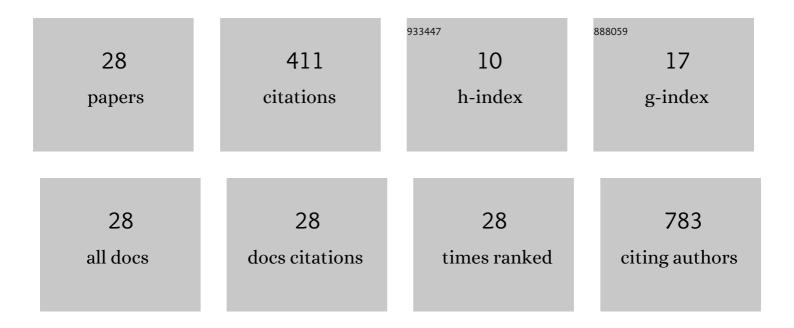
Alexandros C Dimopoulos

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	DOME: recommendations for supervised machine learning validation in biology. Nature Methods, 2021, 18, 1122-1127.	19.0	105
2	Machine learning methodologies versus cardiovascular risk scores, in predicting disease risk. BMC Medical Research Methodology, 2018, 18, 179.	3.1	67
3	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
4	A comparison of statistical and machine-learning techniques in evaluating the association between dietary patterns and 10-year cardiometabolic risk (2002–2012): the ATTICA study. British Journal of Nutrition, 2018, 120, 326-334.	2.3	31
5	Transmission lines' fault detection using syntactic pattern recognition. Energy Systems, 2019, 10, 299-320.	3.0	24
6	Ten simple rules for making training materials FAIR. PLoS Computational Biology, 2020, 16, e1007854.	3.2	24
7	Sociodemographic Indicators of Health Status Using a Machine Learning Approach and Data from the English Longitudinal Study of Aging (ELSA). Medical Science Monitor, 2019, 25, 1994-2001.	1.1	22
8	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
9	Exome Sequencing in BRCA1- and BRCA2-Negative Greek Families Identifies MDM1 and NBEAL1 as Candidate Risk Genes for Hereditary Breast Cancer. Frontiers in Genetics, 2019, 10, 1005.	2.3	15
10	Efficient reconfigurable embedded parsers. Computer Languages, Systems and Structures, 2009, 35, 196-215.	1.4	11
11	A Genetic Risk Score for the Estimation of Weight Loss After Bariatric Surgery. Obesity Surgery, 2020, 30, 1482-1490.	2.1	9
12	A platform for the automatic generation of attribute evaluation hardware systems. Computer Languages, Systems and Structures, 2010, 36, 203-222.	1.4	5
13	A system of systems architecture for the internet of things exploiting autonomous components. International Journal of System of Systems Engineering, 2019, 9, 167.	0.5	4
14	Combining Multiple RNA-Seq Data Analysis Algorithms Using Machine Learning Improves Differential Isoform Expression Analysis. Methods and Protocols, 2021, 4, 68.	2.0	4
15	An Efficient Hardware Implementation for Al Applications. Lecture Notes in Computer Science, 2006, , 35-45.	1.3	4
16	Parallel Hardware Stochastic Context-Free Parsers. International Journal of Pattern Recognition and Artificial Intelligence, 2016, 30, 1650008.	1.2	3
17	Embedded intelligence in smart cities through multi-core smart building architectures: Research achievements and challenges. , 2016, , .		3
18	A multi-core context-aware management architecture for mixed-criticality smart building applications. , 2016, , .		1

#	Article	IF	CITATIONS
19	The role of autonomous aggregators in IoT multi-core systems. , 2017, , .		1
20	Machine Learning as an alternative of Statistical methods in predicting chronic disease risk. Annals of Epidemiology, 2018, 28, 658.	1.9	1
21	Logic Design Using Modules and Nonlinear Integer Programming. Journal of Circuits, Systems and Computers, 2020, 29, 2050164.	1.5	1
22	A Formal Method for Rapid SoC Prototyping. , 2009, , .		0
23	e-Prolipsis: A web based risk estimation platform to support and register breast cancer diagnosis in Greece. , 2012, , .		0
24	A General Purpose Branch and Bound Parallel Algorithm. , 2016, , .		0
25	Hardware Inexact Grammar Parser. International Journal of Pattern Recognition and Artificial Intelligence, 2017, 31, 1759025.	1.2	0
26	Hardware Embedded System on a Chip for the Normal ECG Recognition. IFMBE Proceedings, 2008, , 213-216.	0.3	0
27	TELIOS: A Tool for the Automatic Generation of Logic Programming Machines. IFIP Advances in Information and Communication Technology, 2009, , 523-528.	0.7	0
28	A system of systems architecture for the internet of things exploiting autonomous components. International Journal of System of Systems Engineering, 2019, 9, 167.	0.5	0