretical Computer Science (Q3, rank 79, percentile 33)

? Source Id: 25674

? Author Ids: 55890888700;6701751695;7004620974;57118289600;57118159800;57154509300;12779019400;7004625296;7003892246;57190074065;55768453400

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60116299;60072186

? Corresponding: Bellotti F.

119.

? Title: Introduction

? Venue: Lecture Notes in Electrical Engineering

? Year: 2016

? Type: Book Series

? Subtype: Article

? Citations: 0

? Scopus ID: 2-s2.0-84950247891

? Issn: 18761100

? eISSN: 18761119

? Volume: 351

? Pages: xv-xvi

? Authors: Bellotti F.; Berta R.; Olivieri M.; Pace C.; Ruo Roch M.; Saponara S.

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

2016:

? Industrial and Manufacturing Engineering (Q3, rank 211, percentile 30)

? Source Id: 19700186822

? Author Ids: 55890888700;6701751695;57794378700;57207711680;55663917800;57213944920

? Corresponding: Bellotti F.

120.

? Title: Time-Aware Multivariate Nearest Neighbor Regression Methods for Traffic Flow Prediction

? Venue: IEEE Transactions on Intelligent Transportation Systems

? Year: 2015

? Type: Journal

? Subtype: Article

? Citations: 82

? Doi: 10.1109/TITS.2015.2453116

? Scopus ID: 2-s2.0-84960124861

? Issn: 15249050

? Volume: 16

? Issue: 6

? Pages: 3393-3402

? Authors: Dell'acqua Pietro; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro

? Keywords: Bayesian networks | context awareness | multivariate analysis | nearest neighbor regression | pattern recognition algorithm | Traffic flow prediction

? Quartile:

2025:

? Automotive Engineering (Q1, rank 2, percentile 98)

? Mechanical Engineering (Q1, rank 15, percentile 98)

? Computer Science Applications (Q1, rank 26, percentile 97)

2015:

? Automotive Engineering (Q1, rank 1, percentile 99)

? Mechanical Engineering (Q1, rank 11, percentile 98)

? Computer Science Applications (Q1, rank 33, percentile 93)

? Source Id: 18378

? Author Ids: 55928655400;55890888700;6701751695;7004620974

? Authoraffiliationids: 60005400;60025153;60025153;60025153

? Corresponding: Dell'acqua P.

121.

? Title: Information and communication technology research opportunities in dynamic charging for electric vehicle

? Venue: Proceedings 18th Euromicro Conference on Digital System Design Dsd 2015

? Year: 2015

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 21

? Doi: 10.1109/Dsd.2015.111

? Scopus ID: 2-s2.0-84958191568

? Pages: 297-300

? Authors: Smiai Oussama; Bellotti Francesco; Gloria Alessandro De; Berta Riccardo; Amditis Angelos; Damousis Yannis; Winder Andrew

? Keywords: Charging lane | Dynamic on-road charging | Electric vehicle | EV identification | Information technology solutions | Lane keeping | Routing | Wireless charging

? Source Id: 21100446406

? Author Ids: 57118049100;55890888700;7004620974;6701751695;6602330457;6506000002;57117490200  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60104215;60104215;60101423  
? Corresponding: Smiai O.

122.

? Title: Safe drive map concept for road curve monitoring  
? Venue: Proceedings 18th Euromicro Conference on Digital System Design Dsd 2015  
? Year: 2015  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 4  
? Doi: 10.1109/Dsd.2015.112  
? Scopus ID: 2-s2.0-84958174917  
? Pages: 293-296  
? Authors: Dellacqua Pietro; Bellotti Francesco; Berta Riccardo; Gloria Alessandro De; Dange Gautam; Paranthaman Pratheep; Massow Kay; Thiele Fabian Maximilian  
? Keywords: Curve monitoring | Driving simulator | Maps | Safe drive maps  
? Source Id: 21100446406  
? Author Ids: 55928655400;55890888700;6701751695;7004620974;57118289600;57118159800;24475411500;57014730300  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60011604;60011604-60072186  
? Corresponding: Dellacqua P.

123.

? Title: A gamified collaborative course in entrepreneurship: Focus on objectives and tools  
? Venue: Computers in Human Behavior  
? Year: 2015  
? Type: Journal  
? Subtype: Article  
? Citations: 53  
? DOI: 10.1016/j.chb.2014.11.082  
? Scopus ID: 2-s2.0-85027929243  
? Issn: 07475632  
? Volume: 51  
? Pages: 1276-1283  
? Authors: Antonaci Alessandra; Dagnino Francesca Maria; Ott Michela; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Lavagnino Elisa; Romero Margarida; Usart Mireia; Mayer Igor  
? Keywords: Collaboration | Entrepreneurship education | Gamification | Higher education | Serious Games | Technology Enhanced Learning  
? Quartile:  
2025:  
? Arts and Humanities (miscellaneous) (Q1, rank 1, percentile 99)  
? Psychology (all) (Q1, rank 5, percentile 97)  
? Human-Computer Interaction (Q1, rank 9, percentile 95)  
2015:  
? Arts and Humanities (miscellaneous) (Q1, rank 22, percentile 91)  
? Psychology (all) (Q1, rank 16, percentile 91)  
? Human-Computer Interaction (Q1, rank 10, percentile 88)  
? Source Id: 19419  
? Author Ids: 55877136500;55376574100;23397859100;55890888700;6701751695;7004620974;54882871400;36698221700;55027240400;7103174445  
? Authoraffiliationids: 60021199;60021199;60021199;60025153;60025153;60025153;

60113192;60113192;60006288

? Corresponding: Antonaci A.

124.

? Title: Towards a service-oriented architecture framework for educational serious games

? Venue: Proceedings IEEE 15th International Conference on Advanced Learning Technologies Advanced Technologies for Supporting Open Access to Formal and Informal Learning Icalt 2015

? Year: 2015

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 17

? Doi: 10.1109/Icalt.2015.145

? Scopus ID: 2-s2.0-84961721929

? Pages: 147-151

? Authors: Carvalho Maira B.; Bellotti Francesco; Hu Jun; Hauge Jannicke Baalsrud; Berta Riccardo; Gloria Alessandro De; Rauterberg Matthias

? Keywords: Educational serious games | Serious games | Serious games development | Service-oriented architecture | Software engineering

? Source Id: 21100453541

? Author Ids:

55841076700;55890888700;56442891500;16233132400;6701751695;7004620974;6701479494

? Authoraffiliationids:

60032882-60025153;60025153;60032882;60008293;60025153;60025153;60032882

? Corresponding: Carvalho M.

125.

? Title: An activity theory-based model for serious games analysis and conceptual design

? Venue: Computers and Education

? Year: 2015

? Type: Journal

? Subtype: Article

? Citations: 298

? DOI: 10.1016/j.compedu.2015.03.023

? Scopus ID: 2-s2.0-84929160438

? Issn: 03601315

? Volume: 87

? Pages: 166-181

? Authors: Carvalho Maira B.; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Sedano Carolina Islas; Hauge Jannicke Baalsrud; Hu Jun; Rauterberg Matthias

? Keywords: Activity theory | Educational serious games | Serious games | Serious games analysis | Serious games design

? Quartile:

2025:

? Education (Q1, rank 4, percentile 99)

? Computer Science (all) (Q1, rank 5, percentile 98)

2015:

? Education (Q1, rank 5, percentile 99)

? Computer Science (all) (Q1, rank 3, percentile 98)

? Source Id: 17645

? Author Ids: 55841076700;55890888700;6701751695;7004620974;35146683600;16233132400;5642891500;6701479494

? Authoraffiliationids:

