

Robert Lovas

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

329
citations

1039406

9
h-index

940134

16
g-index

45
all docs

45
docs citations

45
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	P-GRADE: A Grid Programming Environment. Journal of Grid Computing, 2003, 1, 171-197.	2.5	47
2	EDGeS: Bridging EGEE to BOINC and XtremWeb. Journal of Grid Computing, 2009, 7, 335-354.	2.5	44
3	The GRED graphical editor for the GRADE parallel program development environment. Future Generation Computer Systems, 1999, 15, 443-452.	4.9	25
4	A novel IoT platform for the era of connected cars. , 2018, , .		16
5	EDGeS: THE COMMON BOUNDARY BETWEEN SERVICE AND DESKTOP GRIDS. Parallel Processing Letters, 2008, 18, 433-445.	0.4	13
6	Application of P-Grade Development Environment in Meteorology. , 2002, , 109-116.		13
7	Boosting gLite with cloud augmented volunteer computing. Future Generation Computer Systems, 2015, 43-44, 12-23.	4.9	12
8	Orchestrated Platform for Cyber-Physical Systems. Complexity, 2018, 2018, 1-16.	0.9	11
9	Cloud agnostic Big Data platform focusing on scalability and cost-efficiency. Advances in Engineering Software, 2018, 125, 167-177.	1.8	10
10	Parallel and Distributed Training of Deep Neural Networks: A brief overview. , 2020, , .		10
11	Big data and machine learning framework for clouds and its usage for text classification. Concurrency Computation Practice and Experience, 2021, 33, e6164.	1.4	10
12	The GRED graphical editor for the GRADE parallel program development environment. Lecture Notes in Computer Science, 1998, , 728-737.	1.0	6
13	PaaS-Oriented IoT Platform with Connected Cars Use Cases. , 2018, , .		6
14	Multiple SARS-CoV-2 Introductions Shaped the Early Outbreak in Central Eastern Europe: Comparing Hungarian Data to a Worldwide Sequence Data-Matrix. Viruses, 2020, 12, 1401.	1.5	6
15	Cloud-agnostic architectures for machine learning based on Apache Spark. Advances in Engineering Software, 2021, 159, 103029.	1.8	6
16	Integrating Temporal Assertions into a Parallel Debugger. Lecture Notes in Computer Science, 2002, , 113-120.	1.0	6
17	Interoperable Data Analytics Reference Architectures Empowering Digital-Twin-Aided Manufacturing. Future Internet, 2022, 14, 114.	2.4	6
18	EDGeS: A Bridge between Desktop Grids and Service Grids. , 2008, , .		4

#	ARTICLE	IF	CITATIONS
19	Debugging of metacomputing applications. , 2002, , .		3
20	An Adaptive Cloud-Based IoT Back-end Architecture and Its Applications. , 2018, , .		3
21	WS-PGRADE/gUSE in European Projects. , 2014, , 235-254.		3
22	Fundamentals of a Novel Debugging Mechanism for Orchestrated Cloud Infrastructures with Macrosteps and Active Control. Electronics (Switzerland), 2021, 10, 3108.	1.8	2
23	Toward Reference Architectures: A Cloud-Agnostic Data Analytics Platform Empowering Autonomous Systems. IEEE Access, 2022, 10, 60658-60673.	2.6	2
24	Development of a grid enabled chemistry application. International Journal of Computational Science and Engineering, 2009, 4, 195.	0.4	1
25	Crowd computing to support EGI scientists. , 2014, , .		1
26	Weather model fine-tuning with software container-based simulation platform. Idojaras, 2019, 123, 165-181.	0.2	1
27	Integration of Formal Verification and Debugging Methods in P-GRADE Environment. , 2005, , 83-92.		1
28	Fault detection in GPU-enabled Cloud Systems – An Overview. , 2022, , .		1
29	A metad debugger prototype for the HARNESS metacomputing framework. , 0, , .		0
30	Supporting Agricultural Communities with Workflows on Heterogeneous Computing Resources. , 2014, , .		0
31	ENTICE VM Image Analysis and Optimised Fragmentation. Journal of Grid Computing, 2018, 16, 247-263.	2.5	0
32	Evaluation of GPU Virtualisation Approaches for Machine Learning Enhanced Debugging of Cloud Orchestration. , 2021, , .		0
33	Translation of a High-Level Graphical Code to Message-Passing Primitives in the GRADE Programming Environment. Lecture Notes in Computer Science, 2000, , 258-265.	1.0	0
34	Correctness Debugging of Message Passing Programs Using Model Verification Techniques. Lecture Notes in Computer Science, 2007, , 335-343.	1.0	0
35	Development of a Grid Enabled Chemistry Application. , 2005, , 137-144.		0
36	Effects of Steady Motion Fitness as a Posture Training Method: A Pilot Study : Note: Sub-titles are not captured in Xplore and should not be used. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
37	Problems of Gait Analysis in Medical cases. , 2020, , .		0