

Alexandros C Dimopoulos

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

411
citations

933447

10
h-index

888059

17
g-index

28
all docs

28
docs citations

28
times ranked

783
citing authors

#	ARTICLE	IF	CITATIONS
1	DOME: recommendations for supervised machine learning validation in biology. <i>Nature Methods</i> , 2021, 18, 1122-1127.	19.0	105
2	Combining Multiple RNA-Seq Data Analysis Algorithms Using Machine Learning Improves Differential Isoform Expression Analysis. <i>Methods and Protocols</i> , 2021, 4, 68.	2.0	4
3	A Genetic Risk Score for the Estimation of Weight Loss After Bariatric Surgery. <i>Obesity Surgery</i> , 2020, 30, 1482-1490.	2.1	9
4	Logic Design Using Modules and Nonlinear Integer Programming. <i>Journal of Circuits, Systems and Computers</i> , 2020, 29, 2050164.	1.5	1
5	Ten simple rules for making training materials FAIR. <i>PLoS Computational Biology</i> , 2020, 16, e1007854.	3.2	24
6	Exome Sequencing in BRCA1- and BRCA2-Negative Greek Families Identifies MDM1 and NBEAL1 as Candidate Risk Genes for Hereditary Breast Cancer. <i>Frontiers in Genetics</i> , 2019, 10, 1005.	2.3	15
7	A system of systems architecture for the internet of things exploiting autonomous components. <i>International Journal of System of Systems Engineering</i> , 2019, 9, 167.	0.5	4
8	Transmission linesâ€™ fault detection using syntactic pattern recognition. <i>Energy Systems</i> , 2019, 10, 299-320.	3.0	24
9	Sociodemographic Indicators of Health Status Using a Machine Learning Approach and Data from the English Longitudinal Study of Aging (ELSA). <i>Medical Science Monitor</i> , 2019, 25, 1994-2001.	1.1	22
10	A system of systems architecture for the internet of things exploiting autonomous components. <i>International Journal of System of Systems Engineering</i> , 2019, 9, 167.	0.5	0
11	Machine learning methodologies versus cardiovascular risk scores, in predicting disease risk. <i>BMC Medical Research Methodology</i> , 2018, 18, 179.	3.1	67
12	A comparison of statistical and machine-learning techniques in evaluating the association between dietary patterns and 10-year cardiometabolic risk (2002â€“2012): the ATTICA study. <i>British Journal of Nutrition</i> , 2018, 120, 326-334.	2.3	31
13	Machine Learning as an alternative of Statistical methods in predicting chronic disease risk. <i>Annals of Epidemiology</i> , 2018, 28, 658.	1.9	1
14	Hardware Inexact Grammar Parser. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2017, 31, 1759025.	1.2	0
15	The role of autonomous aggregators in IoT multi-core systems. , 2017, , .		1
16	A multi-core context-aware management architecture for mixed-criticality smart building applications. , 2016, , .		1
17	Parallel Hardware Stochastic Context-Free Parsers. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2016, 30, 1650008.	1.2	3
18	Embedded intelligence in smart cities through multi-core smart building architectures: Research achievements and challenges. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
19	A General Purpose Branch and Bound Parallel Algorithm. , 2016, , .		0
20	Comparison of Block Matching and Differential Methods for Motion Analysis of the Carotid Artery Wall From Ultrasound Images. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 852-858.	3.2	58
21	e-Prolipsis: A web based risk estimation platform to support and register breast cancer diagnosis in Greece. , 2012, , .		0
22	A platform for the automatic generation of attribute evaluation hardware systems. Computer Languages, Systems and Structures, 2010, 36, 203-222.	1.4	5
23	Efficient reconfigurable embedded parsers. Computer Languages, Systems and Structures, 2009, 35, 196-215.	1.4	11
24	Detection and Isolation of Antiatherogenic and Antioxidant Substances Present in Olive Mill Wastes by a Novel Filtration System. Journal of Agricultural and Food Chemistry, 2009, 57, 10554-10564.	5.2	18
25	A Formal Method for Rapid SoC Prototyping. , 2009, , .		0
26	TELIOS: A Tool for the Automatic Generation of Logic Programming Machines. IFIP Advances in Information and Communication Technology, 2009, , 523-528.	0.7	0
27	Hardware Embedded System on a Chip for the Normal ECG Recognition. IFMBE Proceedings, 2008, , 213-216.	0.3	0
28	An Efficient Hardware Implementation for AI Applications. Lecture Notes in Computer Science, 2006, , 35-45.	1.3	4