60025153-60032882;60025153;60025153;60025153;60103673;60008293;60032882;60032882

- ? Corresponding: Carvalho M.B.
- 126.
- ? Title: Mapping learning and game mechanics for serious games analysis
  - ? Venue: British Journal of Educational Technology
  - ? Year: 2015
  - ? Type: Journal
  - ? Subtype: Article
  - ? Citations: 673
  - ? DOI: 10.1111/bjet.12113
  - ? Scopus ID: 2-s2.0-84891645879
  - ? Issn: 00071013
  - ? eISSN: 14678535
  - ? Volume: 46
  - ? Issue: 2
  - ? Pages: 391-411
  - ? Authors: Arnab Sylvester; Lim Theodore; Carvalho Maira B.; Bellotti Francesco; De Freitas Sara; Louchart Sandy; Suttie Neil; Berta Riccardo; De Gloria Alessandro
  - ? Quartile:
    - 2025:
      - ? Education (Q1, rank 9, percentile 99)
    - 2015:
      - ? Education (Q1, rank 34, percentile 96)
  - ? Source Id: 23988
  - ? Author Ids: 24528279500;24923001300;55841076700;55890888700;57203045925;14010506300;56632397300;6701751695;7004620974
  - ? Authoraffiliationids:  
60017326;60019656;60025153;60025153;60017326;60019656;60019656;60025153;60025153
  - ? Corresponding: Arnab S.
- 127.
- ? Title: The eSG project: A blended learning model for teaching entrepreneurship through Serious Games
  - ? Venue: Proceedings of the European Conference on Innovation and Entrepreneurship Ecie
  - ? Year: 2015
  - ? Type: Conference Proceeding
  - ? Subtype: Conference Paper
  - ? Citations: 3
  - ? Scopus ID: 2-s2.0-84994071543
  - ? Issn: 20491050
  - ? Volume: 2015-January
  - ? Pages: 147-156
  - ? Authors: Dagnino Francesca Maria; Antonaci Alessandra; Ott Michela; Lavagnino Elisa; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro
  - ? Keywords: Blended learning | Entrepreneurship education | Game based learning | Gamification | Technology enhanced learning
  - ? Quartile:
    - 2025:
      - ? Business and International Management (Q4, rank 375, percentile 17)
      - ? Strategy and Management (Q4, rank 427, percentile 14)
      - ? Management of Technology and Innovation (Q4, rank 261, percentile 14)
  - ? Source Id: 21100783589
  - ? Author Ids:  
55376574100;55877136500;23397859100;54882871400;55890888700;6701751695;7004620974
  - ? Authoraffiliationids: 60016864;60016864;60016864;60025153;60025153;60025153;60025153
  - ? Corresponding: Dagnino F.M.

128.

? Title: The journey: A service-based adaptive serious game on probability  
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics  
? Year: 2015  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 1  
? Doi: 10.1007/978-3-319-22960-7\_10  
? Scopus ID: 2-s2.0-84945950110  
? Issn: 03029743  
? eISSN: 16113349  
? Volume: 9221  
? Pages: 97-106  
? Authors: Carvalho Maira B.; Bellotti Francesco; Berta Riccardo; Curatelli Francesco; De Gloria Alessandro; Gazzarata Giorgia; Hu Jun; Kickmeier-Rust Michael; Martinengo Chiara  
? Quartile:  
2025:  
? Theoretical Computer Science (Q3, rank 70, percentile 48)  
? Computer Science (all) (Q3, rank 129, percentile 46)  
2015:  
? Computer Science (all) (Q2, rank 87, percentile 57)  
? Theoretical Computer Science (Q3, rank 76, percentile 36)  
? Source Id: 25674  
? Author Ids: 55841076700;55890888700;6701751695;57154509300;7004620974;56444342500;5642891500;23397084000;12779019400  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60032882;60019663;60025153  
? Corresponding: Carvalho M.B.

129.

? Title: Designing a serious game as a diagnostic tool  
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics  
? Year: 2015  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 1  
? Doi: 10.1007/978-3-319-22960-7\_7  
? Scopus ID: 2-s2.0-84945945294  
? Issn: 03029743  
? eISSN: 16113349  
? Volume: 9221  
? Pages: 63-72  
? Authors: Gongsook Pongpanote; Peijnenborgh Janneke; van der Spek Erik; Hu Jun; Bellotti Francesco; Berta Riccardo; de Gloria Alessandro; Curatelli Francesco; Martinengo Chiara; Rauterberg Matthias; Hendriksen Jos  
? Keywords: Diagnostic tool | Game design | Serious game  
? Quartile:  
2025:  
? Theoretical Computer Science (Q3, rank 70, percentile 48)  
? Computer Science (all) (Q3, rank 129, percentile 46)  
2015:  
? Computer Science (all) (Q2, rank 87, percentile 57)

- ? Theoretical Computer Science (Q3, rank 76, percentile 36)  
? Source Id: 25674  
? Author Ids: 55535168900;56410835000;24833884000;56442891500;55890888700;6701751695;7004620974;57154509300;12779019400;6701479494;6701625932  
? Authoraffiliationids: 60032882-60025153;60027918;60032882;60025153;60025153;60025153;60025153;60032882;60027918  
? Corresponding: Gongsook P.
130.  
? Title: Game design and development for learning physics using the flow framework  
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics  
? Year: 2015  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 1  
? Doi: 10.1007/978-3-319-22960-7\_14  
? Scopus ID: 2-s2.0-84945895736  
? Issn: 03029743  
? eISSN: 16113349  
? Volume: 9221  
? Pages: 142-151  
? Authors: Pranantha Danu; Van Der Spek Erik; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Rauterberg Matthias  
? Quartile:  
2025:  
? Theoretical Computer Science (Q3, rank 70, percentile 48)  
? Computer Science (all) (Q3, rank 129, percentile 46)  
2015:  
? Computer Science (all) (Q2, rank 87, percentile 57)  
? Theoretical Computer Science (Q3, rank 76, percentile 36)  
? Source Id: 25674  
? Author Ids: 16679568500;24833884000;55890888700;6701751695;7004620974;6701479494  
? Authoraffiliationids: 60025153-60032882;60032882;60025153;60025153;60025153;60032882  
? Corresponding: Pranantha D.
131.  
? Title: A case study on Service-Oriented Architecture for Serious Games  
? Venue: Entertainment Computing  
? Year: 2015  
? Type: Journal  
? Subtype: Article  
? Citations: 28  
? DOI: 10.1016/j.entcom.2014.11.001  
? Scopus ID: 2-s2.0-84916941402  
? Issn: 18759521  
? Volume: 6  
? Pages: 1-10  
? Authors: Carvalho Maira B.; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Gazzarata Giorgia; Hu Jun; Kickmeier-Rust Michael  
? Keywords: Adaptive Serious Games | Architecture Tradeoff Analysis Method | Games for learning | Serious Games | Serious Games development | Service Oriented Architecture  
? Quartile:  
2025:  
? Software (Q2, rank 207, percentile 58)

- ? Human-Computer Interaction (Q3, rank 99, percentile 48)  
2015:  
? Human-Computer Interaction (Q2, rank 42, percentile 51)  
? Software (Q3, rank 193, percentile 48)  
? Source Id: 19400158708  
? Author Ids:  
55841076700;55890888700;6701751695;7004620974;56444342500;56442891500;23397084000  
? Authoraffiliationids:  
60025153-60032882;60025153;60025153;60025153;60025153;60032882;60019663  
? Corresponding: Carvalho M.
132.  
? Title: Special issue on Serious Games  
? Venue: Entertainment Computing  
? Year: 2014  
? Type: Journal  
? Subtype: Editorial  
? Citations: 0  
? DOI: 10.1016/j.entcom.2014.07.001  
? Scopus ID: 2-s2.0-84912574965  
? Issn: 18759521  
? Volume: 5  
? Issue: 4  
? Pages: 295-296  
? Authors: Bellotti F.; Berta R.; De Gloria A.  
? Quartile:  
2025:  
? Software (Q2, rank 207, percentile 58)  
? Human-Computer Interaction (Q3, rank 99, percentile 48)
- 2014:  
? Human-Computer Interaction (Q2, rank 40, percentile 52)  
? Software (Q3, rank 194, percentile 48)  
? Source Id: 19400158708  
? Author Ids: 55890888700;6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Bellotti F.
133.  
? Title: Serious games and the development of an entrepreneurial mindset in higher education engineering students  
? Venue: Entertainment Computing  
? Year: 2014  
? Type: Journal  
? Subtype: Article  
? Citations: 86  
? DOI: 10.1016/j.entcom.2014.07.003  
? Scopus ID: 2-s2.0-84912567209  
? Issn: 18759521  
? Volume: 5  
? Issue: 4  
? Pages: 357-366  
? Authors: Bellotti F.; Berta R.; De Gloria A.; Lavagnino E.; Antonaci A.; Dagnino F.; Ott M.; Romero M.; Usart M.; Mayer I. S.  
? Keywords: Business games & simulations | Entrepreneurship education | Higher education | Real-time strategy games | Serious games | Technology enhanced learning  
? Quartile:

2025:

- ? Software (Q2, rank 207, percentile 58)
- ? Human-Computer Interaction (Q3, rank 99, percentile 48)

2014:

- ? Human-Computer Interaction (Q2, rank 40, percentile 52)
- ? Software (Q3, rank 194, percentile 48)

? Source Id: 19400158708

? Author Ids: 55890888700;6701751695;7004620974;54882871400;55877136500;55376574100;23397859100;36698221700;55027240400;7103174445

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60021199;60021199;60021199;60113192;60113192;60006288

? Corresponding: Bellotti F.

