Alexis Quesada-Arencibia

List of Publications by Year
in descending order

61 papers	**257** citations	1305906 **8** h-index	1181555 **14** g-index
67 all docs	**67** docs citations	**67** times ranked	**336** citing authors

#	Article	IF	Citations
1	Development of an Artificial Neural Network for the Detection of Supporting Hindlimb Lameness: A Pilot Study in Working Dogs. Animals, 2022, 12, 1755.	1.0	1
2	A Very High-Speed Validation Scheme Based on Template Matching for Segmented Character Expiration Codes on Beverage Cans. Sensors, 2020, 20, 3157.	2.1	1
3	Bluetooth Low Energy Technology Applied to Indoor Positioning Systems: An Overview. Lecture Notes in Computer Science, 2020, , 83-90.	1.0	2
4	A Job-Seeking Advisor Bot Based in Data Mining. Lecture Notes in Computer Science, 2020, , 75-82.	1.0	0
5	Beacon-Related Param of Bluetooth Low Energy: Development of a Semi-Automatic System to Study Their Impact on Indoor Positioning Systems. Sensors, 2019, 19, 3087.	2.1	13
6	Bus Travel Time Prediction Model Based on Profile Similarity. Sensors, 2019, 19, 2869.	2.1	20
7	Data Framework for Road-Based Mass Transit Systems Data Mining Project. Proceedings (mdpi), 2019, 31, 25.	0.2	0
8	A Study on the Behavior of Clustering Techniques for Modeling Travel Time in Road-Based Mass Transit Systems. Proceedings (mdpi), 2019, 31, .	0.2	1
9	An eHealth information technology platform to help the treatment of mental disorders. Health Informatics Journal, 2018, 24, 337-355.	1.1	5
10	Impact of Beacon-Dependent Parameters on Bluetooth Low Energy Indoor Positioning Accuracy. Proceedings (mdpi), 2018, 2, .	0.2	1
11	Using Data Mining to Analyze Dwell Time and Nonstop Running Time in Road-Based Mass Transit Systems. Proceedings (mdpi), 2018, 2, .	0.2	1
12	A Protocol-Channel-Based Indoor Positioning Performance Study for Bluetooth Low Energy. IEEE Access, 2018, 6, 33440-33450.	2.6	33
13	Systematic Approach to Analyze Travel Time in Road-Based Mass Transit Systems Based on Data Mining. IEEE Access, 2018, 6, 32861-32873.	2.6	3
14	Applying Time-Dependent Attributes to Represent Demand in Road Mass Transit Systems. Entropy, 2018, 20, 133.	1.1	2
15	Automatic Inventory of Multi-part Kits Using Computer Vision. Lecture Notes in Computer Science, 2018, , 142-149.	1.0	0
16	Ciberlandia: An Educational Robotics Program to Promote STEM Careers in Primary and Secondary Schools. Advances in Intelligent Systems and Computing, 2017, , 440-454.	0.5	4
17	Methodology for Analyzing the Travel Time Variability in Public Road Transport. Lecture Notes in Computer Science, 2017, , 44-49.	1.0	0
18	Study of Dynamic Factors in Indoor Positioning for Harsh Environments. Lecture Notes in Computer Science, 2017, , 67-78.	1.0	0

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19	System Proposal for Mass Transit Service Quality Control Based on GPS Data. Sensors, 2017, 17, 1412.	2.1	4
20	Study on an Indoor Positioning System for Harsh Environments Based on Wi-Fi and Bluetooth Low Energy. Sensors, 2017, 17, 1299.	2.1	43
21	Analysis of Distance and Similarity Metrics in Indoor Positioning Based on Bluetooth Low Energy. Lecture Notes in Computer Science, 2017, , 213-224.	1.0	1
22	System Model for a Continuous Improvement of Road Mass Transit. Lecture Notes in Computer Science, 2017, , 207-212.	1.0	0
23	An Intelligent Parking Management System for Urban Areas. Sensors, 2016, 16, 931.	2.1	28
24	A Character Segmentation Proposal for High-Speed Visual Monitoring of Expiration Codes on Beverage Cans. Sensors, 2016, 16, 527.	2.1	2
25	Systematic Development of Intelligent Systems for Public Road Transport. Sensors, 2016, 16, 1104.	2.1	12
26	Arrival Time Estimation System Based on Massive Positioning Data of Public Transport Vehicles. Lecture Notes in Computer Science, 2016, , 395-406.	1.0	1
27	Ubiquitous Signaling System for Public Road Transport Network. Lecture Notes in Computer Science, 2016, , 445-457.	1.0	1
28	An Intelligent System Proposal for Improving the Safety and Accessibility of Public Transit by Highway. Sensors, 2015, 15, 20279-20304.	2.1	5
29	GUIATE, A System for Urban Parking Areas Management. , 2015, , .		0
30	Intelligent Management of Parking Lots in Urban Contexts. Lecture Notes in Computer Science, 2015, , 499-504.	1.0	1
31	ITS Architecture for Provision of Advanced Information Services for Public Transport by Road. Lecture Notes in Computer Science, 2015, , 216-224.	1.0	0
32	Web Application for Doctor-Patient Communication in the Treatment of Mental Disorders. Lecture Notes in Computer Science, 2015, , 270-278.	1.0	0
33	Surveillance System for Isolated Public Road Transport Infrastructures. Lecture Notes in Computer Science, 2015, , 207-215.	1.0	0
34	Using Massive Vehicle Positioning Data to Improve Control and Planning of Public Road Transport. Sensors, 2014, 14, 7342-7358.	2.1	6
35	Improving underwater video navigation systems using Georeferencing and Super-Resolution techniques. , 2014, , .		1
36	A Social Robot in a Tourist Environment. Lecture Notes in Computer Science, 2014, , 21-24.	1.0	11

