

JosÃ© A. Alvarez-Bermejo

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

479
citations

840728

11
h-index

713444

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52
all docs

52
docs citations

52
times ranked

713
citing authors

#	ARTICLE	IF	CITATIONS
1	Worldwide Research on Energy Efficiency and Sustainability in Public Buildings. Sustainability, 2017, 9, 1294.	3.2	87
2	Microfluidic paper-based device for colorimetric determination of glucose based on a metal-organic framework acting as peroxidase mimetic. Mikrochimica Acta, 2018, 185, 47.	5.0	77
3	DNA Sequencing Sensors: An Overview. Sensors, 2017, 17, 588.	3.8	53
4	Tetrazine-based chemistry for nitrite determination in a paper microfluidic device. Talanta, 2016, 160, 721-728.	5.5	40
5	A clustering-based method for single-channel fetal heart rate monitoring. PLoS ONE, 2018, 13, e0199308.	2.5	30
6	Blockchain from the Perspective of Privacy and Anonymisation: A Systematic Literature Review. Sensors, 2020, 20, 7171.	3.8	24
7	Unified Compact ECC-AES Co-Processor with Group-Key Support for IoT Devices in Wireless Sensor Networks. Sensors, 2018, 18, 251.	3.8	20
8	Elliptic Curve Cryptography hardware accelerator for high-performance secure servers. Journal of Supercomputing, 2019, 75, 1107-1122.	3.6	15
9	Measuring data-centre workflows complexity through process mining: the Google cluster case. Journal of Supercomputing, 2020, 76, 2449-2478.	3.6	15
10	System to Detect Racial-Based Bullying through Gamification. Frontiers in Psychology, 2016, 7, 1791.	2.1	14
11	Blockchain-based federation of wireless sensor nodes. Journal of Supercomputing, 2021, 77, 7879-7891.	3.6	14
12	Violencia Escolar y Rendimiento AcadÁmico (VERA): aplicaci3n de realidad aumentada. European Journal of Investigation in Health, Psychology and Education, 2015, 1, 71.	1.9	13
13	Distributed key agreement for group communications based on elliptic curves. An application to sensor networks.. Mathematical Methods in the Applied Sciences, 2016, 39, 4797-4809.	2.3	9
14	Distributed Key Management to Secure IoT Wireless Sensor Networks in Smart-Agro. Sensors, 2020, 20, 2242.	3.8	9
15	Development of automatic counting system for urediospores of wheat stripe rust based on image processing. International Journal of Agricultural and Biological Engineering, 2017, 10, 134-143.	0.6	8
16	Efficient image-based analysis of fruit surfaces using CCD cameras and smartphones. Journal of Supercomputing, 2019, 75, 1026-1037.	3.6	5
17	Efficient Implementation on Low-Cost SoC-FPGAs of TLSv1.2 Protocol with ECC_AES Support for Secure IoT Coordinators. Electronics (Switzerland), 2019, 8, 1238.	3.1	4
18	Social Networks in the Higher Education Framework- Understanding the University as an Organization. , 2012, , 805-824.		4

