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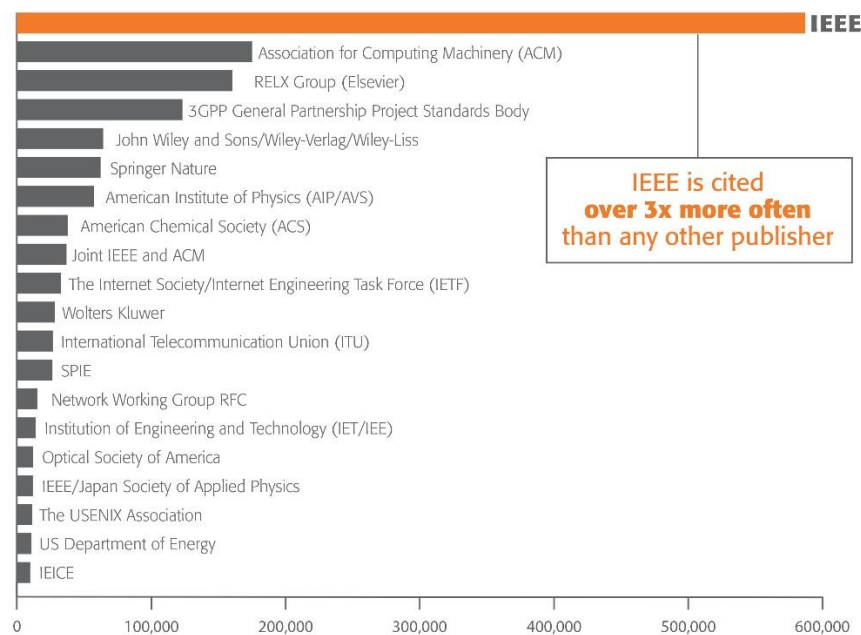
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- 天线
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1910 2022

From To

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☐ Rapid object detection using a boosted cascade of simple features

P. Viola; M. Jones

Proceedings of the 2001 IEEE Computer Society Conference on Computer Vision and Pattern Recognition. CVPR 2001

Year: 2001 | Volume: 1 | Conference Paper | Publisher: IEEE

Cited by: Papers (7746) | Patents (689)

Abstract HTML PDF CC

☐ A Computational Approach to Edge Detection

John Canny

IEEE Transactions on Pattern Analysis and Machine Intelligence

Year: 1986 | Volume: PAMI-8, Issue: 6 | Journal Article | Publisher: IEEE

Cited by: Papers (16645) | Patents (534)

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Patent Citations (689) Patent Links Provided by 1790 Analytics

1. Gur, Yaniv; Moradi, Mehdi; Syeda-Mahmood, Tanveer F.; Wang, Hongzhi, "Assigning a semantically meaningful label to a digital image"

Patent No. 10949714 View at Patent Office Full Text: PDF Google Scholar

2. Kaneda, Yuji; Yamamoto, Takahisa; Sato, Hiroshi, "Information processing apparatus for estimating age and method thereof"

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Author

Affiliation

Publication Title

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Supplemental Items

Conference Location

Standard Status

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☐ IEEE Approved Draft Guide for the Use of Artificial Intelligence Exchange and Service Tie to All Test Environments (AI-ESTATE)

IEEE P1232.3/D3.2, June 2014

Year: 2014 | Standard | Publisher: IEEE

Abstract

☐ IEE Colloquium on 'Software Engineering and AI (Artificial Intelligence)' (Digest No.087)

IEE Colloquium on Software Engineering and AI (Artificial Intelligence) (Digest No.087)

Year: 1992 | Conference Paper | Publisher: IET

Abstract

☐ Towards Enterprise-Ready AI Deployments Minimizing the Risk of Consuming AI Models in Business Applications

Vinod Muthusamy; Aleksander Slominski; Vatche Ishakian

2018 First International Conference on Artificial Intelligence for Industries (AI4I)

Year: 2018 | Conference Paper | Publisher: IEEE

Cited by: Papers (7)

Abstract HTML

☐ Extension of media literacy from the perspective of artificial intelligence and implementation strategies of artificial intelligence courses in junior high schools

HAOYU WANG; YONG LIU; ZIFENG HAN; JIANZHANG WU

2020 International Conference on Artificial Intelligence and Education (ICAIE)

Year: 2020 | Conference Paper | Publisher: IEEE

Abstract HTML

☐ IEEE Draft Standard for Artificial Intelligence Exchange and Service Tie to All Test Environments (AI-ESTATE)

