

Ioan Sacala

List of Publications by Year in Descending Order

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Version: 2024-04-26

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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.

51
papers

197
citations

7
h-index

11
g-index

66
ext. papers

296
ext. citations

1.7
avg, IF

3.06
L-index

#	Paper	IF	Citations
51	Fostering Cyber-Physical Social Systems through an Ontological Approach to Personality Classification Based on Social Media Posts. <i>Sensors</i> , 2021 , 21,	3.8	1
50	Future Enterprise as an Intelligent Cyber-Physical System. <i>IFAC-PapersOnLine</i> , 2020 , 53, 10873-10878	0.7	0
49	Bio-inspired Autonomous Enterprise Systems. <i>IFAC-PapersOnLine</i> , 2020 , 53, 10879-10884	0.7	0
48	PatientDataChain: A Blockchain-Based Approach to Integrate Personal Health Records. <i>Sensors</i> , 2020 , 20,	3.8	11
47	An Hybrid Approach for Urban Traffic Prediction and Control in Smart Cities. <i>Sensors</i> , 2020 , 20,	3.8	3
46	A Perceptive Interface for Intelligent Cyber Enterprises. <i>Sensors</i> , 2019 , 19,	3.8	5
45	A cyber-physical systems approach to cognitive enterprise. <i>Periodicals of Engineering and Natural Sciences</i> , 2019 , 7, 337	1.7	2
44	Neuro-inspired Framework for cognitive manufacturing control. <i>IFAC-PapersOnLine</i> , 2019 , 52, 910-915	0.7	4
43	Towards Document Flow Discovery in e-health Systems 2018 ,		1
42	Automated process recognition architecture for cyber-physical systems. <i>Enterprise Information Systems</i> , 2018 , 12, 1129-1148	3.5	5
41	A Cyber Physical Systems Approach for Agricultural Enterprise and Sustainable Agriculture 2017 ,		5
40	Agricultural enterprise architecture based on cyber physical systems paradigm 2017 ,		1
39	A Conceptual Framework for Modeling and Design of Cyber-Physical Systems. <i>Studies in Informatics and Control</i> , 2017 , 26,	2.1	16
38	Towards the development of interoperable sensing systems for the future enterprise. <i>Journal of Intelligent Manufacturing</i> , 2016 , 27, 33-54	6.7	14
37	Towards the development of the framework for inter sensing enterprise architecture. <i>Journal of Intelligent Manufacturing</i> , 2016 , 27, 55-72	6.7	27
36	Automated Process Mapping for Cyber Intelligent Enterprise 2015 ,		2
35	Cyber Physical Systems Oriented Robot Development Platform. <i>Procedia Computer Science</i> , 2015 , 65, 203-209	1.6	1

34	Towards the development of semantically enabled flexible process monitoring systems. <i>International Journal of Computer Integrated Manufacturing</i> , 2015 , 1-13	4.3	5
33	Versatile Intelligent Portable Robot Control Platform Based on Cyber Physical Systems Principles. <i>Studies in Informatics and Control</i> , 2015 , 24,	2.1	10
32	Towards the development of a Cyber-Intelligent Enterprise System Architecture. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 827-832		4
31	A cyber-physical systems approach to develop a generic enterprise architecture 2014 ,		1
30	Generic Architecture for Process Mining in the Context of Cyber Physical Systems. <i>Applied Mechanics and Materials</i> , 2014 , 656, 569-577	0.3	1
29	Towards the Development of a Cyber-Physical Systems Oriented Enterprise Architecture. <i>Applied Mechanics and Materials</i> , 2014 , 555, 816-821	0.3	
28	Avalanche Prediction Based on Snow Level Monitoring Using Wireless Sensor Networks. <i>Applied Mechanics and Materials</i> , 2014 , 656, 369-377	0.3	1
27	Enabling Interoperability Between Serious Game and Virtual Engineering Ecosystems 2014 ,		3
26	E-Services quality assessment framework for collaborative networks. <i>Enterprise Information Systems</i> , 2014 , 1-24	3.5	7
25	Towards a Generic Enterprise Systems Architecture Based on Cyber-Physical Systems Principles. <i>Lecture Notes in Computer Science</i> , 2014 , 245-252	0.9	4
24	Release Management Tool - A Software Application for Release and Deployment Management. <i>Applied Mechanics and Materials</i> , 2014 , 656, 524-533	0.3	0
23	Software Design for Oil Industry Metrology Systems. <i>Studies in Informatics and Control</i> , 2014 , 23,	2.1	2
22	Towards the Development of the Future Internet Based Enterprise in the Context of Cyber-Physical Systems 2013 ,		17
21	Medical services modelling based on business process model framework 2013 ,		1
20	Enterprise architecture for e-Health system 2013 ,		1
19	Semantic Middleware Architecture. <i>Applied Mechanics and Materials</i> , 2013 , 436, 488-496	0.3	2
18	A Holistic Vision of Medical Services and Information Support System Based on E-Healthcare Framework. <i>Applied Mechanics and Materials</i> , 2013 , 436, 497-504	0.3	1
17	Quality Modeling Framework for Service Composition. An Indoor Air Quality Monitoring System Case Study. <i>Applied Mechanics and Materials</i> , 2013 , 436, 480-487	0.3	

16	Quality Management in Sensing Enterprise: Requirements for quality driven manufacturing. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 1316-1321		1
15	Inter-Enterprise Architecture and Internet of the Future. <i>IFIP Advances in Information and Communication Technology</i> , 2013 , 25-32	0.5	5
14	Concurrent innovation-based eEnterprise 2012 ,		2
13	Distributed Task Allocation in Multi-Robot Systems Using Argumentation-Based Negotiation. <i>Advanced Materials Research</i> , 2012 , 463-464, 1238-1241	0.5	1
12	Towards the Development of Internet of Things Oriented Robot to Object Interaction Framework. <i>Advanced Materials Research</i> , 2012 , 463-464, 1321-1323	0.5	
11	Towards Integration of Knowledge Extraction From Process Interoperability in Future Internet Enterprise Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 1458-1463		6
10	Quality Driven Web Service Composition Modeling Framework. <i>International Federation for Information Processing</i> , 2012 , 87-95		2
9	Integrating e-IMS Platform via Interoperability within Collaborative Enterprises. <i>Studies in Computational Intelligence</i> , 2012 , 129-142	0.8	
8	Using Hybrid Petri Nets for Performance Analysis in Manufacturing Systems. <i>Studies in Computational Intelligence</i> , 2012 , 255-264	0.8	
7	Dynamic Interoperability Model for Web Service Choreographies 2012 , 81-91		3
6	The Future of Knowledge in Manufacturing Systems in the Future Era of Internet of Things. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2010 , 43, 215-220		4
5	Toward Digital Business EcoSystem Analysis 2010 , 607-638		2
4	KNOWLEDGE MANAGEMENT BASED SUPPLY CHAIN IN LEARNING ORGANIZATION. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 121-126		2
3	From industrial robotics towards intelligent robotic systems 2008 ,		10
2	Towards a Holistic Approach for Intelligent Manufacturing Systems Synthesis. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 193-198		1
1	CROSSDOMAIN ENVIRONMENT HEALTHY INTEROPERABLE METASYSTEM. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2007 , 40, 229-234		