Paul Johannesson

List of Publications by Year
in descending order

101	1,351	567281 15	477307 29
papers	citations	h-index	g-index

118	118	118	749
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Layered Architecture for End-To-End Security, Trust, and Privacy for the Internet of Things. Lecture Notes in Networks and Systems, 2021, , 289-298.	0.7	4
2	Dynamic and Decentralized Trust Management for the Internet of Things (IoT) Paradigm. Advances in Intelligent Systems and Computing, 2021, , 1017-1026.	0.6	1
3	An artifact ontology for design science research. Data and Knowledge Engineering, 2021, 133, 101878.	3.4	13
4	dfgcompare: a library to support process variant analysis through Markov models. BMC Medical Informatics and Decision Making, 2021, 21, 356.	3.0	1
5	Template-driven Best Practice Documentation. Knowledge Management Research and Practice, 2020, 18, 348-365.	4.1	1
6	Fog Computing for Trust in the Internet of Things (IoT): A Systematic Literature Review. , 2020, , .		8
7	IMSC-EIoTD: Identity Management and Secure Communication for Edge IoT Devices. Sensors, 2020, 20, 6546.	3.8	8
8	An Ontology of IS Design Science Research Artefacts. Lecture Notes in Business Information Processing, 2020, , 129-144.	1.0	1
9	Enhancing Data Privacy in the Internet of Things (IoT) Using Edge Computing. Communications in Computer and Information Science, 2020, , 231-243.	0.5	2
10	Identity Management in Internet of Things: A Software-Defined Networking Approach. Lecture Notes in Electrical Engineering, 2020, , 495-504.	0.4	2
11	An Ontological Analysis of the Notion of Treatment. Lecture Notes in Computer Science, 2020, , 303-314.	1.3	1
12	Just Finished a Cycle of a Design Science Research Project: Whatâ€™s Next?. Complex Systems Informatics and Modeling Quarterly, 2020, , 60-86.	0.9	2
13	The case for classes and instances - a response to representing instances: the case for reengineering conceptual modelling grammars. European Journal of Information Systems, 2019, 28, 681-693.	9.2	9
14	Institutional ontology for Conceptual Modeling. Journal of Information Technology, 2018, 33, 105-123.	3.9	16
15	Trust in Internet of Things: An architecture for the future IoT network. , 2018, , .		9
16	Towards Security on Internet of Things: Applications and Challenges in Technology. Procedia Computer Science, 2018, 141, 199-206.	2.0	72
17	Value Encounter Modelingâ€"Formalization and Application. Service Science, 2018, 10, 181-194.	1.3	1
18	Structured Shared Spaces as a Basis for Building Business Process Support Systems: A Generic Model and Analysis of Examples. Complex Systems Informatics and Modeling Quarterly, 2018, , 36-60.	0.9	1

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19	Supporting aspect orientation in business process management. Software and Systems Modeling, 2017, 16, 903-925.	2.7	7
20	A fractal enterprise model and its application for business development. Software and Systems Modeling, 2017, 16, 663-689.	2.7	22
21	Special issue on conceptual modeling â€“ 34th International Conference on Conceptual Modeling (ER) Tj ETQq1 1 0.784314 rgBT /Over	3.4	0
22	Open Digital Innovation. Progress in IS, 2017, , .	0.6	3
23	Set Contest Goals. Progress in IS, 2017, , 29-35.	0.6	0
24	Evaluate Contest Contributions. Progress in IS, 2017, , 89-99.	0.6	0
25	Design Contest. Progress in IS, 2017, , 49-63.	0.6	0
26	Develop Contest Platform. Progress in IS, 2017, , 65-72.	0.6	0
27	Monitor Contest. Progress in IS, 2017, , 123-133.	0.6	0
28	Develop Strategy. Progress in IS, 2017, , 101-107.	0.6	0
29	Manage Contest Operations. Progress in IS, 2017, , 79-87.	0.6	0
30	Engage Contest Stakeholders. Progress in IS, 2017, , 37-47.	0.6	0
31	CreatingWorlds with Words: Ontology-guided Conceptual Modeling for Institutional Domains. , 2017, , 169-184.		0
32	Motivate Developers. Progress in IS, 2017, , 73-78.	0.6	0
33	Applying a Template for Best Practice Documentation. Procedia Computer Science, 2015, 72, 252-260.	2.0	5
34	Evaluation of a Classification System for Best Practices. , 2015, , .		0
35	Guest editorsâ€™ introduction: Value modeling and business ontologies. Applied Ontology, 2015, 10, 5-6.	2.0	0
36	The coordination hub: Toward patient-centered and collaborative care processes. Health Informatics Journal, 2015, 21, 284-305.	2.1	1

