Sotirios Kontogiannis

List of Publications by Year
in descending order

63 papers	**297** citations	1162367 **8** h-index	1281420 **11** g-index
63 all docs	**63** docs citations	**63** times ranked	**205** citing authors

#	Article	IF	Citations
1	Driving Speed Estimation and Trapped Drivers' Detection inside Tunnels Using Distributed MIMO Bluetooth Devices. Electronics (Switzerland), 2022, 11, 265.	1.8	0
2	Performance Evaluation of Distributed Database Strategies Using Docker as a Service for Industrial IoT Data: Application to Industry 4.0. Information (Switzerland), 2022, 13, 190.	1.7	7
3	Development of a Proactive Tool for Dangerous Goods Management in Tunnels. , 2021, , .		1
4	Proposed Management System and Response Estimation Algorithm for Motorway Incidents. Energies, 2021, 14, 2736.	1.6	4
5	A Quality and disease control system for beekeeping. , 2021, , .		4
6	Proposed Smart Monitoring System for the Detection of Bee Swarming. Inventions, 2021, 6, 87.	1.3	11
7	Proposed Distributed System Architecture and Preliminary Measurements for the Detection of Trapped Individuals Inside Motorway Tunnels. , 2021, , .		0
8	A Proposed Low-Cost Viticulture Stress Framework for Table Grape Varieties. IoT, 2020, 1, 337-359.	2.3	3
9	BLE Sniffing for Crowd Sensing and Directionality Scanning of Mobile Devices Inside Tunnels. , 2020, , .		6
10	Haptic Applications for People with Limited Motor Skills. , 2020, , .		1
11	Preliminary results of a proposed CNN framework for use in motorway applicable detection systems. , 2020, , .		3
12	Proposed S-Algo+â€‰data mining algorithm for web platforms course content and usage evaluation. Soft Computing, 2020, 24, 14861-14883.	2.1	10
13	Proposed Fuzzy Real-Time HaPticS Protocol Carrying Haptic Data and Multisensory Streams. International Journal of Computers, Communications and Control, 2020, 15, .	1.2	4
14	Cultural IoT Framework Focusing on Interactive and Personalized Museum Sightseeing. Internet of Things, 2020, , 151-181.	1.3	2
15	A longitudinal analysis of internet use. The case of Greece. International Journal of Society Systems Science, 2020, 12, 198.	0.1	1
16	Performance evaluation on encrypted - non encrypted database fields containing IoT data. , 2019, , .		1
17	MicroLET: A New SDNoC-Based Communication Protocol for ChipLET-Based Systems. , 2019, , .		3
18	An Internet of Things-Based Low-Power Integrated Beekeeping Safety and Conditions Monitoring System. Inventions, 2019, 4, 52.	1.3	18

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19	Proposed OLEA Management System with Farming Monitoring Processes for Virgin Olive Oil Production Traceability and Assessment. Springer Earth System Sciences, 2019, , 325-353.	0.1	0
20	Factors of Usage Evaluation for a Tax Information System. International Journal of Information Systems in the Service Sector, 2019, 11, 1-18.	0.2	6
21	Assessing the Usage of Ubiquitous Learning. Communications in Computer and Information Science, 2019, , 595-607.	0.4	1
22	Measurements on encrypted and non-encrypted IoT datasets stored in relational and JSONB fields. , 2019, , .		0
23	A Web e-voting system with a data analysis component. Journal of Systems and Information Technology, 2018, 20, 33-53.	0.8	2
24	Interconnecting Haptic Interfaces with High Update Rates through the Internet. Applied System Innovation, 2018, 1, 51.	2.7	2
25	Proposed open source framework for interactive IoT smart museums. , 2018, , .		2
26	Performance evaluation on IoT devices secure data delivery processes. , 2018, , .		2
27	Proposed High Level Architecture of a Smart Interconnected Interactive Classroom. , 2018, , .		7
28	Middleware IoT protocols performance evaluation for carrying out clustered data. , 2018, , .		5
29	Critical usage factors of ICT in higher education. Case study on Eastern Macedonia and Thrace Institute of Technology. , 2018, , .		0
30	Database Systems Performance Evaluation for IoT Applications. International Journal of Database Management Systems, 2018, 10, 01-14.	0.2	8
31	Evaluating existing wireless technologies for IoT data transferring. , 2017, , .		6
32	Proposed open source architecture for Long Range monitoring. The case study of cattle tracking at Pogoniani. , 2017, , .		12
33	FITRA. , 2017, , .		3
34	Knowledge management for business intelligence measurement in an e-business system. International Journal of Electronic Business, 2017, 13, 323.	0.2	2
35	Proposed Fuzzy-NN Algorithm with LoRaCommunication Protocol for Clustered Irrigation Systems. Future Internet, 2017, 9, 78.	2.4	13
36	Blended Learning Evaluation In Higher Education Courses. KnE Social Sciences, 2017, 1, 385.	0.1	3