134.

? Title: Implications of learning analytics for serious game design

? Venue: Proceedings IEEE 14th International Conference on Advanced Learning Technologies Icalt 2014

? Year: 2014

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 43

? Doi: 10.1109/Icalt.2014.73

? Scopus ID: 2-s2.0-84910050968

? Pages: 230-232

? Authors: Hauge Jannicke Baalsrud; Berta Riccardo; Fiucci Giusy; Manjon Baltasar Fernandez; Padron-Napoles Carmen; Westra Wim; Nadolski Rob

? Keywords: Assessment | Game design | Learning analytics | Performance | Serious games

? Source Id: 21100346007

? Author Ids:

16233132400;6701751695;57213110011;25522316100;56415018600;6603477787;6602547185

? Authoraffiliationids:

60008293;60025153;101777893;60027282;111335865;60024360;60024360

? Corresponding: Hauge J.B.

135.

? Title: A social serious game concept for green, fluid and collaborative driving

? Venue: Lecture Notes in Electrical Engineering

? Year: 2014

? Type: Book Series

? Subtype: Conference Paper

? Citations: 4

? Doi: 10.1007/978-3-319-04370-8\_15

? Scopus ID: 2-s2.0-84927749045

? Issn: 18761100

? eISSN: 18761119

? Volume: 289

? Pages: 163-170

? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro

? Quartile:

2025:

- ? Industrial and Manufacturing Engineering (Q4, rank 330, percentile 19)

2014:

- ? Industrial and Manufacturing Engineering (Q3, rank 208, percentile 29)

? Source Id: 19700186822

? Author Ids: 55890888700;6701751695;7004620974

? Corresponding: Bellotti F.

136.

- ? Title: Paths for cognitive rehabilitation: From reality to educational software, To serious games, To reality again
- ? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics
- ? Year: 2014
- ? Type: Book Series
- ? Subtype: Conference Paper
- ? Citations: 9
- ? Doi: 10.1007/978-3-319-12157-4\_14
- ? Scopus ID: 2-s2.0-84909641817
- ? Issn: 03029743
- ? eISSN: 16113349
- ? Volume: 8605
- ? Pages: 172-186
- ? Authors: Curatelli Francesco; Martinengo Chiara; Bellotti Francesco; Berta Riccardo
- ? Quartile:
  - 2025:
    - ? Theoretical Computer Science (Q3, rank 70, percentile 48)
    - ? Computer Science (all) (Q3, rank 129, percentile 46)
  - 2014:
    - ? Computer Science (all) (Q2, rank 87, percentile 56)
    - ? Theoretical Computer Science (Q3, rank 82, percentile 30)
- ? Source Id: 25674
- ? Author Ids: 57154509300;12779019400;55890888700;6701751695
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153
- ? Corresponding: Curatelli F.

137.

- ? Title: The Move Beyond Edutainment: Have We Learnt Our Lessons from Entertainment Games?
- ? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics
- ? Year: 2014
- ? Type: Book Series
- ? Subtype: Conference Paper
- ? Citations: 2
- ? Doi: 10.1007/978-3-319-12157-4\_7
- ? Scopus ID: 2-s2.0-84909585237
- ? Issn: 03029743
- ? eISSN: 16113349
- ? Volume: 8605
- ? Pages: 77-89
- ? Authors: Azadegan Aida; Hauge Jannicke Balsrud; Bellotti Francesco; Berta Riccardo; Bidarra Rafael; Harteveld Casper; Riedel Johann C.K.H.; Stanescu Ioana Andreea
- ? Quartile:
  - 2025:
    - ? Theoretical Computer Science (Q3, rank 70, percentile 48)
    - ? Computer Science (all) (Q3, rank 129, percentile 46)
  - 2014:
    - ? Computer Science (all) (Q2, rank 87, percentile 56)
    - ? Theoretical Computer Science (Q3, rank 82, percentile 30)
- ? Source Id: 25674
- ? Author Ids: 54584824100;16233132400;55890888700;6701751695;6602846970;23392508000;7005695463;35280492300

? Authoraffiliationids:

60097343;60008293;60025153;60025153;60006288;60028628;60015138;106419512

? Corresponding: Azadegan A.

138.

? Title: Requirements on learning analytics for facilitated and non facilitated games

? Venue: IEEE Global Engineering Education Conference Educon

? Year: 2014

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 5

? Doi: 10.1109/Educon.2014.6826251

? Scopus ID: 2-s2.0-84903461449

? Issn: 21659559

? eISSN: 21659567

? Pages: 1126-1132

? Authors: Baalsrud Hauge Jannicke; Kalverkamp Matthias; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Barabino Giulio

? Keywords: facilitation | immediate feedback | learning analytic | serious games

? Quartile:

2025:

? Education (Q2, rank 758, percentile 54)

? Information Systems and Management (Q2, rank 97, percentile 53)

? Engineering (all) (Q3, rank 183, percentile 47)

? Source Id: 21100206205

? Author Ids: 16233132400;55434047000;55890888700;6701751695;7004620974;7004625296

? Authoraffiliationids: 60008293;60008293;60025153;60025153;60025153;60025153

? Corresponding: Baalsrud Hauge J.

139.

? Title: Narrative Serious Game Mechanics (NSGM) - Insights into the narrative-pedagogical mechanism

? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics

? Year: 2014

? Type: Book Series

? Subtype: Conference Paper

? Citations: 26

? Doi: 10.1007/978-3-319-05972-3\_4

? Scopus ID: 2-s2.0-84901680200

? Issn: 03029743

? eISSN: 16113349

? Volume: 8395 Lncs

? Pages: 23-34

? Authors: Lim Theodore; Louchart Sandy; Suttie Neil; Hauge Jannicke Baalsrud; Stanescu Ioana A.; Ortiz Ivan M.; Moreno-Ger Pablo; Bellotti Francesco; Carvalho Maira B.; Earp Jeffrey; Ott Michela; Arnab Sylvester; Berta Riccardo

? Quartile:

2025:

? Theoretical Computer Science (Q3, rank 70, percentile 48)

? Computer Science (all) (Q3, rank 129, percentile 46)

2014:

? Computer Science (all) (Q2, rank 87, percentile 56)

? Theoretical Computer Science (Q3, rank 82, percentile 30)

? Source Id: 25674

? Author Ids: 24923001300;14010506300;56632397300;16233132400;35280492300;8951372200;89

51372100;55890888700;55841076700;24480883400;23397859100;24528279500;6701751695  
? Authoraffiliationids: 60019656;60019656;60019656;60008293;112512097;60027282;60027282  
;60025153;60025153;60021199;60021199;60017326;60025153  
? Corresponding: Lim T.

140.

? Title: Neurophysiological methods for monitoring brain activity in serious games and virtual environments: A review  
? Venue: International Journal of Technology Enhanced Learning  
? Year: 2014  
? Type: Journal  
? Subtype: Article  
? Citations: 32  
? Doi: 10.1504/Ijtel.2014.060022  
? Scopus ID: 2-s2.0-84897558945  
? Issn: 17535255  
? eISSN: 17535263  
? Volume: 6  
? Issue: 1  
? Pages: 78-103  
? Authors: Ninaus Manuel; Kober Silvia Erika; Friedrich Elisabeth V.C.; Dunwell Ian; De Freitas Sara; Arnab Sylvester; Ott Michela; Kravcik Milos; Lim Theodore; Louchart Sandy; Bellotti Francesco; Hannemann Anna; Thin Alasdair G.; Berta Riccardo; Wood Guilherme; Neuper Christa  
? Keywords: Brain | EEG | Electroencephalography | FMRI | Functional magnetic resonance imaging | Game-based learning | Games | Learning | Near infrared spectroscopy | Neurophysiological methods | Neuroscience | NIRS | Serious games | Virtual environments | Virtual reality  
? Quartile:  
2025:  
? Education (Q2, rank 619, percentile 62)  
? Computer Science Applications (Q3, rank 528, percentile 46)  
2014:  
? Education (Q1, rank 214, percentile 76)  
? Computer Science Applications (Q2, rank 229, percentile 54)  
? Source Id: 21100220379  
? Author Ids: 55797096600;36701518800;25027165100;35101874600;57203045925;24528279500;23397859100;55887919900;24923001300;14010506300;55890888700;35069467300;8155414000;6701751695;8646361800;7003841177  
? Authoraffiliationids: 60022457;60022457;60022457;60017326;60017326;60017326;60021199;60016653;60019656;60019656;60025153;60016653;60019656;60025153;60022457;60022457  
? Corresponding: Ninaus M.