#	ARTICLE	IF	CITATIONS
19	Dracon: An Open-Hardware Based Platform for Single-Chip Low-Cost Reconfigurable IoT Devices. Electronics (Switzerland), 2022, 11, 2080.	3.1	4
20	From structured to object oriented programming in parallel algorithms for 3D image reconstruction. , 2009, , .		3
21	Mining generalized temporal patterns based on fuzzy counting. Expert Systems With Applications, 2013, 40, 1296-1304.	7.6	3
22	Image processing methods to evaluate tomato and zucchini damage in post-harvest stages. International Journal of Agricultural and Biological Engineering, 2017, 10, 126-133.	0.6	3
23	Adaptive load balancing between static and dynamic layers in J2EE applications. , 2011, , .		2
24	Integrated architecture to track and organize tasks in corporations and institutions. , 2011, , .		2
25	Hardware implementation of a new ECC key distribution protocol for securing Wireless Sensor Networks. , 2015, , .		2
26	A blind signature-based protocol for tracing traitors. International Journal of Computer Mathematics, 2015, 92, 1764-1774.	1.8	2
27	Instructional Changes Adopted for an Engineering Course: Cluster Analysis on Academic Failure. Frontiers in Psychology, 2016, 7, 1774.	2.1	2
28	Data curation in the Internet of Things: A decision model approach. Computational and Mathematical Methods, 2021, 3, e1191.	0.8	2
29	Scholar Violence and Academic Achievement (VERA): Augmented Reality Application. European Journal of Investigation in Health, Psychology and Education, 2011, 1, 71-84.	1.9	2
30	An innovative technology proposal for the improving in the communication, social reputation and service quality: a case applied to the hospitality sector. Profesional De La Informacion, 2016, 25, 960.	2.7	2
31	A scalable server for key distribution and its application to accounting. Journal of Supercomputing, 2013, 64, 132-143.	3.6	1
32	Managing key multicasting through orthogonal systems. Journal of Discrete Mathematical Sciences and Cryptography, 2017, 20, 1721-1740.	0.8	1
33	La estrategia de concentraci3n de las cooperativas de cr3dito espa±olas : análisis de los sistemas institucionales de protecci3n.. Revista Finanzas Y Politica Economica, 2013, 5, 23-36.	0.4	1
34	Scholar Violence and Academic Achievement (VERA): Augmented Reality Application. European Journal of Investigation in Health, Psychology and Education, 2011, 1, 71-84.	1.9	1
35	Hardware Secure Access to Servers and Applications. , 0, , 327-345.		1
36	Hierarchical approaches for multicast based on Euclid's algorithm. Journal of Supercomputing, 2013, 65, 1164-1178.	3.6	0

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37	A decentralized protocol for mobile control access. Journal of Supercomputing, 2014, 70, 709-720.	3.6	0
38	A parallel algorithm for secure multicast. Journal of Supercomputing, 2015, 71, 1803-1816.	3.6	0
39	Blind signatures using light variations in CCD sensors as a pattern to avoid identity forging. Mathematical Methods in the Applied Sciences, 2018, 41, 2319-2327.	2.3	0
40	Curso de Especialización en Ciberseguridad, ¿están preparados nuestros docentes?. Colección Jornadas Y Congresos, 0, , .	0.0	0
41	Tomographic Image Reconstruction Using Abstractions. Lecture Notes in Computer Science, 2009, , 334-341.	1.3	0
42	A Web Based Information System for Managing and Improving Care Services in Day Centres. Lecture Notes in Computer Science, 2009, , 710-717.	1.3	0
43	High Level Abstractions for Improving Parallel Image Reconstruction Algorithms. Lecture Notes in Computer Science, 2009, , 50-57.	1.3	0
44	Tracking Traitors in Web Services via Blind Signatures. Advances in Intelligent Systems and Computing, 2013, , 87-96.	0.6	0
45	Application architecture to efficiently manage formal and informal m-learning. A case study to motivate computer engineering students. DYNA (Colombia), 2015, 82, 113-120.	0.4	0
46	COST-EFFECTIVE TEACHING IN THE NANOTECHNOLOGY: MULTIPLE-LANGUAGES APPLIED TO VIRTUAL LESSONS AT THE NANOSCALE. , 2017, , .		0
47	USING LEARNING OBJECTS TO CREATE SEMANTICALLY ENRICHED CONTENT TO SHARE KNOWLEDGE AND CREATE COMMUNITIES IN E-LEARNING SYSTEMS. , 2017, , .		0
48	PROJECT-BASED LEARNING IN FPGA. , 2017, , .		0
49	SIGN-LANGUAGE INCORPORATION TO NANOTECHNOLOGY VIRTUAL LABORATORIES. , 2017, , .		0