

Daniel Crawl

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

364
citations

1163117

8
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	Workflows and extensions to the Kepler scientific workflow system to support environmental sensor data access and analysis. <i>Ecological Informatics</i> , 2010, 5, 42-50.	5.2	81
2	Kepler + Hadoop. , 2009, , .		79
3	Big Data Applications Using Workflows for Data Parallel Computing. <i>Computing in Science and Engineering</i> , 2014, 16, 11-21.	1.2	30
4	Towards an Integrated Cyberinfrastructure for Scalable Data-driven Monitoring, Dynamic Prediction and Resilience of Wildfires. <i>Procedia Computer Science</i> , 2015, 51, 1633-1642.	2.0	30
5	Data Assimilation of Wildfires with Fuel Adjustment Factors in farsite using Ensemble Kalman Filtering * *This work is funded by NSF 1331615 under CI, Information Technology Research and SEES Hazards programs. <i>Procedia Computer Science</i> , 2017, 108, 1572-1581.	2.0	20
6	Challenges and approaches for distributed workflow-driven analysis of large-scale biological data. , 2012, , .		19
7	Firemap: A Dynamic Data-Driven Predictive Wildfire Modeling and Visualization Environment. <i>Procedia Computer Science</i> , 2017, 108, 2230-2239.	2.0	19
8	A Framework for Distributed Data-Parallel Execution in the Kepler Scientific Workflow System. <i>Procedia Computer Science</i> , 2012, 9, 1620-1629.	2.0	18
9	Approaches to Distributed Execution of Scientific Workflows in Kepler. <i>Fundamenta Informaticae</i> , 2013, 128, 281-302.	0.4	13
10	A Fault-Tolerance Architecture for Kepler-Based Distributed Scientific Workflows. <i>Lecture Notes in Computer Science</i> , 2010, , 452-460.	1.3	10
11	EPIK-a Workflow for Electron Tomography in Kepler1. <i>Procedia Computer Science</i> , 2014, 29, 2295-2305.	2.0	9
12	Kepler WebView: A Lightweight, Portable Framework for Constructing Real-time Web Interfaces of Scientific Workflows. <i>Procedia Computer Science</i> , 2016, 80, 673-679.	2.0	9
13	Toward a Methodology and Framework for Workflow-Driven Team Science. <i>Computing in Science and Engineering</i> , 2019, 21, 37-48.	1.2	7
14	Progress towards Automated Kepler Scientific Workflows for Computer-aided Drug Discovery and Molecular Simulations. <i>Procedia Computer Science</i> , 2014, 29, 1745-1755.	2.0	6
15	Monitoring data quality in Kepler. , 2010, , .		5
16	Estimation of wildfire wind conditions via perimeter and surface area optimization. <i>Journal of Computational Science</i> , 2022, 61, 101633.	2.9	4
17	Improving Wildfire Simulations by Estimation of Wildfire Wind Conditions from Fire Perimeter Measurements. <i>Lecture Notes in Computer Science</i> , 2021, , 231-244.	1.3	2
18	Scientific workflows for the geosciences: An emerging approach to building integrated data analysis systems. , 0, , 237-250.		1

#	ARTICLE	IF	CITATIONS
19	Integrated Machine Learning in the Kepler Scientific Workflow System. <i>Procedia Computer Science</i> , 2016, 80, 2443-2448.	2.0	1
20	A scalable approach for location-specific detection of Santa Ana conditions. , 2016, , .		1