141.

? Title: A gamified short course for promoting entrepreneurship among ICT engineering students  
? Venue: Proceedings 2013 IEEE 13th International Conference on Advanced Learning Technologies IcalT 2013  
? Year: 2013  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 52  
? Doi: 10.1109/IcalT.2013.14  
? Scopus ID: 2-s2.0-84885194083  
? Pages: 31-32  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Lavagnino Elisa;

Antonaci Alessandra; Dagnino Francesca Maria; Ott Michela

? Keywords: gamification | higher education | learning | serious games | soft skills | technology-enhanced learning

? Source Id: 21100259548

? Author Ids:

55890888700;6701751695;7004620974;54882871400;55877136500;55376574100;23397859100

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60021199;60021199

? Corresponding: Bellotti F.

142.

? Title: Electroencephalogram and physiological signal analysis for assessing flow in games

? Venue: IEEE Transactions on Computational Intelligence and AI in Games

? Year: 2013

? Type: Journal

? Subtype: Article

? Citations: 107

? Doi: 10.1109/Tcraig.2013.2260340

? Scopus ID: 2-s2.0-84879357199

? Issn: 1943068x

? Volume: 5

? Issue: 2

? Pages: 164-175

? Authors: Berta Riccardo; Bellotti Francesco; De Gloria Alessandro; Pranantha Danu; Schatten Carlotta

? Keywords: Electroencephalogram (EEG) | games | passive brain-computer interface (BCI) | user adaptivity | user tracking

? Quartile:

2013:

? Electrical and Electronic Engineering (Q1, rank 37, percentile 94)

? Control and Systems Engineering (Q1, rank 13, percentile 93)

? Software (Q1, rank 29, percentile 92)

? Artificial Intelligence (Q1, rank 18, percentile 88)

? Source Id: 19700177025

? Author Ids: 6701751695;55890888700;7004620974;16679568500;55372624000

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153-60002941

? Corresponding: Berta R.

143.

? Title: Assessment in and of serious games: An overview

? Venue: Advances in Human Computer Interaction

? Year: 2013

? Type: Journal

? Subtype: Review

? Citations: 473

? Doi: 10.1155/2013/136864

? Scopus ID: 2-s2.0-84875498804

? Issn: 16875893

? eISSN: 16875907

? Volume: 2013

? Authors: Bellotti Francesco; Kapralos Bill; Lee Kiju; Moreno-Ger Pablo; Berta Riccardo

? Quartile:

2025:

? Human-Computer Interaction (Q2, rank 50, percentile 74)

2013:

- ? Human-Computer Interaction (Q3, rank 42, percentile 48)  
? Source Id: 19700182320  
? Author Ids: 55890888700;55946696900;56100796900;8951372100;6701751695  
? Authoraffiliationids: 60025153;60189739;60144130;60027282;60025153  
? Corresponding: Bellotti F.
144.  
? Title: An easy to author dialogue management system for serious games  
? Venue: Journal on Computing and Cultural Heritage  
? Year: 2013  
? Type: Journal  
? Subtype: Article  
? Citations: 20  
? Doi: 10.1145/2460376.2460381  
? Scopus ID: 2-s2.0-84979834521  
? Issn: 15564673  
? eISSN: 15564711  
? Volume: 6  
? Issue: 2  
? Authors: Mori Daniele; Berta Riccardo; De Gloria Alessandro; Fiore Valentina; Magnani Lauto  
? Keywords: Conversational agents | Dialogue systems | Natural language | Nonplayer character | Serious games  
? Quartile:  
2025:  
? Conservation (Q1, rank 1, percentile 99)  
? Computer Graphics and Computer-Aided Design (Q1, rank 28, percentile 79)  
? Computer Science Applications (Q2, rank 273, percentile 72)  
? Information Systems (Q2, rank 139, percentile 72)  
? Source Id: 19400157014  
? Author Ids: 57225372840;6701751695;7004620974;57000162700;55548461500  
? Authoraffiliationids: 100505222;100505222;100505222;60025153;60025153  
? Corresponding: Mori D.
145.  
? Title: Deploying serious games for management in higher education: Lessons learned and good practices  
? Venue: 7th European Conference on Games Based Learning EcgbL 2013  
? Year: 2013  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 13  
? Scopus ID: 2-s2.0-84893691533  
? Volume: 1  
? Pages: 225-234  
? Authors: Baalsrud Hauge Jannicke; Bellotti Francesco; Nadolski Rob; Kickmeier-Rust Michael; Berta Riccardo; Carvalho Maira  
? Keywords: Assessment | Case studies | Selection methods for serious games  
? Source Id: 21100286414  
? Author Ids: 16233132400;55890888700;6602547185;23397084000;6701751695;55841076700  
? Authoraffiliationids: 60008293;60025153;60024360;60019663;60025153;60025153  
? Corresponding: Baalsrud Hauge J.
146.  
? Title: Puzzle-it: An HTML5 serious games platform for education - Puzzle based serious games for education  
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in

## Artificial Intelligence and Lecture Notes in Bioinformatics

? Year: 2012  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 6  
? Doi: 10.1007/978-3-642-33466-5\_15  
? Scopus ID: 2-s2.0-84871413303  
? Issn: 03029743  
? eISSN: 16113349  
? Volume: 7516 Lncs  
? Pages: 134-143  
? Authors: Pranantha Danu; Bellotti Francesco; Berta Ricardo; De Gloria Alessandro  
? Keywords: game content authoring | game development | game engine | HTML5 | JavaScript | puzzle game | serious games | social networks  
? Quartile:  
2025:  
? Theoretical Computer Science (Q3, rank 70, percentile 48)  
? Computer Science (all) (Q3, rank 129, percentile 46)  
2012:  
? Computer Science (all) (Q2, rank 84, percentile 56)  
? Theoretical Computer Science (Q3, rank 83, percentile 30)  
? Source Id: 25674  
? Author Ids: 16679568500;55890888700;6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Pranantha D.

147.

? Title: Measuring enjoyment in games through electroencephalogram (EEG) signal analysis  
? Venue: Proceedings of the European Conference on Games Based Learning  
? Year: 2012  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 3  
? Scopus ID: 2-s2.0-84897814635  
? Issn: 20490992  
? Authors: Plotnikov Anton; Stakheika Natallia; Schatten Carlotta; Bellotti Francesco; Pranantha D.; Berta R.; De Gloria A.  
? Keywords: Adaptivity | Electroencephalogram (EEG) | Flow | Support vector machine (SVM) | User profiling  
? Quartile:  
2025:  
? Education (Q3, rank 1031, percentile 37)  
? Computer Graphics and Computer-Aided Design (Q3, rank 85, percentile 35)  
? Computer Networks and Communications (Q3, rank 376, percentile 31)  
? Artificial Intelligence (Q3, rank 358, percentile 27)  
? Control and Systems Engineering (Q3, rank 281, percentile 26)  
? Software (Q4, rank 405, percentile 19)  
? Human-Computer Interaction (Q4, rank 161, percentile 15)  
? Source Id: 21100293202  
? Author Ids: 55372894600;55372228600;55372624000;55890888700;16679568500;6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Plotnikov A.

148.

- ? Title: Games and Learning Alliance (GaLA) supporting education and training through hi-tech gaming  
? Venue: Proceedings of the 12th IEEE International Conference on Advanced Learning Technologies Icalt 2012  
? Year: 2012  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 9  
? Doi: 10.1109/Icalt.2012.146  
? Scopus ID: 2-s2.0-84867027691  
? Pages: 740-741  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro  
? Keywords: Living Labs | Serious Games | Technology Enhanced Learning | Virtual research Center | Virtual Research Environment  
? Source Id: 21100216982  
? Author Ids: 55890888700;6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Bellotti F.
- 149.
- ? Title: Embodied conversational human-machine interface with wearable body sensors for improving geography teaching  
? Venue: Proceedings of the 12th IEEE International Conference on Advanced Learning Technologies Icalt 2012  
? Year: 2012  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1109/Icalt.2012.100  
? Scopus ID: 2-s2.0-84867026156  
? Pages: 686-687  
? Authors: Ling Y.; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro  
? Keywords: embodied interaction | geography teaching | HIMI | sensor technology  
? Source Id: 21100216982  
? Author Ids: 55372449900;55890888700;6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Ling Y.
- 150.
- ? Title: Exploiting real-time EEG analysis for assessing flow in games  
? Venue: Proceedings of the 12th IEEE International Conference on Advanced Learning Technologies Icalt 2012  
? Year: 2012  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 29  
? Doi: 10.1109/Icalt.2012.144  
? Scopus ID: 2-s2.0-84867025918  
? Pages: 688-689  
? Authors: Plotnikov A.; Stakheika N.; De Gloria Alessandro; Schatten C.; Bellotti Francesco; Berta Riccardo; Fiorini C.; Ansovini F.  
? Keywords: Brain-Computer Interface | brainwaves | Electroencephalogram (EEG) | flow | neurosciences | serious games | Support Vector Machine (SVM) | user experience | viedogames  
? Source Id: 21100216982  
? Author Ids: 55372894600;55372228600;7004620974;55372624000;55890888700;6701751695;571

97016004;55372827800

? Authoraffiliationids:

60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153

? Corresponding: Plotnikov A.

