# Alexandros C Dimopoulos

List of Publications by Year
in descending order



| 28 | 411 | 933447 10 | 888059 17 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 28 | 28 | 28 | 783 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | 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 (2002â€“2012): the ATTICA study. British Journal of Nutrition, 2018, 120, 326-334. | 2.3 | 31 |
| 5 | Transmission linesâ€™ 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 AI 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 |