Pascal Hirmer

List of Publications by Year
in descending order

24 papers	127 citations	1478505 6 h-index	1474206 9 g-index
24 all docs	24 docs citations	24 times ranked	77 citing authors

#	Article	IF	Citations
1	Towards Feedback Loops in Model-Driven IoT Applications. Communications in Computer and Information Science, 2021, , 100-108.	0.5	0
2	A lightweight messaging engine for decentralized data processing in the Internet of Things. Software-Intensive Cyber-Physical Systems, 2020, 35, 39-48.	2.3	5
3	Models for Internet of Things Environmentsâ€"A Survey. Information (Switzerland), 2020, 11, 487.	2.9	8
4	A Model Management Platform for Industry 4.0 â€“ Enabling Management of Machine Learning Models in Manufacturing Environments. Lecture Notes in Business Information Processing, 2020, , 403-417.	1.0	11
5	Avoiding Vendor-Lockin in Cloud Monitoring Using Generic Agent Templates. Lecture Notes in Business Information Processing, 2020, , 367-378.	1.0	3
6	Model-Based Operator Placement for Data Processing in IoT Environments. , 2019, , .		7
7	A New Process Model for the Comprehensive Management of Machine Learning Models. , 2019, , .		9
8	Partial execution of Mashup Plans during modeling time. Computer Science - Research and Development, 2018, 33, 341-352.	2.7	2
9	Customization and provisioning of complex event processing using TOSCA. Computer Science - Research and Development, 2018, 33, 317-327.	2.7	1
10	A Hybrid Approach to Implement Data Driven Optimization into Production Environments. Lecture Notes in Business Information Processing, 2018, , 3-14.	1.0	2
11	A Human-Centered Approach for Interactive Data Processing and Analytics. Lecture Notes in Business Information Processing, 2018, , 498-514.	1.0	3
12	Automated Creation and Provisioning of Decision Information Packages for the Smart Factory. Complex Systems Informatics and Modeling Quarterly, 2018, , 72-89.	0.9	0
13	The First Data Science Challenge at BTW 2017. Datenbank-Spektrum, 2017, 17, 207-222.	1.3	0
14	TOSCA4Mashups: enhanced method for on-demand data mashup provisioning. Computer Science - Research and Development, 2017, 32, 291-300.	2.7	3
15	Situation recognition and handling based on executing situation templates and situation-aware workflows. Computing (Vienna/New York), 2017, 99, 163-181.	4.8	15
16	Situation model as interface between situation recognition and situation-aware applications. Computer Science - Research and Development, 2017, 32, 331-342.	2.7	4
17	FlexMash 2.0 â€“ Flexible Modeling and Execution of Data Mashups. Communications in Computer and Information Science, 2017, , 10-29.	0.5	6
18	Context-Aware Decision Information Packages: An Approach to Human-Centric Smart Factories. Lecture Notes in Computer Science, 2017, , 42-56.	1.3	4

#	Article	IF	Citations
19	Towards Interactive Data Processing and Analytics - Putting the Human in the Center of the Loop. , 2017, , .		2
20	Towards a Rule-based Manufacturing Integration Assistant. Procedia CIRP, 2016, 57, 213-218.	1.9	13
21	Dynamic Ontology-Based Sensor Binding. Lecture Notes in Computer Science, 2016, , 323-337.	1.3	6
22	FlexMash â€“ Flexible Data Mashups Based on Pattern-Based Model Transformation. Communications in Computer and Information Science, 2016, , 12-30.	0.5	9
23	A situation-aware workflow modelling extension. , 2015, , .		9
24	Extended Techniques for Flexible Modeling and Execution of Data Mashups. , 2015, , .		5