151.

? Title: A format of serious games for higher technology education topics: A case study in a digital electronic system course

? Venue: Proceedings of the 12th IEEE International Conference on Advanced Learning Technologies Icalt 2012

? Year: 2012

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 9

? Doi: 10.1109/Icalt.2012.52

? Scopus ID: 2-s2.0-84867005793

? Pages: 13-17

? Authors: Pranantha Danu; Bellotti Francesco; Berta Riccardo; De Gloria Alessandro

? Keywords: advanced learning technologies | digital electronics | HTML5 | serious games | social networks

? Source Id: 21100216982

? Author Ids: 16679568500;55890888700;6701751695;7004620974

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Pranantha D.

152.

? Title: Framing the adoption of serious games in formal education

? Venue: Electronic Journal of E Learning

? Year: 2012

? Type: Journal

? Subtype: Article

? Citations: 85

? Scopus ID: 2-s2.0-84865605805

? Issn: 14794403

? Volume: 10

? Issue: 2

? Pages: 159-171

? Authors: Arnab Sylvester; Berta Riccardo; Earp Jeffrey; de Sara Freitas; Popescu Maria; Romero Margarida; Stanescu Ioana; Usart Mireia

? Keywords: Collaboration | Formal learning | Game-based learning | Pedagogical issues | Serious games | Teacher's role

? Quartile:

2025:

? Education (Q1, rank 131, percentile 92)

? Computer Science Applications (Q1, rank 208, percentile 78)

2012:

? Education (Q4, rank 664, percentile 20)

? Computer Science Applications (Q4, rank 436, percentile 6)

? Source Id: 21100201056

? Author Ids: 24528279500;6701751695;24480883400;57203045925;55348157300;36698221700;35280492300;55027240400

? Authoraffiliationids:

60017326;60025153;60016864;60017326;112512097;60017326;112512097;60113192

? Corresponding: Arnab S.

153.

? Title: A serious game model for cultural heritage

? Venue: Journal on Computing and Cultural Heritage  
? Year: 2012  
? Type: Journal  
? Subtype: Article  
? Citations: 147  
? Doi: 10.1145/2399180.2399185  
? Scopus ID: 2-s2.0-84979824728  
? Issn: 15564673  
? Volume: 5  
? Issue: 4  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; D'Ursi Annamaria; Fiore Valentina  
? Keywords: Content authoring | Cultural heritage | Game-based learning | Serious games | Task-based learning | User experience | User testing | Virtual reality  
? Quartile:  
2025:  
? Conservation (Q1, rank 1, percentile 99)  
? Computer Graphics and Computer-Aided Design (Q1, rank 28, percentile 79)  
? Computer Science Applications (Q2, rank 273, percentile 72)  
? Information Systems (Q2, rank 139, percentile 72)  
? Source Id: 19400157014  
? Author Ids: 55890888700;6701751695;7004620974;57190408589;57000162700  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.  
154.  
? Title: Designing a course for stimulating entrepreneurship in higher education through serious games  
? Venue: Procedia Computer Science  
? Year: 2012  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 75  
? DOI: 10.1016/j.procs.2012.10.069  
? Scopus ID: 2-s2.0-84893749415  
? Issn: 18770509  
? Volume: 15  
? Pages: 174-186  
? Authors: Bellotti F.; Berta R.; De Gloria A.; Lavagnino E.; Dagnino F.; Ott M.; Romero M.; Usart M.; Mayer I. S.  
? Keywords: Business games simulations | Collection of requirements | Entrepreneurship | Higher education | Serious games  
? Quartile:  
2025:  
? Computer Science (all) (Q2, rank 107, percentile 55)  
2012:  
? Computer Science (all) (Q3, rank 101, percentile 47)  
? Source Id: 19700182801  
? Author Ids: 55890888700;6701751695;7004620974;54882871400;55376574100;23397859100;36698221700;55027240400;7103174445  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60021199;60021199;60113192;60113192;60006288  
? Corresponding: Bellotti F.  
155.  
? Title: Building a comprehensive R&D community on serious games

? Venue: Procedia Computer Science  
? Year: 2012  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 17  
? DOI: 10.1016/j.procs.2012.10.051  
? Scopus ID: 2-s2.0-84886591134  
? Issn: 18770509  
? Volume: 15  
? Pages: 1-3  
? Authors: De Gloria A.; Bellotti F.; Berta R.  
? Keywords: Assessment | Design | Network of excellence | Serious games | Technology-enhanced learning  
? Quartile:  
2025:  
? Computer Science (all) (Q2, rank 107, percentile 55)  
2012:  
? Computer Science (all) (Q3, rank 101, percentile 47)  
? Source Id: 19700182801  
? Author Ids: 7004620974;55890888700;6701751695  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: De Gloria A.

156.  
? Title: Towards a Conversational Agent architecture to favor knowledge discovery in serious games  
? Venue: ACM International Conference Proceeding Series  
? Year: 2011  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 4  
? Doi: 10.1145/2071423.2071444  
? Scopus ID: 2-s2.0-84855402661  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Lavagnino Elisa  
? Keywords: Conversational Agents | Dialogue system | Natural language interaction | Non Player Characters | Serious games  
? Source Id: 11600154611  
? Author Ids: 55890888700;6701751695;7004620974;54882871400  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

157.  
? Title: Player experience and technical performance prospects for distributed 3D gaming in private and public settings  
? Venue: Computers in Entertainment  
? Year: 2011  
? Type: Journal  
? Subtype: Article  
? Citations: 0  
? Doi: 10.1145/2027456.2027462  
? Scopus ID: 2-s2.0-84855223287  
? Issn: 15443574  
? eISSN: 15443981  
? Volume: 9  
? Issue: 3  
? Authors: Jurgelionis Audrius; Nap Henk Herman; Gajadhar Brian J.; Bellotti Francesco;

Wang Alf Inge; Berta Riccardo

? Keywords: Distributed 3D gaming | Experiment | Games@Large framework | Internet caf^| Network performance | On-demand gaming | Public and private settings | Real-time performance | System performance | Testbeds | Testing and evaluation | User experience

? Quartile:

2011:

? Computer Science Applications (Q2, rank 149, percentile 67)

? Source Id: 4700152823

? Author Ids: 36179852400;36171183100;25723084700;55890888700;7404619969;6701751695

? Authoraffiliationids: 60013141;;60032882;60025153;60013141;60025153

? Corresponding: Jurgelionis A.

158.

? Title: Investigating the added value of interactivity and serious gaming for educational TV

? Venue: Computers and Education

? Year: 2011

? Type: Journal

? Subtype: Article

? Citations: 14

? DOI: 10.1016/j.compedu.2010.11.013

? Scopus ID: 2-s2.0-79151470066

? Issn: 03601315

? Volume: 57

? Issue: 1

? Pages: 1137-1148

? Authors: Bellotti F.; Berta R.; De Gloria A.; Ozolina A.

? Keywords: Digital TV | Interactive TV | Serious games | t-Learning | Television | TV-based learning | User centered design | User tests

? Quartile:

2025:

? Education (Q1, rank 4, percentile 99)

? Computer Science (all) (Q1, rank 5, percentile 98)

2011:

? Education (Q1, rank 7, percentile 99)

? Computer Science (all) (Q1, rank 5, percentile 97)

? Source Id: 17645

? Author Ids: 55890888700;6701751695;7004620974;56636681300

? Authoraffiliationids: 60025153;60025153;60025153;60071057

? Corresponding: Bellotti F.

159.

