

Al Fazenda

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

381
citations

1464605

7
h-index

1255698

13
g-index

31
all docs

31
docs citations

31
times ranked

681
citing authors

#	ARTICLE	IF	CITATIONS
1	Building Data Sets for Rainforest Deforestation Detection Through a Citizen Science Project. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	1
2	Rtabnetsp: pacote R para extração de indicadores de saúde do estado de São Paulo. Epidemiologia E Servicos De Saude: Revista Do Sistema Unico De Saude Do Brasil, 2021, 30, e2020576.	0.3	0
3	The population of rotational fission clusters inside asteroid collisional families. Nature Astronomy, 2020, 4, 83-88.	4.2	10
4	Spin pairs in the Koronis asteroid family. Planetary and Space Science, 2020, 193, 105083.	0.9	2
5	A MIMD Interpreter for Genetic Programming. Lecture Notes in Computer Science, 2020, , 645-658.	1.0	6
6	Development of Eclipse Scripting API for Automatic Delineation of Femoral Head. IFMBE Proceedings, 2020, , 298-303.	0.2	0
7	Parallel Clustering Search Applied to Capacitated Centered Clustering Problem. , 2019, , .		1
8	ForestEyes Project: Can Citizen Scientists Help Rainforests?. , 2019, , .		1
9	Using a Graph Visualization Tool for Parallel Program Dynamic Visualization and Communication Analysis. Lecture Notes in Computer Science, 2018, , 627-636.	1.0	0
10	Parallel Algorithm for Dynamic Community Detection. , 2017, , .		1
11	The Brazilian developments on the Regional Atmospheric Modeling System (BRAMS 5.2): an integrated environmental model tuned for tropical areas. Geoscientific Model Development, 2017, 10, 189-222.	1.3	47
12	Numerical weather model BRAMS evaluation on many-core architectures: a micro and macro vision. International Journal of Computational Science and Engineering, 2016, 12, 330.	0.4	3
13	Lyapunov exponents and adaptive mesh refinement for high-speed flows using a discontinuous Galerkin scheme. Journal of Computational Physics, 2016, 319, 9-27.	1.9	5
14	Methods for evaluating volunteers'™ contributions in a deforestation detection citizen science project. Future Generation Computer Systems, 2016, 56, 550-557.	4.9	9
15	XV Brazilian Symposium on High Performance Computational Systems (WSCAD 2014). Journal of Physics: Conference Series, 2015, 649, 011001.	0.3	0
16	Code optimization by using GPU applied to a Dataflow numerical simulation model. Journal of Physics: Conference Series, 2015, 649, 012003.	0.3	0
17	Characterizing Communication Patterns of Parallel Programs Through Graph Visualization and Analysis. Lecture Notes in Computer Science, 2015, , 565-576.	1.0	1
18	acc-Motif: Accelerated Network Motif Detection. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2014, 11, 853-862.	1.9	32

#	ARTICLE	IF	CITATIONS
19	Dynamic load balancing in GPU-based systems for a MPI program. , 2014, , .		0
20	Evaluating Volunteers' Contributions in a Citizen Science Project. , 2014, , .		2
21	The Chemistry CATT-BRAMS model (CCATT-BRAMS 4.5): a regional atmospheric model system for integrated air quality and weather forecasting and research. Geoscientific Model Development, 2013, 6, 1389-1405.	1.3	44
22	Accelerated Motif Detection Using Combinatorial Techniques. , 2012, , .		6
23	Challenges and solutions to improve the scalability of an operational regional meteorological forecasting model. International Journal of High Performance Systems Architecture, 2011, 3, 87.	0.2	8
24	A Comparative Analysis of Load Balancing Algorithms Applied to a Weather Forecast Model. , 2010, , .		25
25	Meteorological condition and numerical simulation of the atmospheric transport of pollution emitted by vegetation fires. WIT Transactions on Ecology and the Environment, 2010, , .	0.0	0
26	Bidimensional modeling for incompressible viscous flow using the Circumcenter Based Approach in an unstructured grid. , 2010, , .		0
27	The Coupled Aerosol and Tracer Transport model to the Brazilian developments on the Regional Atmospheric Modeling System (CATT-BRAMS) " Part 1: Model description and evaluation. Atmospheric Chemistry and Physics, 2009, 9, 2843-2861.	1.9	173
28	A comparison between aerosols modelled and measured by AERONET network emitted by vegetation fires over Iberian Peninsula. WIT Transactions on Ecology and the Environment, 2007, , .	0.0	0
29	Towards Production Code Effective Portability among Vector Machines and Microprocessor-Based Architectures. , 2006, , .		4
30	A review on Approximate Computing applied to meteorological forecast models using software-based techniques. , 0, , .		0