

Adam Belloum

List of Publications by Year in descending order

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75
papers

704
citations

687363

13
h-index

713466

21
g-index

77
all docs

77
docs citations

77
times ranked

557
citing authors

#	ARTICLE	IF	CITATIONS
1	Collaborative Trusted Digital Services for Citizens. IFIP Advances in Information and Communication Technology, 2021, , 212-223.	0.7	0
2	New approach to allocation planning of many-task workflows on clouds. Concurrency Computation Practice and Experience, 2020, 32, e5404.	2.2	1
3	matchms - processing and similarity evaluation of mass spectrometry data.. Journal of Open Source Software, 2020, 5, 2411.	4.6	48
4	Bridging the demand and the offer in data science. Concurrency Computation Practice and Experience, 2019, 31, e5200.	2.2	8
5	Towards a New Paradigm for Programming Scientific Workflows. , 2019, , .		1
6	Towards a Mobility Payment Service Based on Collaborative Open Systems. IFIP Advances in Information and Communication Technology, 2019, , 379-392.	0.7	4
7	Cookery: A Framework for Creating Data Processing Pipeline Using Online Services. , 2018, , .		1
8	On Reliable Collaborative Mobility Services. IFIP Advances in Information and Communication Technology, 2018, , 297-311.	0.7	8
9	Execution time estimation for workflow scheduling. Future Generation Computer Systems, 2017, 75, 376-387.	7.5	62
10	Agnostic Informatics System of Systems: The Open ISoS Services Framework. IFIP Advances in Information and Communication Technology, 2017, , 407-420.	0.7	14
11	Quantitative and Qualitative Analysis of Current Data Science Programs from Perspective of Data Science Competence Groups and Framework. , 2016, , .		5
12	EDISON Data Science Framework: A Foundation for Building Data Science Profession for Research and Industry. , 2016, , .		33
13	Distributed Data Management Service for VPH Applications. IEEE Internet Computing, 2016, 20, 34-41.	3.3	6
14	Towards a data processing plane: An automata-based distributed dynamic data processing model. Future Generation Computer Systems, 2016, 59, 21-32.	7.5	3
15	SDN-aware federation of distributed data. Future Generation Computer Systems, 2016, 56, 64-76.	7.5	18
16	Cookery: A framework for developing cloud applications. , 2015, , .		1
17	Data and process abstractions for cloud computing. , 2015, , .		0
18	Generating Scientific Documentation for Computational Experiments Using Provenance. Lecture Notes in Computer Science, 2015, , 168-179.	1.3	3

#	ARTICLE	IF	CITATIONS
19	Automata-Based Dynamic Data Processing for Clouds. Lecture Notes in Computer Science, 2014, , 93-104.	1.3	3
20	Experience of Profiling Curricula on Cloud Computing Technologies and Engineering for Different Target Groups. , 2014, , .		4
21	gSLM. , 2014, , .		0
22	Applying workflow as a service paradigm to application farming. Concurrency Computation Practice and Experience, 2014, 26, 1297-1312.	2.2	11
23	Cloud Data Federation for Scientific Applications. Lecture Notes in Computer Science, 2014, , 13-22.	1.3	3
24	<scp>OntEd</scp>: online ontology instance editor enabling a new approach to ontology development. Software - Practice and Experience, 2013, 43, 1319-1335.	3.6	4
25	Towards an Operating System for Intercloud. , 2013, , .		1
26	MapReduce Operations with WS-VLAM Workflow Management System. Procedia Computer Science, 2013, 18, 2599-2602.	2.0	4
27	New Instructional Models for Building Effective Curricula on Cloud Computing Technologies and Engineering. , 2013, , .		15
28	Beyond Scientific Workflows: Networked Open Processes. , 2013, , .		1
29	Distributed Computing on an Ensemble of Browsers. IEEE Internet Computing, 2013, 17, 54-61.	3.3	24
30	Workflow as a service. , 2012, , .		1
31	Constructing Workflows from Script Applications. Scientific Programming, 2012, 20, 359-377.	0.7	10
32	Enabling Web Services to Consume and Produce Large Datasets. IEEE Internet Computing, 2012, 16, 52-60.	3.3	13
33	Dynamic Handling for Cooperating Scientific Web Services. , 2011, , .		3
34	Collaborative e-Science Experiments and Scientific Workflows. IEEE Internet Computing, 2011, 15, 39-47.	3.3	46
35	Toward Executable Scientific Publications. Procedia Computer Science, 2011, 4, 707-715.	2.0	15
36	HisT/PLIER: A Two-Fold Provenance Approach for Grid-Enabled Scientific Workflows Using WS-VLAM. , 2011, , .		4