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37	Accounting for service value - An ontological approach. , 2015, , .		4
38	Towards a Model of Services Based on Cocreation, Abstraction and Rights Distribution. Texts and Monographs in Symbolic Computation, 2015, , 29-44.	0.4	1
39	Is the Public Motivated to Engage in Open Data Innovation?. Lecture Notes in Computer Science, 2014, , 277-288.	1.3	30
40	Contests as innovation intermediaries in open data markets. Information Polity, 2014, 19, 247-262.	0.8	27
41	An Introduction to Design Science. , 2014, , .		193
42	Prioritizing Business Processes Improvement Initiatives: The Seco Tools Case. Lecture Notes in Computer Science, 2014, , 256-270.	1.3	12
43	Do Workflow-Based Systems Satisfy the Demands of the Agile Enterprise of the Future?. Lecture Notes in Business Information Processing, 2013, , 59-64.	1.0	7
44	A contextâ€based process semantic annotation model for a process model repository. Business Process Management Journal, 2013, 19, 404-430.	4.2	11
45	Design Science Research as Movement Between Individual and Generic Situation-Problemâ€“Solution Spaces. , 2013, , 35-61.		22
46	Multi-perspective Business Process Monitoring. Lecture Notes in Business Information Processing, 2013, , 199-213.	1.0	11
47	Towards a Sociomaterial Ontology. Lecture Notes in Computer Science, 2013, , 341-348.	1.3	6
48	Dynamic Weaving in Aspect Oriented Business Process Management. Lecture Notes in Computer Science, 2013, , 2-20.	1.3	18
49	An Approach for E-Service Design Using Enterprise Models. , 2013, , 245-268.		0
50	Using Empirical Knowledge and Studies in the Frame of Design Science Research. Lecture Notes in Computer Science, 2013, , 463-470.	1.3	5
51	A Survey of Process Model Reuse Repositories. Communications in Computer and Information Science, 2012, , 64-76.	0.5	5
52	Resource, Process, and Use â€“ Views on Service Modeling. Lecture Notes in Computer Science, 2012, , 23-33.	1.3	3
53	An Empirical Assessment of the Effect of Context-Based Semantic Annotation on Process Model Discovery. Lecture Notes in Business Information Processing, 2012, , 366-382.	1.0	2
54	An Approach for E-Service Design using Enterprise Models. International Journal of Information System Modeling and Design, 2011, 2, 1-23.	1.1	12

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55	Closing the User-Centric Service Coordination Cycle by Means of Coordination Services. Lecture Notes in Business Information Processing, 2011, , 267-282.	1.0	4
56	Experiences of Using Different Communication Styles in Business Process Support Systems with the Shared Spaces Architecture. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2011, , 299-313.	0.3	4
57	Management Services â€“ A Framework for Design. Lecture Notes in Computer Science, 2011, , 582-596.	1.3	6
58	Towards a Model of Services Based on Co-creation, Abstraction and Restriction. Lecture Notes in Computer Science, 2011, , 476-485.	1.3	5
59	Anchor modeling â€" Agile information modeling in evolving data environments. Data and Knowledge Engineering, 2010, 69, 1229-1253.	3.4	26
60	Combining BPM and social software: contradiction or chance?. Journal of Software: Evolution and Process, 2010, 22, 449-476.	1.1	89
61	Requirements for a Business Process Model Repository: A Stakeholdersâ€™ Perspective. Lecture Notes in Business Information Processing, 2010, , 158-170.	1.0	14
62	A Business Process Metadata Model for a Process Model Repository. Lecture Notes in Business Information Processing, 2010, , 287-300.	1.0	7
63	In Search of the Holy Grail: Integrating Social Software with BPM Experience Report. Lecture Notes in Business Information Processing, 2010, , 1-13.	1.0	10
64	Abstraction, Restriction, and Co-creation: Three Perspectives on Services. Lecture Notes in Computer Science, 2010, , 107-116.	1.3	9
65	Resource Analysis and Classification for Purpose Driven Value Model Design. International Journal of Information System Modeling and Design, 2010, 1, 56-78.	1.1	11
66	Rights and Intentions in Value Modeling. , 2010, , 195-213.		1
67	VALUE DRIVEN KPI DESIGN FOR HEALTH CARE. , 2010, , .		1
68	Value-Based Service Modeling and Design: Toward a Unified View of Services. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2009, , 410-424.	0.3	42
69	Aligning goals and services through goal and business modelling. Information Systems and E-Business Management, 2009, 7, 143-169.	3.7	51
70	On the Alignment of Business Models and Process Models. Lecture Notes in Business Information Processing, 2009, , 68-79.	1.0	8
71	Elicitation of Requirements for a Business Process Model Repository. Lecture Notes in Business Information Processing, 2009, , 44-55.	1.0	4
72	Enterprise Modelling for Value Based Service Analysis. Lecture Notes in Business Information Processing, 2008, , 153-167.	1.0	9