? Title: Serious games in formal education: Discussing some critical aspects

? Venue: Proceedings of the European Conference on Games Based Learning

? Year: 2011

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 16

? Scopus ID: 2-s2.0-84938591678

? Issn: 20490992

? Volume: 2011-January

? Pages: 486-493

? Authors: Popescu Maria; Arnab Sylvester; Berta Riccardo; Earp Jeffrey; De Freitas Sara; Romero Margarida; Stanescu Ioana; Usart Mireia

? Keywords: Formal learning | Game-based learning | Pedagogical issues | Serious games

? Quartile:

2025:

- ? Education (Q3, rank 1031, percentile 37)
- ? Computer Graphics and Computer-Aided Design (Q3, rank 85, percentile 35)
- ? Computer Networks and Communications (Q3, rank 376, percentile 31)
- ? Artificial Intelligence (Q3, rank 358, percentile 27)
- ? Control and Systems Engineering (Q3, rank 281, percentile 26)
- ? Software (Q4, rank 405, percentile 19)
- ? Human-Computer Interaction (Q4, rank 161, percentile 15)
- ? Source Id: 21100293202
- ? Author Ids: 55348157300;24528279500;6701751695;24480883400;57203045925;36698221700;35280492300;55027240400
- ? Authoraffiliationids: 112512097;60017326;60025153;60016864;60017326;60113192;112512097;60113192
- ? Corresponding: Popescu M.

160.

- ? Title: Designing serious games for education: From pedagogical principles to game mechanisms
- ? Venue: Proceedings of the European Conference on Games Based Learning
- ? Year: 2011
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 70
- ? Scopus ID: 2-s2.0-84938574502
- ? Issn: 20490992
- ? Volume: 2011-January
- ? Pages: 26-34
- ? Authors: Bellotti Francesco; Ott Michela; Arnab Sylvester; Berta Riccardo; De Freitas Sara; Kiili Kristian; De Gloria Alessandro
- ? Keywords: Game design | Game-based learning | Pedagogical strategies | Serious games | Technology enhanced learning | User profiling | Virtual worlds
- ? Quartile:

2025:

- ? Education (Q3, rank 1031, percentile 37)
- ? Computer Graphics and Computer-Aided Design (Q3, rank 85, percentile 35)
- ? Computer Networks and Communications (Q3, rank 376, percentile 31)
- ? Artificial Intelligence (Q3, rank 358, percentile 27)
- ? Control and Systems Engineering (Q3, rank 281, percentile 26)
- ? Software (Q4, rank 405, percentile 19)
- ? Human-Computer Interaction (Q4, rank 161, percentile 15)
- ? Source Id: 21100293202
- ? Author Ids: 55890888700;23397859100;24528279500;6701751695;57203045925;8304180400;7004620974
- ? Authoraffiliationids: 100359995;60021199;60017326;100359995;60017326;60011170;100359995
- ? Corresponding: Bellotti F.

161.

- ? Title: Designing Serious Games for Cultural Heritage Purposes
- ? Venue: Digital Games and Learning
- ? Year: 2011
- ? Type: Book
- ? Subtype: Book Chapter
- ? Citations: 9
- ? Scopus ID: 2-s2.0-80052715277
- ? Pages: 252-276

? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Panizza Giulia; Pellegrino Matteo; Primavera Ludovica  
? Source Id: 21101207949  
? Author Ids: 55890888700;6701751695;7004620974;35183785800;55265919700;30067834500  
? Authoraffiliationids: 60025153;60025153;;;;  
? Corresponding: Bellotti F.

162.

? Title: An architectural approach to efficient 3D urban modeling  
? Venue: Computers and Graphics Pergamon  
? Year: 2011  
? Type: Journal  
? Subtype: Article  
? Citations: 22  
? DOI: 10.1016/j.cag.2011.07.004  
? Scopus ID: 2-s2.0-80051622376  
? Issn: 00978493  
? Volume: 35  
? Issue: 5  
? Pages: 1001-1012  
? Authors: Bellotti Francesco; Berta Riccardo; Cardona Rosario; De Gloria Alessandro  
? Keywords: 3D urban modeling | 3D virtual reconstructions | Architectural semantics and ontology | Cultural heritage | Procedural modeling | Serious games | Simulation | Textures | Virtual worlds

? Quartile:

2025:

? Engineering (all) (Q1, rank 64, percentile 81)  
? Computer Graphics and Computer-Aided Design (Q1, rank 30, percentile 77)  
? Signal Processing (Q1, rank 45, percentile 77)  
? Computer Vision and Pattern Recognition (Q1, rank 43, percentile 75)  
? Software (Q2, rank 155, percentile 69)  
? Human-Computer Interaction (Q2, rank 77, percentile 59)

2011:

? Engineering (all) (Q1, rank 39, percentile 84)  
? Computer Graphics and Computer-Aided Design (Q2, rank 24, percentile 62)  
? Human-Computer Interaction (Q3, rank 38, percentile 47)

? Source Id: 25028

? Author Ids: 55890888700;6701751695;57213295541;7004620974

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Bellotti F.

163.

? Title: Enabling dynamic generation of levels for RTS serious games  
? Venue: Entertainment Computing  
? Year: 2011  
? Type: Journal  
? Subtype: Article  
? Citations: 3  
? DOI: 10.1016/j.entcom.2010.12.005  
? Scopus ID: 2-s2.0-79960018116  
? Issn: 18759521  
? Volume: 2  
? Issue: 2  
? Pages: 123-131  
? Authors: Bardini Matteo; Bellotti Francesco; Berta Riccardo; Gloria Alessandro De  
? Keywords: A\* shortest path computation | Image processing | Parallel processing |

Real time strategy games | Serious games

? Quartile:

2025:

? Software (Q2, rank 207, percentile 58)

? Human-Computer Interaction (Q3, rank 99, percentile 48)

2011:

? Software (Q3, rank 237, percentile 33)

? Human-Computer Interaction (Q3, rank 50, percentile 30)

? Source Id: 19400158708

? Author Ids: 43760944800;55890888700;6701751695;7004620974

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Bardini M.

164.

? Title: University: Towards a holistic approach to educational virtual city design

? Venue: 2010 16th International Conference on Virtual Systems and Multimedia Vsomm 2010

? Year: 2010

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? Doi: 10.1109/Vsomm.2010.5665929

? Scopus ID: 2-s2.0-78651441574

? Pages: 371-374

? Authors: Fominykh M.; Prasolova-F^rlan E.; Morozov M.; Gerasimov A.; Bellotti F.;

Berta R.; Cardona S.; De Gloria A.

? Keywords: 3D virtual environments | Cultural heritage | Learning environments |

Serious games | Virtual cities

? Source Id: 19700186741

? Author Ids: 24824403600;8348539200;16638657200;36476272800;55890888700;6701751695;572  
13295541;7004620974

? Authoraffiliationids:

60013141;60013141;60023408;60023408;60025153;60025153;60025153;60025153

? Corresponding: Fominykh M.

165.

? Title: Erratum: Development of task-based learning in serious virtual world (British Journal of Educational Technology (2010) 41:1 (86-107))

? Venue: British Journal of Educational Technology

? Year: 2010

? Type: Journal

? Subtype: Erratum

? Citations: 0

? DOI: 10.1111/j.1467-8535.2010.01100-2.x

? Scopus ID: 2-s2.0-77953567248

? Issn: 00071013

? eISSN: 14678535

? Volume: 41

? Issue: 4

? Pages: 538

? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Primavera Ludovica

? Quartile:

2025:

? Education (Q1, rank 9, percentile 99)

? Source Id: 23988

? Author Ids: 55890888700;6701751695;7004620974;30067834500

? Corresponding: Bellotti F.

166.

? Title: Designing effective serious games: Opportunities and challenges for research  
? Venue: International Journal of Emerging Technologies in Learning  
? Year: 2010  
? Type: Journal  
? Subtype: Article  
? Citations: 199  
? DOI: 10.3991/ijet.v5s3.1500  
? Scopus ID: 2-s2.0-84865606015  
? Issn: 18688799  
? eISSN: 18630383  
? Volume: 5  
? Issue: Special Issue 2  
? Pages: 22-35  
? Authors: Bellotti F.; Berta R.; De Gloria A.  
? Keywords: Cognitive load theory | Human-computer interaction | Intelligent tutoring | Serious games | Simulation | Virtual reality  
? Source Id: 21100197967  
? Author Ids: 55890888700;6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Bellotti F.

167.

? Title: Supporting authors in the development of task-based learning in serious virtual worlds  
? Venue: British Journal of Educational Technology  
? Year: 2010  
? Type: Journal  
? Subtype: Article  
? Citations: 42  
? DOI: 10.1111/j.1467-8535.2009.01039.x  
? Scopus ID: 2-s2.0-73149101859  
? Issn: 00071013  
? eISSN: 14678535  
? Volume: 41  
? Issue: 1  
? Pages: 86-107  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Primavera Ludovica  
? Quartile:  
2025:  
? Education (Q1, rank 9, percentile 99)  
? Source Id: 23988  
? Author Ids: 55890888700;6701751695;7004620974;30067834500  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

168.

