Robert Lovas

List of Publications by Year
in descending order

37	329	9	16
papers	citations	h-index	g-index

45	45	45	272
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interoperable Data Analytics Reference Architectures Empowering Digital-Twin-Aided Manufacturing. Future Internet, 2022, 14, 114.	2.4	6
2	Fault detection in GPU-enabled Cloud Systems – An Overview. , 2022, , .		1
3	Toward Reference Architectures: A Cloud-Agnostic Data Analytics Platform Empowering Autonomous Systems. IEEE Access, 2022, 10, 60658-60673.	2.6	2
4	Evaluation of GPU Virtualisation Approaches for Machine Learning Enhanced Debugging of Cloud Orchestration. , 2021, , .		0
5	Cloud-agnostic architectures for machine learning based on Apache Spark. Advances in Engineering Software, 2021, 159, 103029.	1.8	6
6	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
7	Fundamentals of a Novel Debugging Mechanism for Orchestrated Cloud Infrastructures with Macrosteps and Active Control. Electronics (Switzerland), 2021, 10, 3108.	1.8	2
8	Parallel and Distributed Training of Deep Neural Networks: A brief overview. , 2020, , .		10
9	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
10	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
11	Problems of Gait Analysis in Medical cases. , 2020, , .		0
12	Weather model fine-tuning with software container-based simulation platform. Idojaras, 2019, 123, 165-181.	0.2	1
13	A novel IoT platform for the era of connected cars. , 2018, , .		16
14	PaaS-Oriented IoT Platform with Connected Cars Use Cases. , 2018, , .		6
15	Orchestrated Platform for Cyber-Physical Systems. Complexity, 2018, 2018, 1-16.	0.9	11
16	Cloud agnostic Big Data platform focusing on scalability and cost-efficiency. Advances in Engineering Software, 2018, 125, 167-177.	1.8	10
17	ENTICE VM Image Analysis and Optimised Fragmentation. Journal of Grid Computing, 2018, 16, 247-263.	2.5	0
18	An Adaptive Cloud-Based IoT Back-end Architecture and Its Applications. , 2018, , .		3

#	Article	IF	Citations
19	Boosting gLite with cloud augmented volunteer computing. Future Generation Computer Systems, 2015, 43-44, 12-23.	4.9	12
20	Crowd computing to support EGI scientists. , 2014, , .		1
21	Supporting Agricultural Communities with Workflows on Heterogeneous Computing Resources. , 2014, , .		0
22	WS-PGRADE/gUSE in European Projects. , 2014, , 235-254.		3
23	Development of a grid enabled chemistry application. International Journal of Computational Science and Engineering, 2009, 4, 195.	0.4	1
24	EDGeS: Bridging EGEE to BOINC and XtremWeb. Journal of Grid Computing, 2009, 7, 335-354.	2.5	44
25	EDGeS: A Bridge between Desktop Grids and Service Grids. , 2008, , .		4
26	EDGeS: THE COMMON BOUNDARY BETWEEN SERVICE AND DESKTOP GRIDS. Parallel Processing Letters, 2008, 18, 433-445.	0.4	13
27	Correctness Debugging of Message Passing Programs Using Model Verification Techniques. Lecture Notes in Computer Science, 2007, , 335-343.	1.0	0
28	Integration of Formal Verification and Debugging Methods in P-GRADE Environment. , 2005, , 83-92.		1
29	Development of a Grid Enabled Chemistry Application. , 2005, , 137-144.		0
30	P-GRADE: A Grid Programming Environment. Journal of Grid Computing, 2003, 1, 171-197.	2.5	47
31	Debugging of metacomputing applications. , 2002, , .		3
32	Application of P-Grade Development Environment in Meteorology. , 2002, , 109-116.		13
33	Integrating Temporal Assertions into a Parallel Debugger. Lecture Notes in Computer Science, 2002, , 113-120.	1.0	6
34	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
35	The GRED graphical editor for the GRADE parallel program development environment. Future Generation Computer Systems, 1999, 15, 443-452.	4.9	25
36	The GRED graphical editor for the GRADE parallel program development environment. Lecture Notes in Computer Science, 1998, , 728-737.	1.0	6

#	ARTICLE	IF	CITATIONS
37	A metadebugger prototype for the HARNESS metacomputing framework. , 0, , .		0