

Michael Smit

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

583
citations

1039406

9
h-index

887659

17
g-index

57
all docs

57
docs citations

57
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	Introducing STRATOS: A Cloud Broker Service. , 2012, , .		104
2	Evaluation of Mobile Apps Targeted to Parents of Infants in the Neonatal Intensive Care Unit: Systematic App Review. JMIR MHealth and UHealth, 2019, 7, e11620.	1.8	58
3	Distributed, application-level monitoring for heterogeneous clouds using stream processing. Future Generation Computer Systems, 2013, 29, 2103-2114.	4.9	44
4	Digital archives, big data and image-based culturomics for social impact assessment: Opportunities and challenges. Environmental Impact Assessment Review, 2017, 67, 23-30.	4.4	40
5	A Design Space for Self-Adaptive Systems. Lecture Notes in Computer Science, 2013, , 33-50.	1.0	28
6	Using social media images as data in social science research. New Media and Society, 2023, 25, 849-871.	3.1	24
7	Code convention adherence in evolving software. , 2011, , .		22
8	Model-based adaptive DoS attack mitigation. , 2012, , .		22
9	Conservation culturomics should include images and a wider range of scholars. Frontiers in Ecology and the Environment, 2017, 15, 289-290.	1.9	20
10	Pattern-Based Deployment Service for Next Generation Clouds. , 2013, , .		16
11	A Web Service for Cloud Metadata. , 2012, , .		14
12	Simulating Service-Oriented Systems: A Survey and the Services-Aware Simulation Framework. IEEE Transactions on Services Computing, 2013, 6, 443-456.	3.2	14
13	Toward understanding how users respond to rumours in social media. , 2016, , .		14
14	Being where the people are: the challenges and benefits of search engine visibility for public libraries. Library Hi Tech News, 2015, 32, 11-15.	0.5	13
15	Moving Text Analysis Tools to the Cloud. , 2010, , .		10
16	Mobile Application User Experience Checklist: A Tool to Assess Attention to Core UX Principles. International Journal of Human-Computer Interaction, 0, , 1-8.	3.3	10
17	A co-design of clinical virtual care pathways to engage and support families requiring neonatal intensive care in response to the COVID-19 pandemic (COVES study). Journal of Neonatal Nursing, 2021, 27, 463-470.	0.3	10
18	Indigenous Traditional Ecological Knowledge and Ocean Observing: A Review of Successful Partnerships. Frontiers in Marine Science, 2021, 8, .	1.2	10

#	ARTICLE	IF	CITATIONS
19	The Impact of Restrictive Family Presence Policies in Response to COVID-19 on Family Integrated Care in the NICU: A Qualitative Study. <i>Herd</i> , 2022, 15, 49-62.	0.9	10
20	Mitigating DoS Attacks Using Performance Model-Driven Adaptive Algorithms. <i>ACM Transactions on Autonomous and Adaptive Systems</i> , 2014, 9, 1-26.	0.4	9
21	Toward a simulation-generated knowledge base of service performance. , 2009, , .		9
22	Toward an Ecosystem for Precision Sharing of Segmented Big Data. , 2013, , .		8
23	Canadian public libraries and search engines: barriers to visibility. <i>Aslib Journal of Information Management</i> , 2016, 68, 589-606.	1.3	8
24	Capacity planning for service-oriented architectures. , 2008, , .		7
25	A runtime cloud efficiency software quality metric. , 2014, , .		6
26	Examining the role of information in the civic engagement of youth. <i>Proceedings of the Association for Information Science and Technology</i> , 2015, 52, 1-9.	0.3	5
27	Parental perspectives on technology use to enhance communication and closeness during the COVID-19 parental presence restrictions. <i>Journal of Neonatal Nursing</i> , 2023, 29, 169-173.	0.3	5
28	Detecting environmental disasters in digital news archives. , 2015, , .		4
29	The Development of a Canadian Integrated Ocean Observing System (CIOOS). <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	4
30	Detecting privacy infractions in applications: A framework and methodology. , 2009, , .		3
31	Autonomic Configuration Adaptation Based on Simulation-Generated State-Transition Models. , 2011, , .		3
32	Preparing data managers to support open ocean science: Required competencies, assessed gaps, and the role of experiential learning. , 2017, , .		3
33	Identifying and mitigating risks to the quality of open data in the post-truth era. , 2017, , .		3
34	The impact of parent-targeted eHealth educational interventions on infant procedural pain management. <i>JBIC Database of Systematic Reviews and Implementation Reports</i> , 2019, 17, 1589-1599.	1.7	3
35	Comprehending Aspect-Oriented Programs: Challenges and Open Issues. , 2007, , .		2
36	Use Case Redocumentation from GUI Event Traces. <i>Software Maintenance and Reengineering (CSMR), Proceedings of the European Conference on</i> , 2008, , .	0.0	2

#	ARTICLE	IF	CITATIONS
37	Automated State-Space Exploration for Configuration Management of Service-Oriented Applications. , 2011, , .		2
38	Maintaining and evolving Service Level Agreements: Motivation and case study. , 2011, , .		2
39	Enabling an Enhanced Data-as-a-Service Ecosystem. , 2013, , .		2
40	Characterizing Disinformation Risk to Open Data in the Post-Truth Era. Journal of Data and Information Quality, 2020, 12, 1-13.	1.5	2
41	Migrating a Legacy Web-Based Document-Analysis Application to Hadoop and HBase. , 0, , 226-247.		2
42	Supporting application development with structured queries in the cloud. , 2013, , .		1
43	Supporting software evolution to the multi-cloud with a cross-cloud platform. , 2013, , .		1
44	Code Convention Adherence in Research Data Infrastructure Software: An Exploratory Study. , 2019, , .		1
45	Testing a novel human-nature connection model with Halifax's urban forest using a text-messaging engagement strategy. Urban Forestry and Urban Greening, 2021, 65, 127350.	2.3	1
46	Message from the SEAMS 2013 chairs. , 2013, , .		0
47	Second International Workshop on Personalized Web Tasking - Summary. , 2014, , .		0
48	Converged Reality: A Data Management Research Agenda for a Service-, Cloud-, and Data-Driven Era. , 2016, , .		0
49	Toward Best Practices for Unstructured Descriptions of Research Data. Proceedings of the Association for Information Science and Technology, 2021, 58, 303-314.	0.3	0
50	Learning Actions in Complex Software Systems. Lecture Notes in Computer Science, 2011, , 367-381.	1.0	0
51	Configuration Decision Making Using Simulation-Generated Data. Lecture Notes in Computer Science, 2011, , 15-26.	1.0	0
52	Proficient Use of Open Data Requires These Core Information Skills: An Open Data Community Perspective. Proceedings of the Annual Conference of CAIS / Actes Du Congrès Annuel De L ACSI, 0, , .	0.0	0