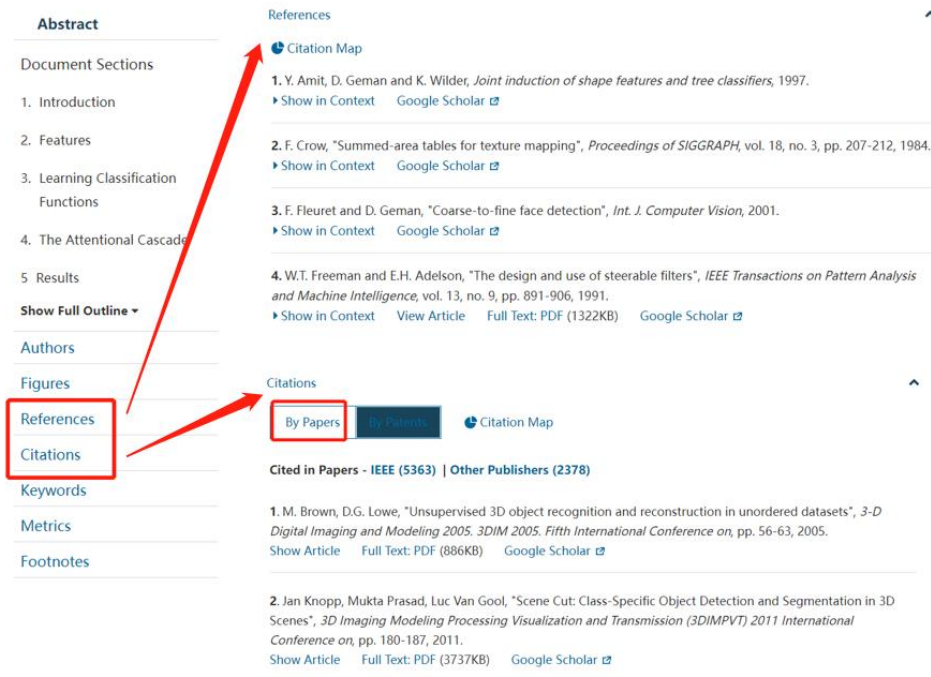
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3. Coarse-to-fine face detection	3. Calibrating an Optical See-Through Rig with Two Non-overlapping Cameras: The Virtual Camera Framework
4. The design and use of steerable filters	4. Constraint Integration for Multiview Pose Estimation of Humans with Self-Occlusions
5. A decision-theoretic generalization of on-line learning and an application to boosting	5. Multi-user glasses free 3D display using an optical array

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**Roberto Cipolla** 

Also published under: R. Cipolla


**Affiliation**  
University of Cambridge

**Publication Topics**  
learning (artificial intelligence), cameras, deep learning (artificial intelligence), image representation, mobile handsets, mobile robots, object detection, robot vision, Bayes methods, SLAM  
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**Biography**  
Roberto Cipolla received the BA degree in engineering from the University of Cambridge, in 1984, the MSE degree in electrical engineering from the University of Pennsylvania, in 1985, and the DPhil degree in computer vision from the University of Oxford, in 1991. From 1991-92 he was a Toshiba fellow and engineer in the Toshiba Corporation Research and Development Centre, Kawasaki, Japan. He joined the Department of Engineering, University of Cambridge, in 1992 as a lecturer and a fellow of Jesus College. He became a reader in information engineering in 1997 and a professor in 2000. He became a fellow of the Royal Academy of Engineering (FREng), in 2010. His research interests include computer vision and robotics. He has authored 3 books, edited 9 volumes and co-authored more than 300 papers. He is a senior member of the IEEE. (Based on document published on 2 January 2017); [Show Less](#)

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**Publications**  
**132**


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**13,438**

**Publications by Year**



**Co-Authors:**  
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☐ Conferences (108) ☐ Journals (24)



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1990 2022  
From To  
1990 2022  
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☐ **Discrete neural representations for explainable anomaly detection**  
Stanislaw Szymanowicz; James Charles; Roberto Cipolla  
2022 IEEE/CVF Winter Conference on Applications of Computer Vision (WACV)  
Year: 2022 | Conference Paper | Publisher: IEEE  
[Abstract](#) [HTML](#)  

☐ **Lifted Semantic Graph Embedding for Omnidirectional Place Recognition**  
Chao Zhang; Ignas Budvytis; Stephan Liwicki; Roberto Cipolla  
2021 International Conference on 3D Vision (3DV)  
Year: 2021 | Conference Paper | Publisher: IEEE  
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☐ A 14nm logic technology featuring 2<sup>nd</sup>-generation FinFET, air-gapped interconnects, self-aligned double patterning and a 0.0588  $\mu\text{m}^2$  SRAM cell size