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73	Strategic Analysis Using Value Modeling--The c3-Value Approach. , 2007, , .		24
74	Value and Goal Driven Design of E-Services. , 2007, , .		3
75	Value and Goal Driven Design of E-Services. , 2007, , .		13
76	Value object analysis and the transformation from value model to process model. , 2007, , 55-65.		13
77	The Role of Business Models in Enterprise Modelling. , 2007, , 123-140.		16
78	Introducing the Common Non-Functional Ontology. , 2007, , 633-645.		3
79	Towards a Reference Ontology for Business Models. Lecture Notes in Computer Science, 2006, , 482-496.	1.3	78
80	On the Notion of Value Object. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2006, , 321-335.	0.3	43
81	Design Solutions for Interoperability Using a Process Manager. , 2006, , 397-408.		1
82	Towards a formal definition of goalâ€oriented business process patterns. Business Process Management Journal, 2005, 11, 650-662.	4.2	35
83	A Declarative Foundation of Process Models. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2005, , 233-247.	0.3	32
84	A framework for determining design correctness. Knowledge-Based Systems, 2004, 17, 249-262.	7.1	3
85	A Pattern and Dependency Based Approach to the Design of Process Models. Lecture Notes in Computer Science, 2004, , 724-739.	1.3	8
86	Modelling Institutional, Communicative and Physical Domains in Agent Oriented Information Systems. Lecture Notes in Computer Science, 2004, , 189-205.	1.3	0
87	From first-order logic to automated word generation for Lyee. Knowledge-Based Systems, 2003, 16, 413-429.	7.1	3
88	Reconciling Physical, Communicative, and Social/Institutional Domains in Agent Oriented Information Systems â€“ A Unified Framework. Lecture Notes in Computer Science, 2003, , 180-194.	1.3	4
89	Business Contract Obligation Monitoring through Use of Multi Tier Contract Ontology. Lecture Notes in Computer Science, 2003, , 690-702.	1.3	8
90	Process Patterns to Generate E-commerce Systems. Lecture Notes in Computer Science, 2002, , 417-431.	1.3	0

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91	Design principles for process modelling in enterprise application integration. Information Systems, 2001, 26, 165-184.	3.6	69
92	Collaborative process patterns for e-Business. ACM SIGGROUP Bulletin, 2001, 22, 21-28.	0.4	11
93	The deontic pattern â€“ a framework for domain analysis in information systems design. Data and Knowledge Engineering, 1999, 31, 135-153.	3.4	7
94	Modelling agent communication in a first order logic. Information and Organization, 1998, 8, 5-22.	1.5	2
95	Supporting schema integration by linguistic instruments. Data and Knowledge Engineering, 1997, 21, 165-182.	3.4	11
96	Explaining conceptual models â€” An architecture and design principles. Lecture Notes in Computer Science, 1997, , 215-228.	1.3	4
97	Semantic similarity relations and computation in schema integration. Data and Knowledge Engineering, 1996, 19, 65-97.	3.4	18
98	Representation and communication â€” A speech act based approach to information systems design. Information Systems, 1995, 20, 291-303.	3.6	29
99	Schema standardization as an aid in view integration. Information Systems, 1994, 19, 275-290.	3.6	14
100	Using conceptual graph theory to support schema integration. , 1993, , 283-296.		10
101	Semantic similarity relations in schema integration. Lecture Notes in Computer Science, 1992, , 97-120.	1.3	9