Matthias Wieland

List of Publications by Year
in descending order

27 papers	423 citations	10 h-index	16 g-index
27 all docs	27 docs citations	27 times ranked	517 citing authors

#	Article	IF	Citations
1	From Understanding Mechanical Behavior to Curvature Prediction of Humidity‐Triggered Bilayer Actuators. Advanced Materials, 2021, 33, e2007982.	21.0	43
2	Actuators: From Understanding Mechanical Behavior to Curvature Prediction of Humidity‐Triggered Bilayer Actuators (Adv. Mater. 9/2021). Advanced Materials, 2021, 33, 2170067.	21.0	1
3	Conductance and spectroscopic mapping of EDOT polymer films upon electrochemical doping. Flexible and Printed Electronics, 2020, 5, 014016.	2.7	25
4	Humidity-Controlled Water Uptake and Conductivities in Ion and Electron Mixed Conducting Polythiophene Films. ACS Applied Materials & Interfaces, 2020, 12, 6742-6751.	8.0	29
5	Implementation of the MIALinx integration concept for future manufacturing environments to enable retrofitting of machines. Procedia CIRP, 2019, 79, 596-601.	1.9	11
6	ChronicOnline: Implementing a mHealth solution for monitoring and early alerting in chronic obstructive pulmonary disease. Health Informatics Journal, 2017, 23, 197-207.	2.1	13
7	Situation recognition and handling based on executing situation templates and situation-aware workflows. Computing (Vienna/New York), 2017, 99, 163-181.	4.8	15
8	Situation model as interface between situation recognition and situation-aware applications. Computer Science - Research and Development, 2017, 32, 331-342.	2.7	4
9	Extended provisioning, security and analysis techniques for the ECHO health data management system. Computing (Vienna/New York), 2017, 99, 183-201.	4.8	9
10	Rule-based integration of smart services using the manufacturing service bus. , 2017, , .		6
11	Towards a Rule-based Manufacturing Integration Assistant. Procedia CIRP, 2016, 57, 213-218.	1.9	13
12	Context-sensitive Adaptive Production Processes. Procedia CIRP, 2016, 41, 147-152.	1.9	15
13	Situation-Aware Execution and Dynamic Adaptation of Traditional Workflow Models. Lecture Notes in Computer Science, 2016, , 69-83.	1.3	10
14	Dynamic Ontology-Based Sensor Binding. Lecture Notes in Computer Science, 2016, , 323-337.	1.3	6
15	A situation-aware workflow modelling extension. , 2015, , .		9
16	An Integrated mHealth Solution for Enhancing Patients' Health Online. IFMBE Proceedings, 2015, , 695-698.	0.3	5
17	Towards situation-aware adaptive workflows: SitOPT &#x2014; A general purpose situation-aware workflow management system. , 2015, , .		19
18	Electrochemical Investigations of the N-Type Semiconducting Polymer P(NDI2OD-T2) and Its Monomer: New Insights in the Reduction Behavior. Journal of Physical Chemistry C, 2015, 119, 22760-22771.	3.1	58

#	Article	IF	Citations
19	Policy4TOSCA: A Policy-Aware Cloud Service Provisioning Approach to Enable Secure Cloud Computing. Lecture Notes in Computer Science, 2013, , 360-376.	1.3	20
20	Context Modeling for Mobile, Adaptive ApplicationsKontextmodellierung fÃ¼r mobile, adaptive Anwendungen. IT - Information Technology, 2009, 51, 85-92.	0.9	0
21	Methods for Conserving Privacy in Workflow Controlled Smart Environments. , 2009, , .		2
22	Making the World Wide Space happen: New challenges for the Nexus context platform. , 2009, , .		17
23	Towards Reference Passing in Web Service and Workflow-Based Applications. , 2009, , .		28
24	PerFlows for the computers of the 21st century. , 2009, , .		8
25	Virtualizing Services and Resources with ProBus: The WS-Policy-Aware Service and Resource Bus. , 2009, , .		6
26	Context Integration for Smart Workflows. , 2008, , .		39
27	Adding High-level Reasoning to Efficient Low-level Context Management: A Hybrid Approach. , 2008, , .		12