? Title: A task annotation model for SandBox Serious Games  
? Venue: Cig2009 2009 IEEE Symposium on Computational Intelligence and Games  
? Year: 2009  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 14  
? Doi: 10.1109/Cig.2009.5286471  
? Scopus ID: 2-s2.0-71549116088  
? Pages: 233-240

? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Primavera Ludovica  
? Keywords: Learning spaces | Serious games | Task based learning | Technology enhanced education | User modeling  
? Source Id: 19500156816  
? Author Ids: 55890888700;6701751695;7004620974;30067834500  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

169.

? Title: Developing web3D tools for promoting the european heritage  
? Venue: Tourism Informatics Visual Travel Recommender Systems Social Communities and User Interface Design  
? Year: 2009  
? Type: Book  
? Subtype: Book Chapter  
? Citations: 3  
? DOI: 10.4018/978-1-60566-818-5.ch012  
? Scopus ID: 2-s2.0-84900122389  
? Pages: 194-208  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Primavera Ludovica  
? Source Id: 21100310455  
? Author Ids: 55890888700;6701751695;7004620974;30067834500  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

170.

? Title: Adaptive experience engine for serious games  
? Venue: IEEE Transactions on Computational Intelligence and AI in Games  
? Year: 2009  
? Type: Journal  
? Subtype: Article  
? Citations: 82  
? Doi: 10.1109/Tcraig.2009.2035923  
? Scopus ID: 2-s2.0-77955666872  
? Issn: 1943068x  
? Volume: 1  
? Issue: 4  
? Pages: 264-280  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Primavera Ludovica  
? Keywords: Genetic algorithms | Reinforcement learning (RL) | Serious games | Technology enhanced education | User modeling  
? Source Id: 19700177025  
? Author Ids: 55890888700;6701751695;7004620974;30067834500  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

171.

? Title: Designing cultural heritage contents for serious virtual worlds  
? Venue: Vsmm 2009 Proceedings of the 15th International Conference on Virtual Systems and Multimedia  
? Year: 2009  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 5  
? Doi: 10.1109/Vsomm.2009.41  
? Scopus ID: 2-s2.0-70450240872  
? Pages: 227-231

? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Panizza Giulia; Primavera Ludovica  
? Keywords: Serious Games | User Generated Contents | Virtual World  
? Source Id: 19400158638  
? Author Ids: 55890888700;6701751695;7004620974;35183785800;30067834500  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

172.

? Title: Player experience evaluation: An approach based on the personal construct theory  
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics  
? Year: 2009  
? Type: Book Series  
? Subtype: Conference Paper  
? Citations: 7  
? Doi: 10.1007/978-3-642-04052-8\_11  
? Scopus ID: 2-s2.0-70350596726  
? Issn: 03029743  
? eISSN: 16113349  
? Volume: 5709 Lncs  
? Pages: 120-131  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Primavera Ludovica  
? Keywords: Personal construct theory | Repertory grid technique | User experience | Videogame testing and evaluation | Videogames  
? Quartile:  
2025:  
? Theoretical Computer Science (Q3, rank 70, percentile 48)  
? Computer Science (all) (Q3, rank 129, percentile 46)  
? Source Id: 25674  
? Author Ids: 55890888700;6701751695;7004620974;30067834500  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

173.

? Title: Enhancing the educational value of video games  
? Venue: Computers in Entertainment  
? Year: 2009  
? Type: Journal  
? Subtype: Article  
? Citations: 68  
? Doi: 10.1145/1541895.1541903  
? Scopus ID: 2-s2.0-68049105384  
? Issn: 15443574  
? eISSN: 15443981  
? Volume: 7  
? Issue: 2  
? Authors: Bellotti F.; Berta R.; De Gloria A.; Primavera L.  
? Keywords: Constructivism | Educational games | Repertory grid technique | Serious games | Technology enhanced learning | Video game test and evaluation | Video games | Virtual worlds  
? Source Id: 4700152823  
? Author Ids: 55890888700;6701751695;7004620974;30067834500  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

174.

? Title: Exploring gaming mechanisms to enhance knowledge acquisition in virtual worlds  
? Venue: Proceedings 3rd International Conference on Digital Interactive Media in Entertainment and Arts Dimea 2008  
? Year: 2008  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 46  
? Doi: 10.1145/1413634.1413653  
? Scopus ID: 2-s2.0-62849124687  
? Pages: 77-84  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandra; Zappi Victor  
? Keywords: 3D reconstruction | Serious games | Virtual heritage  
? Source Id: 17300154734  
? Author Ids: 55890888700;6701751695;7004620974;36095237500  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

175.

? Title: oDect: an RFID-based object detection API to support applications development on mobile devices  
? Venue: Software Practice and Experience  
? Year: 2008  
? Type: Journal  
? Subtype: Article  
? Citations: 2  
? DOI: 10.1002/spe.864  
? Scopus ID: 2-s2.0-54949096954  
? Issn: 00380644  
? eISSN: 1097024X  
? Volume: 38  
? Issue: 12  
? Pages: 1241-1259  
? Authors: Bellotti Francesco; Berta Riccardo; Margarone Massimiliano; De Gloria Alessandro  
? Keywords: Context awareness | Development tools | HCI with mobile devices | Interaction styles | Mobile applications | Programming languages | RFID | User interfaces | Wireless sensor networks  
? Quartile:  
2025:  
? Software (Q1, rank 98, percentile 80)  
? Source Id: 20007  
? Author Ids: 55890888700;6701751695;6506263840;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

176.

? Title: Widely Usable User Interfaces on Mobile Devices with RFID  
? Venue: Human Computer Interaction Concepts Methodologies Tools and Applications Volumes 1 4  
? Year: 2008  
? Type: Book  
? Subtype: Book Chapter  
? Citations: 0  
? DOI: 10.4018/978-1-60566-052-3.ch078  
? Scopus ID: 2-s2.0-105016621653

? Volume: 2  
? Pages: 1234-1250  
? Authors: Bellotti Francesco; Berta Riccardo; de Gloria Alessandro; Margarone Massimiliano  
? Source Id: 21101332019  
? Author Ids: 55890888700;6701751695;7004620974;6506263840  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

177.

? Title: Widely Usable User Interfaces on Mobile Devices with RFID  
? Venue: Mobile Computing Concepts Methodologies Tools and Applications Volumes 1 6  
? Year: 2008  
? Type: Book  
? Subtype: Book Chapter  
? Citations: 0  
? DOI: 10.4018/978-1-60566-054-7.ch249  
? Scopus ID: 2-s2.0-105016557225  
? Volume: 6  
? Pages: 3387-3403  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Margarone Massimiliano  
? Source Id: 21101332024  
? Author Ids: 55890888700;6701751695;7004620974;6506263840  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

178.

? Title: Widely Usable User Interfaces on Mobile Devices with RFID  
? Venue: Handbook of Research on User Interface Design and Evaluation for Mobile Technology Volume 1  
? Year: 2008  
? Type: Book  
? Subtype: Book Chapter  
? Citations: 1  
? DOI: 10.4018/978-1-59904-871-0.ch039  
? Scopus ID: 2-s2.0-105013004930  
? Pages: 657-672  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro D.; Margarone Massimiliano  
? Source Id: 21101319913  
? Author Ids: 55890888700;6701751695;7004620974;6506263840  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

179.

? Title: Implementing tour guides for travelers  
? Venue: Human Factors and Ergonomics in Manufacturing  
? Year: 2005  
? Type: Journal  
? Subtype: Article  
? Citations: 7  
? DOI: 10.1002/hfm.20038  
? Scopus ID: 2-s2.0-28044456511  
? Issn: 10908471  
? Volume: 15  
? Issue: 4

? Pages: 461-476

? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Margarone Massimiliano

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q2, rank 145, percentile 64)

? Human Factors and Ergonomics (Q2, rank 24, percentile 52)

? Source Id: 21101229244

? Author Ids: 55890888700;6701751695;7004620974;6506263840

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Bellotti F.

180.

? Title: Integrating nomadic devices in an adaptive driver-vehicle environment

? Venue: IFAC Proceedings Volumes IFAC Papersonline

? Year: 2005

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? DOI: 10.3182/20050703-6-cz-1902.01200

? Scopus ID: 2-s2.0-79960743410

? Issn: 14746670

? Volume: 38

? Issue: 1

? Pages: 127-132

? Authors: Bellotti F.; Berta R.; Robertson P.; Kompfner P.; Amditis A.

