

Ernesto Sifuentes

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

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1307594

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docs citations

18
times ranked

417
citing authors

#	ARTICLE	IF	CITATIONS
1	A Weighted and Distributed Algorithm for Range-Based Multi-Hop Localization Using a Newton Method. <i>Sensors</i> , 2021, 21, 2324.	3.8	1
2	A Power-Efficient Sensing Approach for Pulse Wave Palpation-Based Heart Rate Measurement. <i>Sensors</i> , 2021, 21, 7549.	3.8	4
3	Energy Harvesting from Fingers Motions Using a Wearable System: An Experimental Analysis. <i>IFMBE Proceedings</i> , 2020, , 866-873.	0.3	0
4	A weighted and distributed algorithm for multi-hop localization. <i>International Journal of Distributed Sensor Networks</i> , 2019, 15, 155014771986041.	2.2	4
5	Seat Occupancy Detection Based on a Low-Power Microcontroller and a Single FSR. <i>Sensors</i> , 2019, 19, 699.	3.8	14
6	Modeling the control of the central nervous system over the cardiovascular system using support vector machines. <i>Computers in Biology and Medicine</i> , 2018, 93, 75-83.	7.0	3
7	Microcontroller-Based Seat Occupancy Detection and Classification. <i>Proceedings (mdpi)</i> , 2018, 2, 1040.	0.2	3
8	Measuring Dynamic Signals with Direct Sensor-to-Microcontroller Interfaces Applied to a Magnetoresistive Sensor. <i>Sensors</i> , 2017, 17, 1150.	3.8	14
9	Sistema Embebido para Validar el Funcionamiento de la Tarjeta de Adquisición de Datos USB-6009 de National Instruments. <i>Informacion Tecnologica (discontinued)</i> , 2016, 27, 191-200.	0.3	0
10	A distributed adaptive local searching algorithm for wireless sensor network localization. <i>International Journal of Distributed Sensor Networks</i> , 2016, 12, 155014771666962.	2.2	0
11	High Signal-to-Noise Ratio Phonocardiogram using a Shielded PVDF Film Sensor. <i>IEEE Latin America Transactions</i> , 2016, 14, 1139-1145.	1.6	5
12	A Recursive Shortest Path Routing Algorithm With Application for Wireless Sensor Network Localization. <i>IEEE Sensors Journal</i> , 2016, 16, 4631-4637.	4.7	43
13	Uso de Minería de Datos en el manejo de Información Geográfica. <i>Informacion Tecnologica (discontinued)</i> , 2014, 25, 95-102.	0.3	1
14	A Distributed Localization Algorithm for Wireless Sensor Networks Based on the Solutions of Spatially-Constrained Local Problems. <i>IEEE Sensors Journal</i> , 2013, 13, 2181-2191.	4.7	34
15	A Low-Complexity Geometric Bilateralization Method for Localization in Wireless Sensor Networks and Its Comparison with Least-Squares Methods. <i>Sensors</i> , 2012, 12, 839-862.	3.8	33
16	Wireless Magnetic Sensor Node for Vehicle Detection With Optical Wake-Up. <i>IEEE Sensors Journal</i> , 2011, 11, 1669-1676.	4.7	132
17	Improving the performance of direct interface circuits using the Vernier technique. , 2009, , .		3
18	Direct interface circuit to linearise resistive sensor bridges. <i>Sensors and Actuators A: Physical</i> , 2008, 147, 210-215.	4.1	48