David Jimenez

List of Publications by Year
in descending order

39 papers	306 citations	1163117 8 h-index	940533 16 g-index
43 all docs	43 docs citations	43 times ranked	407 citing authors

#	Article	IF	Citations
1	An Edge-to-Cloud Virtualized Multimedia Service Platform for 5G Networks. IEEE Transactions on Broadcasting, 2019, 65, 369-380.	3.2	65
2	Using Dynamic Neural Networks for Battery State of Charge Estimation in Electric Vehicles. Procedia Computer Science, 2018, 130, 533-540.	2.0	56
3	Quality of Experience for 3-D Immersive Media Streaming. IEEE Transactions on Broadcasting, 2018, 64, 379-391.	3.2	27
4	Modelling the Effect of Driving Events on Electrical Vehicle Energy Consumption Using Inertial Sensors in Smartphones. Energies, 2018, 11, 412.	3.1	26
5	Robust vehicle detection in different weather conditions: Using MIPM. PLoS ONE, 2018, 13, e0191355.	2.5	19
6	Stereoscopic 3D video quality assessment based on depth maps and video motion. Eurasip Journal on Image and Video Processing, 2013, 2013, .	2.6	15
7	GA-based approach to optimize an equivalent electric circuit model of a Li-ion battery-pack. Expert Systems With Applications, 2021, 172, 114647.	7.6	12
8	On the influence of low-level visual features in film classification. PLoS ONE, 2019, 14, e0211406.	2.5	11
9	Programmable Edge-to-Cloud Virtualization for 5G Media Industry: The 5G-MEDIA Approach. IFIP Advances in Information and Communication Technology, 2020, , 95-104.	0.7	8
10	Shared Self-Consumption Economic Analysis for a Residential Energy Community. , 2019, , .		7
11	System architecture for enriched semantic personalized media search and retrieval in the future media internet. , 2011, 49, 144-151.		5
12	Innovations through 5G-Crosshaul applications. , 2016, , .		5
13	Efficient personalized scalable video adaptation decision-taking engine based on MPEG-21. IEEE Transactions on Consumer Electronics, 2011, 57, 763-770.	3.6	4
14	Benchmark of state of the art objective measures for 3D stereoscopic video quality assessment on the Nantes database. , 2014, , .		4
15	Prediction and Modeling for No-Reference Video Quality Assessment Based on Machine Learning. , 2018, , .		4
16	A Service Platform Architecture Enabling Programmable Edge-To-Cloud Virtualization for the 5G Media Industry. , 2018, , .		4
17	A System Architecture for Live Immersive 3D-Media Transcoding Over 5G Networks. , 2018, , .		4
18	An FPGA Based Tracking Implementation for Parkinsonâ€™s Patients. Sensors, 2020, 20, 3189.	3.8	4

#	Article	IF	Citations
19	Efficient personalized scalable video adaptation decision-taking engine based on MPEG-21. , 2011, , .		2
20	Design, Implementation, and Validation of a Multi-Site Gaming Streaming Service Over a 5G-Enabled Platform. IEEE Transactions on Broadcasting, 2022, 68, 464-474.	3.2	2
21	Real-time 3-D HDTV depth cue conflict optimization. , 2011, , .		1
22	Insertion of Impairments in Test Video Sequences for Quality Assessment Based on Psychovisual Characteristics. , 2014, , .		1
23	Subjective quality assessment in stereoscopic video based on analyzing parallax and disparity. , 2015, , .		1
24	Proposal for characterization of 3DTV video sequences describing parallax information. , 2015, , .		1
25	Evaluating the effect of MIPM on vehicle detection performance. Transportation Letters, 2020, 12, 257-273.	3.1	1
26	Experimental Determination of the Energetic Performance of a Racing Motorcycle Battery-Pack. Processes, 2020, 8, 1391.	2.8	1
27	Architectures for Future Media Internet. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 105-112.	0.3	1
28	A novel FPGA-based test-bench framework for SDI stream verification. Eurasip Journal on Image and Video Processing, 2020, 2020, .	2.6	1
29	Tiling effect in quality assessment for high definition digital television. , 2008, , .		0
30	Media campus: A new interactive video experience for end users. , 2008, , .		0
31	Definition of masks related to psychovisual features for Video Quality Assessment. , 2015, , .		0
32	Design of a platform for assessing multimedia advertising content consumption with mobile devices validation. , 2015, , .		0
33	Multimedia Source Management for Remote and Local Edition Environments. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 58-66.	0.3	0
34	Peer-to-peer energy market between electric vehicles. , 2019, , 175-205.		0
35	Electric vehicles as distributed energy storage for local energy management. , 2019, , 237-263.		0
36	Electric vehicles for renewable energy integration in isolated power systems. , 2019, , 285-315.		0

#	Article	IF	Citations
37	Advanced mobility communication. , 2019, , 1-35.		0
38	Hybrid Modeling Procedure of Li-Ion Battery Modules for Reproducing Wide Frequency Applications in Electric Systems. , 0, , .		0
39	Correction to: A novel FPGA-based test-bench framework for SDI stream verification. Eurasip Journal on Image and Video Processing, 2020, 2020, .	2.6	0