? Keywords: Automotive | Cellular | Driver | Multimedia | Safety | Telematics | User interfaces

? Source Id: 21100456158

? Author Ids: 55890888700;6701751695;57213574068;44261383500;6602330457

? Authoraffiliationids: 111295058;111295058;60099662;60101423;60002947

? Corresponding: Bellotti F.

181.

? Title: Designing mobile games for a challenging experience of the urban heritage

? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics

? Year: 2004

? Type: Book Series

? Subtype: Article

? Citations: 3

? Scopus ID: 2-s2.0-35048838121

? Issn: 03029743

? eISSN: 16113349

? Volume: 2790

? Pages: 1129-1136

? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Ferretti Edmondo; Margarone Massimiliano

? Quartile:

2025:

? Theoretical Computer Science (Q3, rank 70, percentile 48)

? Computer Science (all) (Q3, rank 129, percentile 46)

? Source Id: 25674

? Author Ids: 55890888700;6701751695;7004620974;7006298764;6506263840

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153

? Corresponding: Bellotti F.

182.

? Title: Evaluation and optimization of method calls in Java  
? Venue: Software Practice and Experience  
? Year: 2004  
? Type: Journal  
? Subtype: Article  
? Citations: 0  
? DOI: 10.1002/spe.570  
? Scopus ID: 2-s2.0-1842765489  
? Issn: 00380644  
? Volume: 34  
? Issue: 4  
? Pages: 395-431  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro  
? Keywords: Compiler optimization | Inlining, dynamic message dispatching | Java | Performance evaluation  
? Quartile:  
2025:  
? Software (Q1, rank 98, percentile 80)  
? Source Id: 20007  
? Author Ids: 55890888700;6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Bellotti F.

183.

? Title: VeGame: Exploring Art and History in Venice  
? Venue: Computer  
? Year: 2003  
? Type: Trade Journal  
? Subtype: Review  
? Citations: 30  
? Doi: 10.1109/Mc.2003.1231194  
? Scopus ID: 2-s2.0-0141494335  
? Issn: 00189162  
? Volume: 36  
? Issue: 9  
? Pages: 48-55  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Ferretti Edmondo; Margarone Massimiliano  
? Quartile:  
2025:  
? Computer Science (all) (Q2, rank 85, percentile 65)  
? Source Id: 23746  
? Author Ids: 55890888700;6701751695;7004620974;7006298764;6506263840  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

184.

? Title: Supporting efficient design of mobile HCI  
? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics  
? Year: 2003  
? Type: Book Series  
? Subtype: Article  
? Citations: 5  
? Doi: 10.1007/978-3-540-45233-1\_18

? Scopus ID: 2-s2.0-33746084225  
? Issn: 03029743  
? eISSN: 16113349  
? Volume: 2795  
? Pages: 241-255  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Margarone Massimiliano  
? Quartile:  
2025:  
? Theoretical Computer Science (Q3, rank 70, percentile 48)  
? Computer Science (all) (Q3, rank 129, percentile 46)  
? Source Id: 25674  
? Author Ids: 55890888700;6701751695;7004620974;6506263840  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

185.  
? Title: MADE: Developing edutainment applications on mobile computers  
? Venue: Computers and Graphics Pergamon  
? Year: 2003  
? Type: Journal  
? Subtype: Article  
? Citations: 18  
? Doi: 10.1016/S0097-8493(03)00105-5  
? Scopus ID: 2-s2.0-0041698199  
? Issn: 00978493  
? Volume: 27  
? Issue: 4  
? Pages: 617-634  
? Authors: Bellotti F.; Berta R.; De Gloria A.; Margarone M.  
? Keywords: Graphical user interfaces (GUI) | Human factors | Hypertext/hypermedia | Languages and systems | Mobile computing | Virtual device interfaces  
? Quartile:  
2025:  
? Engineering (all) (Q1, rank 64, percentile 81)  
? Computer Graphics and Computer-Aided Design (Q1, rank 30, percentile 77)  
? Signal Processing (Q1, rank 45, percentile 77)  
? Computer Vision and Pattern Recognition (Q1, rank 43, percentile 75)  
? Software (Q2, rank 155, percentile 69)  
? Human-Computer Interaction (Q2, rank 77, percentile 59)  
? Source Id: 25028  
? Author Ids: 55890888700;6701751695;7004620974;6506263840  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

186.  
? Title: User testing a hypermedia tour guide  
? Venue: IEEE Distributed Systems Online  
? Year: 2002  
? Type: Journal  
? Subtype: Review  
? Citations: 2  
? Scopus ID: 2-s2.0-9644262287  
? Issn: 15414922  
? Volume: 3  
? Issue: 6

? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Margarone Massimiliano  
? Source Id: 12269  
? Author Ids: 55890888700;6701751695;7004620974;6506263840  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

187.

? Title: User testing a hypermedia tour guide  
? Venue: IEEE Pervasive Computing  
? Year: 2002  
? Type: Journal  
? Subtype: Review  
? Citations: 79  
? Doi: 10.1109/Mperv.2002.1012335  
? Scopus ID: 2-s2.0-28044473977  
? Issn: 15361268  
? Volume: 1  
? Issue: 2  
? Pages: 33-41  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Margarone Massimiliano  
? Quartile:  
2025:  
? Computational Theory and Mathematics (Q2, rank 52, percentile 74)  
? Computer Science Applications (Q2, rank 374, percentile 61)  
? Software (Q2, rank 202, percentile 59)  
? Source Id: 25022  
? Author Ids: 55890888700;6701751695;7004620974;6506263840  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

188.

? Title: Using 3D sound to improve the effectiveness of the advanced driver assistance systems  
? Venue: Personal and Ubiquitous Computing  
? Year: 2002  
? Type: Journal  
? Subtype: Article  
? Citations: 24  
? DOI: 10.1007/s007790200016  
? Scopus ID: 2-s2.0-67650538305  
? Issn: 16174909  
? Volume: 6  
? Issue: 3  
? Pages: 155-163  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Margarone Massimiliano  
? Keywords: 3D sound | Advanced Driver Assistance Systems | Auditory display | Automotive | Human-machine interface | Psychoacoustics  
? Quartile:  
2025:  
? Library and Information Sciences (Q1, rank 25, percentile 91)  
? Hardware and Architecture (Q1, rank 28, percentile 88)  
? Computer Science Applications (Q1, rank 141, percentile 85)  
? Management Science and Operations Research (Q1, rank 34, percentile 84)

? Source Id: 22315  
? Author Ids: 55890888700;6701751695;7004620974;6506263840  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

189.

? Title: JSBricks: A suite of microbenchmarks for the evaluation of Java as a scientific execution environment  
? Venue: Future Generation Computer Systems  
? Year: 2001  
? Type: Journal  
? Subtype: Article  
? Citations: 5  
? Doi: 10.1016/S0167-739x(00)00097-2  
? Scopus ID: 2-s2.0-0035478413  
? Issn: 0167739x  
? Volume: 18  
? Issue: 2  
? Pages: 293-306  
? Authors: Barisone A.; Bellotti F.; Berta R.; De Gloria A.  
? Keywords: Cache analysis | Dynamic compilers | Java benchmarks | Java virtual machine performance  
? Quartile:  
2025:  
? Hardware and Architecture (Q1, rank 5, percentile 98)  
? Computer Networks and Communications (Q1, rank 15, percentile 97)  
? Software (Q1, rank 26, percentile 94)  
? Source Id: 12264  
? Author Ids: 6507287145;55890888700;6701751695;7004620974  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Barisone A.

190.

? Title: DirectJ: Java APIs for optimized 2D graphics  
? Venue: Software Practice and Experience  
? Year: 2001  
? Type: Journal  
? Subtype: Article  
? Citations: 1  
? DOI: 10.1002/spe.365  
? Scopus ID: 2-s2.0-0035280653  
? Issn: 00380644  
? Volume: 31  
? Issue: 3  
? Pages: 259-275  
? Authors: Bellotti Francesco; Berta Riccardo; De Gloria Alessandro; Poggi Andrea  
? Quartile:  
2025:  
? Software (Q1, rank 98, percentile 80)  
? Source Id: 20007  
? Author Ids: 55890888700;6701751695;7004620974;7101947853  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bellotti F.

191.

? Title: Invocation profile characterization of Java applications  
? Venue: 2000 IEEE International Symposium on Performance Analysis of Systems and

Software Ispass 2000

? Year: 2000

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? Doi: 10.1109/Ispass.2000.842290

? Scopus ID: 2-s2.0-84962176482

? Pages: 116-122

? Authors: Barisone A.; Bellotti F.; Berta R.; De Gloria A.

? Source Id: 21100454960

? Author Ids: 6507287145;55890888700;6701751695;7004620974

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Barisone A.