#	ARTICLE	IF	CITATIONS
37	Provenance opportunities for WS-VLAM. , 2011, , .		5
38	Actor-Driven Workflow Execution in Distributed Environments. Lecture Notes in Computer Science, 2011, , 287-294.	1.3	0
39	Data transport between visualization web services for medical image analysis. Procedia Computer Science, 2010, 1, 1727-1736.	2.0	12
40	Towards an actor-driven workflow management system for grids. , 2010, , .		0
41	AMOS: Using the Cloud for On-Demand Execution of e-Science Applications. , 2010, , .		9
42	Network Resource Control for Grid Workflow Management Systems. , 2010, , .		4
43	A history-tracing XML-based provenance framework for workflows. , 2010, , .		1
44	Special section on workflow systems and applications in e-Science. Future Generation Computer Systems, 2009, 25, 525-527.	7.5	16
45	SigWin-detector: a Grid-enabled workflow for discovering enriched windows of genomic features related to DNA sequences. BMC Research Notes, 2008, 1, 63.	1.4	5
46	Support for Cooperative Experiments in VL-e: From Scientific Workflows to Knowledge Sharing. , 2008, , .		0
47	A Framework for Interactive Parameter Sweep Applications. , 2008, , .		0
48	Enabling Data Transport between Web Services through alternative protocols and Streaming. , 2008, , .		2
49	A Framework for Interactive Parameter Sweep Applications. Lecture Notes in Computer Science, 2008, , 481-490.	1.3	2
50	International Workshop on Applications of Workflows in Computational Science (AWCS 08). Lecture Notes in Computer Science, 2008, , 459-462.	1.3	0
51	Distributed execution of aggregated multi domain workflows using an agent framework. , 2007, , .		15
52	WS-VLAM. , 2007, , .		21
53	Using Jade agent framework to prototype an e-Science workflow bus. , 2007, , .		15
54	Problem Solving Environment for Medical Image Analysis. Proceedings of the IEEE Symposium on Computer-Based Medical Systems, 2007, , .	0.0	2

#	ARTICLE	IF	CITATIONS
55	An Agent-based Resource Management for a Service-Oriented Telecare Environment. , 2007, , .		3
56	VLAM-G: Interactive Data Driven Workflow Engine for Grid-Enabled Resources. Scientific Programming, 2007, 15, 173-188.	0.7	16
57	WS-VLAM: A GT4 Based Workflow Management System. Lecture Notes in Computer Science, 2007, , 191-198.	1.3	10
58	VLE-WFBus: A Scientific Workflow Bus for Multi e-Science Domains. , 2006, , .		14
59	Interactive Workflows in a Virtual Laboratory for e-Bioscience: The SigWin-Detector Tool for Gene Expression Analysis. , 2006, , .		2
60	Virtual Lab for fMRI: Bridging the Usability Gap. , 2006, , .		5
61	Scientific Workflows. Scientific Programming, 2006, 14, 171-171.	0.7	4
62	Improving Automatic Data Structure Generation for e-Science Applications. , 2006, , .		2
63	Agent technology and scientific workflow management in an e-science environment. , 2005, , .		5
64	Dynamic Work.ow in a Grid Enabled Problem Solving Environment. , 2005, , .		3
65	Agent Technology and Generic Workflow Management in an e-Science Environment. Lecture Notes in Computer Science, 2005, , 480-485.	1.3	2
66	VL-E: Approaches to Design a Grid-Based Virtual Laboratory. , 2005, , 21-28.		2
67	VLAM-G: a grid-based virtual laboratory. Future Generation Computer Systems, 2003, 19, 209-217.	7.5	20
68	Evaluating the VLAM-G toolkit on the DAS-2. Future Generation Computer Systems, 2003, 19, 815-824.	7.5	3
69	Concurrent Evaluation of Web Cache Replacement and Coherence Strategies. Simulation, 2002, 78, 28-35.	1.8	5
70	The VLAM-G Abstract Machine: A Data and Process Handling System on the Grid. Lecture Notes in Computer Science, 2001, , 81-93.	1.3	7
71	The distributed ASCI Supercomputer project. Operating Systems Review (ACM), 2000, 34, 76-96.	1.9	80
72	Hydrologie agricole en AlgÃ©rieâ€”une double problÃ©matique. Hydrological Sciences Journal, 1993, 38, 479-495.	2.6	1

#	ARTICLE	IF	CITATIONS
73	Document replacement policies dedicated to Web caching. , 0, , .		5
74	Dealing with one-timer-documents in Web caching. , 0, , .		7
75	Scientific workflow management: between generality and applicability. , 0, , .		4