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37	Mapping and Identifying Features of e-Learning Technology through Indexes and Metrics. , 2017, , .		3
38	A Smart IoT Fuzzy Irrigation System. IOSR Journal of Engineering, 2017, 07, 15-21.	0.1	11
39	Knowledge management for business intelligence measurement in an e-business system. International Journal of Electronic Business, 2017, 13, 323.	0.2	1
40	Design and implementation of an identification productivity recording and breeding system for the sheep industry. International Journal of Sustainable Agricultural Management and Informatics, 2016, 2, 110.	0.1	1
41	RF low energy monitoring protocol and system architecture for location based sensor measurements. , 2016, , .		2
42	A framework for the evaluation of multilayer web based learning. , 2016, , .		2
43	IoT Architecture for Monitoring Wine Fermentation Process of Debina Variety Semi-Sparkling Wine. , 2016, , .		6
44	Critical Success Factors for the of Acceptance and Use of an LMS - The Case of e-CLASS. , 2016, , .		0
45	An adaptive prototype system for ubiquitous learning in agriculture. International Journal of Sustainable Agricultural Management and Informatics, 2015, 1, 317.	0.1	1
46	Proposed cloud infrastructure of wearable and ubiquitous medical services. , 2015, , .		6
47	Course opinion mining methodology for knowledge discovery, based on web social media. , 2014, , .		0
48	A Proposed Methodology for E-Business Intelligence Measurement Using Data Mining Techniques. , 2014, , .		3
49	ALBL: an adaptive load balancing algorithm for distributed web systems. International Journal of Communication Networks and Distributed Systems, 2014, 13, 144.	0.3	8
50	E-Learning Activity Analysis. Procedia Economics and Finance, 2014, 9, 511-518.	0.6	11
51	A novel microclimate forecasting system architecture integrating GPS measurements and meteorological-sensor data. , 2013, , .		7
52	Courseware usage archetyping. , 2013, , .		4
53	An approach for LMS assessment. International Journal of Technology Enhanced Learning, 2012, 4, 265.	0.4	10
54	Measuring and Mining LMS Data. , 2012, , .		4

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55	An Applicable Method for Evaluation of Web-Learning Platforms Content Quality and Usage. , 2012, , .		1
56	A Combined Algorithm for LMS Usage Assessment. , 2011, , .		6
57	Two Algorithms for Web Applications Assessment. International Journal of Emerging Technologies in Learning, 2011, 6, 57.	0.8	3
58	Homogeneity and Enrichment: Two Metrics for Web Applications Assessment. , 2010, , .		13
59	Course Ranking and Automated Suggestions through Web Mining. , 2010, , .		12
60	Proposed architecture and algorithm for academic personnel evaluation and decision support making. , 2008, , .		0
61	Database Systems Performance Evaluation for IoT Applications. SSRN Electronic Journal, 0, , .	0.4	7
62	E-Learning Platform Usage Analysis. Interdisciplinary Journal of E-Skills and Lifelong Learning, 0, 7, 185-204.	0.0	22
63	RF-Tania protocol and system architecture for location based sensor measurements. , 0, , .		0