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37	Using Ambient Intelligence to Improve Public Transport Accessibility. Lecture Notes in Computer Science, 2014, , 17-20.	1.0	0
38	IoT Application in the Supply Chain Logistics. Lecture Notes in Computer Science, 2013, , 55-62.	1.0	8
39	Pervasive System for the Local Tow-Truck Service. Lecture Notes in Computer Science, 2013, , 350-357.	1.0	0
40	Building a Tourist Assistant with a Nao Aldebaran. Lecture Notes in Computer Science, 2013, , 326-332.	1.0	1
41	Training Bioloid Robots for Playing Football. Lecture Notes in Computer Science, 2013, , 333-340.	1.0	2
42	Applying Ambient Intelligence to Improve Public Road Transport. Lecture Notes in Computer Science, 2013, , 326-333.	1.0	0
43	Architecture of a Framework for Providing Information Services for Public Transport. Sensors, 2012, 12, 5290-5309.	2.1	5
44	Provision of Ubiquitous Tourist Information in Public Transport Networks. Sensors, 2012, 12, 11451-11476.	2.1	4
45	Using a virtual and hosted lab for information systems technologies. , 2012, , .		1
46	On Route Travel Assistant for Public Transport Based on Android Technology. , 2012, , .		10
47	Pervasive multimedia guidance system for special needs passengers on public transport. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	2
48	Real Time Vehicle Recognition: A Novel Method for Road Detection. Lecture Notes in Computer Science, 2012, , 359-364.	1.0	0
49	Teaching Information Systems Technologies: a New Approach based on Virtualization and Hosting Technologies. International Journal of Online and Biomedical Engineering, 2012, 8, 32.	0.9	1
50	Web Applications: A Proposal to Improve Response Time and Its Application to MOODLE. Lecture Notes in Computer Science, 2009, , 218-225.	1.0	2
51	A General Purpose Control System. Lecture Notes in Computer Science, 2009, , 106-112.	1.0	0
52	A GENERAL SYSTEM FOR MONITORING AND CONTROLLING VIA INTERNET. , 2008, , .		1
53	A Simulation Study of New Security Schemes in Mobile Ad-Hoc NETworks. , 2007, , 73-81.		5
54	On the Evolution of Formal Models and Artificial Neural Architectures for Visual Motion Detection. Lecture Notes in Computer Science, 2005, , 479-488.	1.0	0

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55	Application of Multichannel Vision Concepts and Mechanisms in an Artificial Industrial Vision System. Lecture Notes in Computer Science, 2005, , 492-500.	1.0	0
56	A Two-Channel Artificial Vision System for Motion Analysis. Systems Analysis Modelling Simulation, 2003, 43, 1271-1279.	0.1	0
57	On Parallel Channel Modeling of Retinal Processes. Lecture Notes in Computer Science, 2003, , 471-481.	1.0	3
58	Biologically Based CAST-mechanism for Visual Motion Analysis. Lecture Notes in Computer Science, 2001, , 316-327.	1.0	3
59	Systems Approach to Attention Mechanisms in the Visual Pathway. Lecture Notes in Computer Science, 2000, , 497-505.	1.0	1
60	Newton Filters: a New Class of Neuron-Like Discrete Filters and an Application to Image Processing. , 1999, , 28-34.		0
61	An Open Modular System for Monitoring Remote Sensors. , 0, , 82-89.		0