

Matthias Wieland

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

423
citations

933447

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all docs

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docs citations

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times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Investigations of the N-Type Semiconducting Polymer P(NDI2OD-T2) and Its Monomer: New Insights in the Reduction Behavior. <i>Journal of Physical Chemistry C</i> , 2015, 119, 22760-22771.	3.1	58
2	From Understanding Mechanical Behavior to Curvature Prediction of Humidity-Triggered Bilayer Actuators. <i>Advanced Materials</i> , 2021, 33, e2007982.	21.0	43
3	Context Integration for Smart Workflows. , 2008, , .		39
4	Humidity-Controlled Water Uptake and Conductivities in Ion and Electron Mixed Conducting Polythiophene Films. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 6742-6751.	8.0	29
5	Towards Reference Passing in Web Service and Workflow-Based Applications. , 2009, , .		28
6	Conductance and spectroscopic mapping of EDOT polymer films upon electrochemical doping. <i>Flexible and Printed Electronics</i> , 2020, 5, 014016.	2.7	25
7	Policy4TOSCA: A Policy-Aware Cloud Service Provisioning Approach to Enable Secure Cloud Computing. <i>Lecture Notes in Computer Science</i> , 2013, , 360-376.	1.3	20
8	Towards situation-aware adaptive workflows: SitOPT — A general purpose situation-aware workflow management system. , 2015, , .		19
9	Making the World Wide Space happen: New challenges for the Nexus context platform. , 2009, , .		17
10	Context-sensitive Adaptive Production Processes. <i>Procedia CIRP</i> , 2016, 41, 147-152.	1.9	15
11	Situation recognition and handling based on executing situation templates and situation-aware workflows. <i>Computing (Vienna/New York)</i> , 2017, 99, 163-181.	4.8	15
12	Towards a Rule-based Manufacturing Integration Assistant. <i>Procedia CIRP</i> , 2016, 57, 213-218.	1.9	13
13	ChronicOnline: Implementing a mHealth solution for monitoring and early alerting in chronic obstructive pulmonary disease. <i>Health Informatics Journal</i> , 2017, 23, 197-207.	2.1	13
14	Adding High-level Reasoning to Efficient Low-level Context Management: A Hybrid Approach. , 2008, , .		12
15	Implementation of the MIALinx integration concept for future manufacturing environments to enable retrofitting of machines. <i>Procedia CIRP</i> , 2019, 79, 596-601.	1.9	11
16	Situation-Aware Execution and Dynamic Adaptation of Traditional Workflow Models. <i>Lecture Notes in Computer Science</i> , 2016, , 69-83.	1.3	10
17	A situation-aware workflow modelling extension. , 2015, , .		9
18	Extended provisioning, security and analysis techniques for the ECHO health data management system. <i>Computing (Vienna/New York)</i> , 2017, 99, 183-201.	4.8	9

#	ARTICLE	IF	CITATIONS
19	PerFlows for the computers of the 21st century. , 2009, , .		8
20	Virtualizing Services and Resources with ProBus: The WS-Policy-Aware Service and Resource Bus. , 2009, , .		6
21	Dynamic Ontology-Based Sensor Binding. Lecture Notes in Computer Science, 2016, , 323-337.	1.3	6
22	Rule-based integration of smart services using the manufacturing service bus. , 2017, , .		6
23	An Integrated mHealth Solution for Enhancing Patientsâ€™ Health Online. IFMBE Proceedings, 2015, , 695-698.	0.3	5
24	Situation model as interface between situation recognition and situation-aware applications. Computer Science - Research and Development, 2017, 32, 331-342.	2.7	4
25	Methods for Conserving Privacy in Workflow Controlled Smart Environments. , 2009, , .		2
26	Actuators: From Understanding Mechanical Behavior to Curvature Prediction of Humidityâ€Triggered Bilayer Actuators (Adv. Mater. 9/2021). Advanced Materials, 2021, 33, 2170067.	21.0	1
27	Context Modeling for Mobile, Adaptive ApplicationsKontextmodellierung fÃ¼r mobile, adaptive Anwendungen. IT - Information Technology, 2009, 51, 85-92.	0.9	0