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☐ A 45nm Logic Technology with High-k+Metal Gate Transistors, Strained Silicon, 9 Cu Interconnect Layers, 193nm Dry Patterning, and 100% Pb-free Packaging

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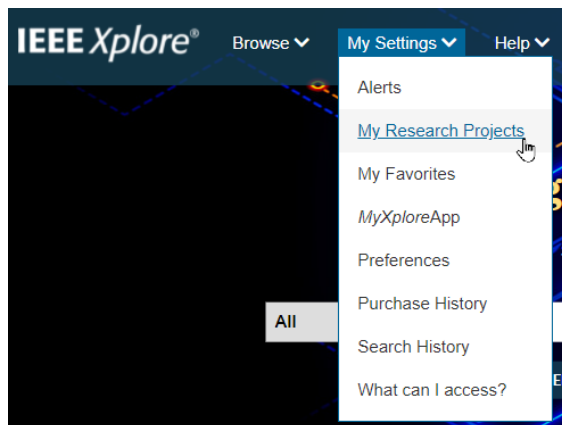
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3 Document(s)

Project Created: Jul 12, 2021

Collection on diffusion weighted imaging.

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☐ conditional random field (3)

☐ Apparent diffusion weighted imaging (1)

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☐ **Apparent Ultra-High b-Value Diffusion-Weighted Image Reconstruction via Hidden Conditional Random Fields**  
Mohammad Javad Shafiee; Shahid A. Haider; Alexander Wong; Dorothy Lui; Andrew Cameron; Ameen Modhafar; Paul Fieguth; Masoom A. Haider

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1 - IEEE Standard General Principles for Temperature Limits in the Rating of Electric Equipment and for the Evaluation of Electrical Insulation

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1B - AIEE Report on Guiding Principles for the Specification of Service Conditions in Electrical Standards



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## 802 - IEEE Standard for Local and Metropolitan Area Networks: Overview and Architecture

Publisher: IEEE

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### Active

#### Approved

802c-2017 - IEEE Standard for Local and Metropolitan Area Networks: Overview and Architecture--  
Amendment 2: Local Medium Access Control (MAC) Address Usage

#### Approved

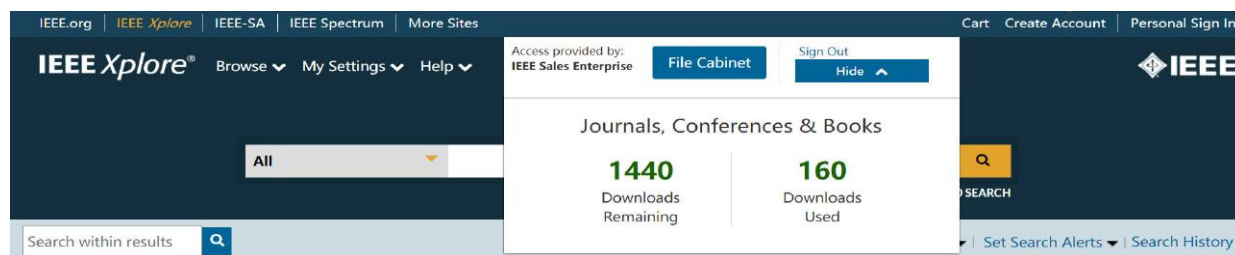
802d-2017 - IEEE Standard for Local and Metropolitan Area Networks: Overview and Architecture  
Amendment 1: Allocation of Uniform Resource Name (URN) Values in IEEE 802(R) Standards

#### Draft

P802d/D1.1 Sept 2016 - IEEE Draft Standard for Local and Metropolitan Area Networks: Overview and Architecture--  
Amendment: Allocation of Uniform Resource Name (URN) values in IEEE 802 standards

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Ning Wang; Choon Ki Ahn  
IEEE/ASME Transactions on Mechatronics  
Year: 2021 | Early Access Article | Publisher: IEEE

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☐ 3DCD: Scene Independent End-to-End Spatiotemporal Feature Learning Framework for Change Detection in Unseen Videos

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Murari Mandal; Vansh Dhar; Abhishek Mishra; Santosh Kumar Vipparthi; Mohamed Abdel-Mottaleb  
IEEE Transactions on Image Processing  
Year: 2021 | Volume: 30 | Journal Article | Publisher: IEEE

[Abstract](#) [\(\(html\)\)](#) (5173 Kb)

☐ Contour-Aware Loss: Boundary-Aware Learning for Salient Object Segmentation

**Downloaded on:** November 24, 2020  
Zixuan Chen; Huajun Zhou; Jianhuang Lai; Lingxiao Yang; Xiaohua Xie

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