

# Andrés Rodríguez Moreno

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2600948/publications.pdf>

Version: 2024-02-01

24  
papers

366  
citations

1040056

9  
h-index

839539

18  
g-index

25  
all docs

25  
docs citations

25  
times ranked

472  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of motility and chemotaxis in the pathogenesis of <i>Dickeya dadantii</i> 3937 (ex <i>Erwinia chrysanthemi</i> ) Tj ETQq1 1.0.784314 rgBT /Cve	1.8	10
2	Integrated analysis of gene expression by Association Rules Discovery. BMC Bioinformatics, 2006, 7, 54.	2.6	100
3	A computer model for the analysis of DNA replication intermediates by two-dimensional agarose gel electrophoresis. Gene, 1998, 217, 41-49.	2.2	20
4	Mining association rules from biological databases. Journal of the Association for Information Science and Technology, 2005, 56, 493-504.	2.6	20
5	Exploring heterogeneous scheduling for edge computing with CPU and FPGA MPSoCs. Journal of Systems Architecture, 2019, 98, 27-40.	4.3	16
6	An intelligent computing technique to estimate the magnetic field generated by overhead transmission lines using a hybrid GA-Sx algorithm. International Journal of Electrical Power and Energy Systems, 2013, 53, 43-53.	5.5	14
7	Heterogeneous parallel for Template for CPU-GPU Chips. International Journal of Parallel Programming, 2019, 47, 213-233.	1.5	14
8	A Computational Strategy for Protein Function Assignment which Addresses the Multidomain Problem. Comparative and Functional Genomics, 2002, 3, 423-440.	2.0	12
9	Simultaneous multiprocessing in a software-defined heterogeneous FPGA. Journal of Supercomputing, 2019, 75, 4078-4095.	3.6	11
10	A metadata classification schema for semantic content analysis of videos. Journal of Microscopy, 2002, 205, 33-42.	1.8	9
11	Parallel multiprocessing and scheduling on the heterogeneous Xeon+FPGA platform. Journal of Supercomputing, 2020, 76, 4645-4665.	3.6	8
12	Project Based Learning on Industrial Informatics: Applying IoT to Urban Garden. , 2018, , .		7
13	Designing a Project for Learning Industry 4.0 by Applying IoT to Urban Garden. Revista Iberoamericana De Tecnologías Del Aprendizaje, 2019, 14, 58-65.	0.9	7
14	Workload Partitioning Strategy for Improved Parallelism on FPGA-CPU Heterogeneous Chips. , 2018, , .		5
15	ScrimpCo: scalable matrix profile on commodity heterogeneous processors. Journal of Supercomputing, 2020, 76, 9189-9210.	3.6	5
16	Automatic Analysis of the Content of Cell Biological Videos and Database Organization of Their Metadata Descriptors. IEEE Transactions on Multimedia, 2004, 6, 119-128.	7.2	4
17	Analysis and Description of the Semantic Content of Cell Biological Videos. Multimedia Tools and Applications, 2005, 25, 37-58.	3.9	4
18	Bioinformatics and Parallel Metaheuristics. , 2005, , 517-549.		2

#	ARTICLE	IF	CITATIONS
19	Using Graphics Processors for a High Performance Normalization of Gene Expressions. , 2011, , .		2
20	Efficient heterogeneous matrix profile on a CPU + High Performance FPGA with integrated HBM. Future Generation Computer Systems, 2021, 125, 10-23.	7.5	2
21	Lightweight asynchronous scheduling in heterogeneous reconfigurable systems. Journal of Systems Architecture, 2022, 124, 102398.	4.3	2
22	Energy-aware acceleration on GPUs: Findings on a bioinformatics benchmark. Sustainable Computing: Informatics and Systems, 2018, 20, 88-101.	2.2	1
23	Adaptive Task Scheduling in Computational GRID Environments. Lecture Notes in Computer Science, 2005, , 880-890.	1.3	0
24	Parallel Pipeline on Heterogeneous Multi-processing Architectures. , 2015, , .		0