Edson Borin

List of Publications by Year
in descending order

25	131	1937685 4	1372567 10
papers	citations	h-index	g-index

26	26	26	117
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Multi-Lane Capsule Network. IEEE Signal Processing Letters, 2019, 26, 1006-1010.	3.6	45
2	Partitioning Convolutional Neural Networks to Maximize the Inference Rate on Constrained IoT Devices. Future Internet, 2019, 11, 209.	3.8	17
3	Dynamic binary control-flow errors detection. Computer Architecture News, 2005, 33, 15-20.	2.5	11
4	Effective, Efficient, and Scalable Unsupervised Distance Learning in Image Retrieval Tasks. , 2015, , .		10
5	Efficiency and Scalability of Multi-lane Capsule Networks (MLCN). , 2019, , .		7
6	Efficient Image Re-Ranking Computation on GPUs. , 2012, , .		6
7	An automatic energy consumption characterization of processors using ArchC. Journal of Systems Architecture, 2013, 59, 603-614.	4.3	6
8	Image Re-ranking Acceleration on GPUs. , 2013, , .		4
9	Highâ€performance IO for seismic processing on the cloud. Concurrency Computation Practice and Experience, 2021, 33, e6250.	2.2	4
10	A unified model for accelerating unsupervised iterative reâ€ranking algorithms. Concurrency Computation Practice and Experience, 2020, 32, e5702.	2.2	3
11	Efficiency and scalability of multi-lane capsule networks (MLCN). Journal of Parallel and Distributed Computing, 2021, 155, 63-73.	4.1	3
12	Quantifying and detecting HPC resource wastage in cloud environments. , 2021, , .		3
13	Contextual Spaces Reâ€Ranking: accelerating the Reâ€sort Ranked Lists step on heterogeneous systems. Concurrency Computation Practice and Experience, 2017, 29, e3962.	2.2	2
14	Automatic Minimization of Execution Budgets of SPITS Programs in AWS. Communications in Computer and Information Science, 2020, , 21-36.	0.5	2
15	An evaluation of fast segmented sorting implementations on GPUs. Parallel Computing, 2022, 110, 102889.	2.1	2
16	Microcode Compression Using Structured-Constrained Clustering. International Journal of Parallel Programming, 2014, 42, 140-164.	1.5	1
17	AvaliaÃ§Ã£o das estruturas de arquivo para processamento de dados sÃsmicos com alto desempenho na nuvem computacional. , 0, , .		1
18	Monitoring HPC applications on the cloud with Zabbix. , 0, , .		1

#	Article	IF	Citations
19	CLAP: Uma Ferramenta para a ImplantaÃ§Ã£o de AplicaÃ§Ãµes de HPC nas Nuvens Computacionais. , 0, , .		1
20	CLAP-Bot: a framework for automatic optimization of high-performance elastic applications on the Clouds. , 2021, , .		1
21	Automatic detection of diffraction-apex using fully convolutional networks. , 0, , .		0
22	Enriching synthetic data with real noise using Neural Style Transfer. , 0, , .		0
23	AceleraÃ§Ã£o de mÃ©todos de empilhamento de dados sÃsmicos na nuvem com CUDA, OpenCL e SPITS. , 0, , .		0
24	AnÃ¡lise de desempenho dos serviÃ§os de armazenamento da Nuvem Computacional para execuÃ§Ã£o de checkpoint. , 0, , .		0
25	Leveraging Constrained Devices for Custom Code Execution in the Internet of Things. , 0, , .		0