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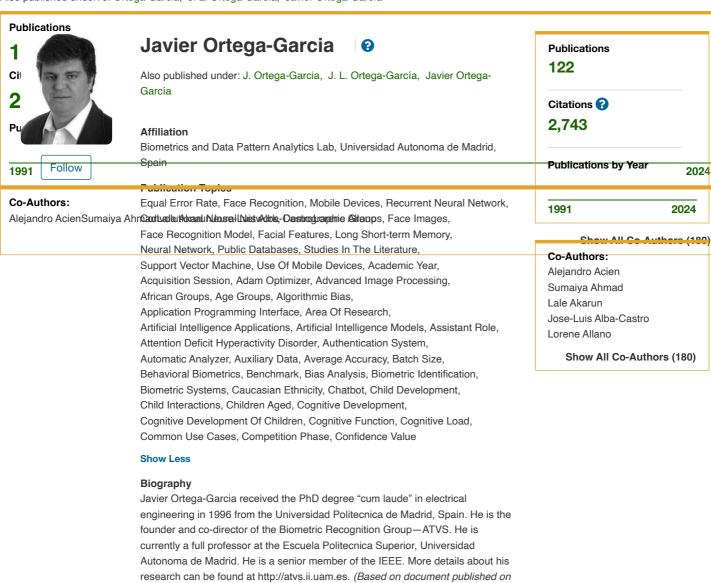All                    ⌄                                                    🔍

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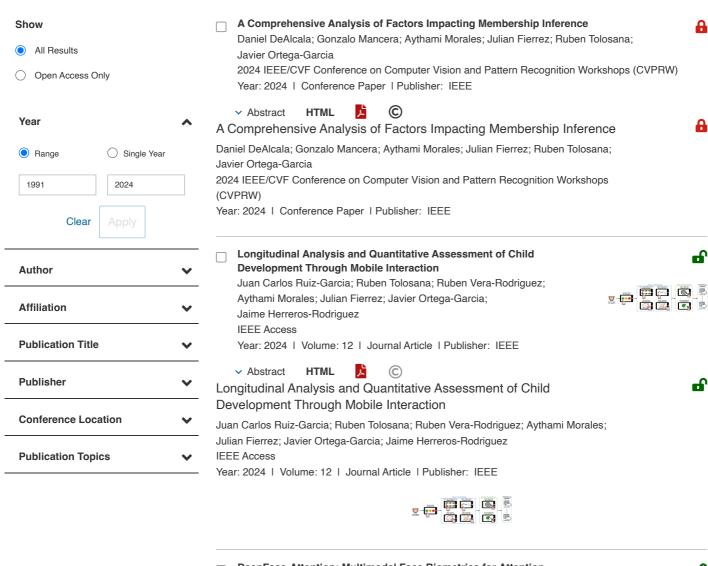Also published under: J. Ortega-Garcia,  J. L. Ortega-García,  Javier Ortega-García

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### Javier Ortega-Garcia   ❓

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**Affiliation**
Biometrics and Data Pattern Analytics Lab, Universidad Autonoma de Madrid, Spain

**Publication Topics**
Equal Error Rate, Face Recognition, Mobile Devices, Recurrent Neural Network, Convolutional Neural Network, Demographic Groups, Face Images, Face Recognition Model, Facial Features, Long Short-term Memory, Neural Network, Public Databases, Studies In The Literature, Support Vector Machine, Use Of Mobile Devices, Academic Year, Acquisition Session, Adam Optimizer, Advanced Image Processing, African Groups, Age Groups, Algorithmic Bias, Application Programming Interface, Area Of Research, Artificial Intelligence Applications, Artificial Intelligence Models, Assistant Role, Attention Deficit Hyperactivity Disorder, Authentication System, Automatic Analyzer, Auxiliary Data, Average Accuracy, Batch Size, Behavioral Biometrics, Benchmark, Bias Analysis, Biometric Identification, Biometric Systems, Caucasian Ethnicity, Chatbot, Child Development, Child Interactions, Children Aged, Cognitive Development, Cognitive Development Of Children, Cognitive Function, Cognitive Load, Common Use Cases, Competition Phase, Confidence Value

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**Biography**

Javier Ortega-Garcia received the PhD degree "cum laude" in electrical engineering in 1996 from the Universidad Politecnica de Madrid, Spain. He is the founder and co-director of the Biometric Recognition Group—ATVS. He is currently a full professor at the Escuela Politecnica Superior, Universidad Autonoma de Madrid. He is a senior member of the IEEE. More details about his research can be found at http://atvs.ii.uam.es. *(Based on document published on 17 April 2009).*

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| **Publications by Year**   **2024** | |
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Daniel DeAlcala; Gonzalo Mancera; Aythami Morales; Julian Fierrez; Ruben Tolosana;
Javier Ortega-Garcia
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Ivan Deandres-Tame; Ruben Tolosana; Ruben Vera-Rodriguez;
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☐ **Keystroke Verification Challenge (KVC): Biometric and Fairness Benchmark Evaluation**

Giuseppe Stragapede; Ruben Vera-Rodriguez; Ruben Tolosana;
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☐ **AI4Food-NutritionFW: A Novel Framework for the Automatic Synthesis and Analysis of Eating Behaviours**

Sergio Romero-Tapiador; Ruben Tolosana; Aythami Morales; Julian Fierrez;
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☐ **IJCB 2022 Mobile Behavioral Biometrics Competition (MobileB2C)**

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☐ **DeepSign: Deep On-Line Signature Verification**

Ruben Tolosana; Ruben Vera-Rodriguez; Julian Fierrez; Javier Ortega-Garcia

IEEE Transactions on Biometrics, Behavior, and Identity Science

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Year: 2021  |  Volume: 3,  Issue: 2  |  Journal Article  |  Publisher:  IEEE

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☐ **BioTouchPass2: Touchscreen Password Biometrics Using Time-Aligned Recurrent Neural Networks**

Ruben Tolosana; Ruben Vera-Rodriguez; Julian Fierrez; Javier Ortega-Garcia

IEEE Transactions on Information Forensics and Security

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**Do You Need More Data? The DeepSignDB On-Line Handwritten Signature Biometric Database**

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**DeepSignCX: Signature Complexity Detection using Recurrent Neural Networks**

Ruben Vera-Rodriguez; Ruben Tolosana; Miguel Caruana; Gustavo Manzano; Carlos Gonzalez-Garcia; Julian Fierrez; Javier Ortega-Garcia

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Characterization of the Handwriting Skills as a Biomarker for Parkinson's Disease

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**Incorporating Touch Biometrics to Mobile One-Time Passwords: Exploration of Digits**
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Year: 2018 | Conference Paper | Publisher: IEEE

**Towards Fingerprint Presentation Attack Detection Based on Convolutional Neural Networks and Short Wave Infrared Imaging**
Ruben Tolosana; Marta Gomez-Barrero; Jascha Kolberg; Aythami Morales; Christoph Busch;
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Ester Gonzalez-Sosa; Ruben Vera-Rodriguez; Julian Fierrez; Javier Ortega-Garcia;
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**Exploring Recurrent Neural Networks for On-Line Handwritten Signature Biometrics**

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**Complexity-Based Biometric Signature Verification**

Ruben Tolosana; Ruben Vera-Rodriguez; Richard Guest; Julian Fierrez; Javier Ortega-Garcia

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**Dealing with occlusions in face recognition by region-based fusion**
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