

Vclav Jirkovsk

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

167
citations

6
h-index

12
g-index

16
ext. papers

199
ext. citations

2.8
avg, IF

3.35
L-index

#	Paper	IF	Citations
15	Understanding Data Heterogeneity in the Context of Cyber-Physical Systems Integration. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 660-667	11.9	77
14	Big Data Semantics in Industry 4.0. <i>Lecture Notes in Computer Science</i> , 2015 , 217-229	0.9	28
13	Toward Plug&Play Cyber-Physical System Components. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 2803-2811	11.9	24
12	A Multi-Layer Approach for Failure Detection in a Manufacturing System Based on Automation Agents 2012 ,		6
11	MAPSOM: User Involvement in Ontology Matching. <i>Lecture Notes in Computer Science</i> , 2014 , 348-363	0.9	6
10	Enabling Semantics within Industry 4.0. <i>Lecture Notes in Computer Science</i> , 2017 , 39-52	0.9	6
9	Semi-automatic Ontology Matching Approach for Integration of Various Data Models in Automotive. <i>Lecture Notes in Computer Science</i> , 2017 , 53-65	0.9	5
8	Visualization of ontologies in multi-agent industrial systems 2011 ,		4
7	Ontology Mapping Approach for Fault Classification in Multi-Agent Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 951-956		3
6	Data Exchange Ontology for Interoperability Facilitation Within Industrial Automation Domain. <i>Lecture Notes in Computer Science</i> , 2019 , 145-158	0.9	2
5	Engineering of Coupled Simulation Models for Mechatronic Systems. <i>Studies in Computational Intelligence</i> , 2015 , 3-11	0.8	2
4	Heterogeneity Reduction for Data Refining Within Ontology Learning Process 2018 ,		2
3	Enabling Plug&Play Cyber-Physical Systems Using Knowledge-Driven OPC UA Discovery 2019 ,		1
2	Information Exchange and Integration Within Industrial Automation Domain. <i>Lecture Notes in Computer Science</i> , 2019 , 159-170	0.9	1
1	Revival of MAS Technologies in Industry. <i>Lecture Notes in Computer Science</i> , 2021 , 131-144	0.9	