Omar Chiotti

List of Publications by Year
in descending order

48 papers	451 citations	840776 11 h-index	794594 19 g-index
51 all docs	51 docs citations	51 times ranked	395 citing authors

#	Article	IF	Citations
1	An autonomous multi-agent approach to supply chain event management. International Journal of Production Economics, 2012, 135, 468-478.	8.9	57
2	Extending BPMN 2.0: Method and Tool Support. Lecture Notes in Business Information Processing, 2011, , 59-73.	1.0	52
3	Towards ontological engineering: a process for building a domain ontology from scratch in public administration. Expert Systems, 2008, 25, 484-503.	4.5	38
4	A conceptual model and technological support for organizational knowledge management. Science of Computer Programming, 2014, 95, 73-92.	1.9	32
5	A service-oriented framework for agent-based simulations of collaborative supply chains. Computers in Industry, 2016, 83, 92-107.	9.9	23
6	Simplified models for binary batch distillation. Computers and Chemical Engineering, 1991, 15, 1-5.	3.8	16
7	An Ontology-driven Document Retrieval Strategy for Organizational Knowledge Management Systems. Electronic Notes in Theoretical Computer Science, 2011, 281, 21-34.	0.9	15
8	Agent-based monitoring service for management of disruptive events in supply chains. Computers in Industry, 2015, 70, 89-101.	9.9	15
9	OntoQualitas: A framework for ontology quality assessment in information interchanges between heterogeneous systems. Computers in Industry, 2014, 65, 1291-1300.	9.9	14
10	Process-Oriented Integration and Coordination of Healthcare Services across Organizational Boundaries. Journal of Medical Systems, 2012, 36, 3713-3724.	3.6	12
11	A model driven development approach based on a reference model for predicting disruptive events in a supply process. Computers in Industry, 2012, 63, 482-499.	9.9	12
12	Modeling and Specification of Collaborative Business Processes with a MDS Approach and a UML Profile. , 2007, , 13-44.		12
13	A Modeling Approach for Collaborative Business Processes Based on the UP-ColBPIP Language. Lecture Notes in Business Information Processing, 2010, , 318-329.	1.0	11
14	Volterra NN-based behavioral model for new wireless communications devices. Neural Computing and Applications, 2009, 18, 283-291.	5.6	10
15	A distributed repository for managing business process models in cross-organizational collaborations. Computers in Industry, 2013, 64, 252-267.	9.9	10
16	Defining the resource perspective in the development of processes-aware information systems. Information and Software Technology, 2015, 59, 86-108.	4.4	10
17	A Technological Solution to Provide Integrated and Process-Oriented Care Services in Healthcare Organizations. IEEE Transactions on Industrial Informatics, 2016, 12, 1508-1518.	11.3	10
18	Organizational Knowledge Sources Integration through an Ontology-Based Approach: The Onto-DOM Architecture. Lecture Notes in Computer Science, 2008, , 441-450.	1.3	9

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19	Model-Driven Development Methodology for B2B Collaborations. , 2010, , .		8
20	Framework for modelling and simulating the supply process monitoring to detect and predict disruptive events. Computers in Industry, 2016, 80, 30-42.	9.9	8
21	Developing a Knowledge Management Multi-Agent System Using JaCaMo. Lecture Notes in Computer Science, 2012, , 41-57.	1.3	8
22	Modeling of the supervisory control system of a multipurpose batch plant. Computers and Chemical Engineering, 1999, 23, 611-622.	3.8	7
23	An approach based on constraint satisfaction problems to disruptive event management in supply chains. International Journal of Production Economics, 2013, 144, 223-242.	8.9	7
24	Software Agents for Management Dynamic Inter-Organizational Collaborations. IEEE Latin America Transactions, 2014, 12, 330-341.	1.6	6
25	An approach to define semantics for BPM systems interoperability. Enterprise Information Systems, 2015, 9, 324-347.	4.7	6
26	Neural Networks applied to wireless communications. , 2006, , 129-138.		6
27	A Verification Method for Collaborative Business Processes. Lecture Notes in Business Information Processing, 2012, , 293-305.	1.0	6
28	Process-aware approach for managing organisational knowledge. Information Systems, 2016, 62, 1-28.	3.6	5
29	Transforming Collaborative Business Process Models into Web Services Choreography Specifications. Lecture Notes in Computer Science, 2006, , 50-65.	1.3	5
30	Temporal abstraction for the analysis of intensive care information. Journal of Physics: Conference Series, 2007, 90, 012074.	0.4	3
31	Enterprise Knowlegde Management for Emergent Organizations. , 2008, , 218-249.		3
32	A batch distillation module integrated to the process simulator simbad. Computers in Industry, 1989, 12, 299-306.	9.9	2
33	Technologies for data semantic modelling. International Journal of Metadata, Semantics and Ontologies, 2006, 1, 322.	0.2	2
34	An autonomous multi-agent approach to supply chain event management. , 2008, , .		2
35	Transforming Collaborative Process Models into Interface Process Models by Applying an MDA Approach. IFIP Advances in Information and Communication Technology, 2009, , 301-315.	0.7	2
36	A Multi-Agent Knowledge Management System for Reactive and Proactive Knowledge Supply. Advances in Knowledge Acquisition, Transfer and Management Book Series, 2012, , 203-218.	0.2	2

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37	An Agent-Based B2B Collaboration Platform for Executing Collaborative Business Processes. International Federation for Information Processing, 2010, , 40-50.	0.4	1
38	Service Oriented Approach for Autonomous Exception Management in Supply Chains. International Federation for Information Processing, 2010, , 292-303.	0.4	1
39	Modeling the supervising control of a multipurpose batch plant operated by activity. Computers and Chemical Engineering, 1999, 23, S187-S190.	3.8	0
40	NN-based software tool for helping wireless communications components design. , 2006, , .		0
41	An ontology evolution approach for information retrieval strategies with compound terms. , 2012, , .		0
42	A new knowledge representation for managing organisational knowledge objects. , 2016, , .		0
43	Contextual Ontology Modeling Language to Facilitate the use of enabling Semantic Web Technologies. , 2006, , 68-90.		0
44	An Ontology-Based Framework to Semantically Describe XML-Based Business Documents. Advances in E-Business Research Series, 2011, , 457-481.	0.4	0
45	Toward Semantic Interoperability between Information Systems. , 2011, , 65-88.		0
46	A Multi-Agent Knowledge Management System for Reactive and Proactive Knowledge Supply. , 2013, , 1104-1119.		0
47	A Comprehensive Framework for Representing Semantics via Context and Ontology in the Collaborative Commerce Area. , 2007, , .		0
48	Modeling and Specification of Collaborative Business Processes with a MDA Approach and a UML Profile. , 0, , 238-268.		0