Ryszard Janicki

List of Publications by Year
in descending order

60 papers	601 citations	623734 14 h-index	677142 22 g-index
74 all docs	74 docs citations	74 times ranked	130 citing authors

#	Article	IF	Citations
1	Data repair of density-based data cleaning approach using conditional functional dependencies. Data Technologies and Applications, 2022, 56, 429-446.	1.4	2
2	Relational structures for concurrent behaviours. Theoretical Computer Science, 2021, 862, 174-192.	0.9	3
3	Algebraic Structure of Step Traces and Interval Traces. Fundamenta Informaticae, 2020, 175, 253-280.	0.4	3
4	A novel test-cost-sensitive attribute reduction approach using the binary bat algorithm. Knowledge-Based Systems, 2019, 186, 104938.	7.1	20
5	Operational Semantics, Interval Orders and Sequences of Antichains. Fundamenta Informaticae, 2019, 169, 31-55.	0.4	4
6	Classifying invariant structures of step traces. Journal of Computer and System Sciences, 2019, 104, 297-322.	1.2	7
7	Local Search for Attribute Reduction. Lecture Notes in Computer Science, 2019, , 102-117.	1.3	0
8	Petri Nets: A Simple Language and Tool for Modeling Complex Ideas. , 2019, , 73-77.		0
9	On Interval Semantics of Inhibitor and Activator Nets. Lecture Notes in Computer Science, 2019, , 192-212.	1.3	0
10	Generation and Corruption of Semi-Structured and Structured Data. Lecture Notes in Social Networks, 2019, , 159-169.	0.1	2
11	Interval semantics for Petri nets with inhibitor arcs. Theoretical Computer Science, 2018, 727, 1-23.	0.9	0
12	Finding consistent weights assignment with combined pairwise comparisons. International Journal of Management and Decision Making, 2018, 17, 322.	0.1	2
13	Approximations of arbitrary relations by partial orders. International Journal of Approximate Reasoning, 2018, 98, 177-195.	3.3	6
14	Modeling Operational Semantics with Interval Orders Represented by Sequences of Antichains. Lecture Notes in Computer Science, 2018, , 251-271.	1.3	2
15	Modeling concurrency with interval traces. Information and Computation, 2017, 253, 78-108.	0.7	11
16	Invariant Structures and Dependence Relations. Fundamenta Informaticae, 2017, 155, 1-29.	0.4	3
17	Alphabets of Acyclic Invariant Structures. Fundamenta Informaticae, 2017, 154, 207-224.	0.4	2
18	Step traces. Acta Informatica, 2016, 53, 35-65.	0.5	18

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19	Optimal approximations with Rough Sets and similarities in measure spaces. International Journal of Approximate Reasoning, 2016, 71, 1-14.	3.3	17
20	On Optimal Approximations of Arbitrary Relations by Partial Orders. Lecture Notes in Computer Science, 2016, , 107-119.	1.3	1
21	On Approximation of Relations by Generalized Closures and Generalized Kernels. Lecture Notes in Computer Science, 2016, , 120-130.	1.3	1
22	Characterising Concurrent Histories. Fundamenta Informaticae, 2015, 139, 21-42.	0.4	10
23	On Classification with Pairwise Comparisons, Support Vector Machines and Feature Domain Overlapping. Computer Journal, 2015, 58, 416-431.	2.4	2
24	Order Structures for Subclasses of Generalised Traces. Lecture Notes in Computer Science, 2015, , 689-700.	1.3	2
25	On Interval Process Semantics of Petri Nets with Inhibitor Arcs. Lecture Notes in Computer Science, 2015, , 77-97.	1.3	2
26	On Pairwise Comparisons Based Internal and External Measures for Software Evaluation. , 2013, , .		0
27	Property-Driven Rough Sets Approximations of Relations. Intelligent Systems Reference Library, 2013, , 333-357.	1.2	6
28	On a pairwise comparison-based consistent non-numerical ranking. Logic Journal of the IGPL, 2012, 20, 667-676.	1.5	20
29	Modeling Interval Order Structures with Partially Commutative Monoids. Lecture Notes in Computer Science, 2012, , 425-439.	1.3	4
30	Modelling concurrency with comtraces and generalized comtraces. Information and Computation, 2011, 209, 1355-1389.	0.7	16
31	Approximations of Arbitrary Binary Relations by Partial Orders: Classical and Rough Set Models. Lecture Notes in Computer Science, 2011, , 17-38.	1.3	11
32	Remarks on Pairwise Comparison Numerical and Non-numerical Rankings. Lecture Notes in Computer Science, 2011, , 290-300.	1.3	6
33	Pairwise Comparisons Based Non-Numerical Ranking. Fundamenta Informaticae, 2009, 94, 197-217.	0.4	14
34	Table-based specification techniques. , 2009, , .		3
35	Closure Operators for Order Structures. Lecture Notes in Computer Science, 2009, , 217-229.	1.3	0
36	Relational structures model of concurrency. Acta Informatica, 2008, 45, 279-320.	0.5	20

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37	A Categorical Approach to Mereology and Its Application to Modelling Software Components. Transactions on Rough Sets, 2008, , 146-174.	1.1	2
38	Modelling Concurrency with Quotient Monoids. Lecture Notes in Computer Science, 2008, , 251-269.	1.3	4
39	Ranking with Partial Orders and Pairwise Comparisons. , 2008, , 442-451.		9
40	On a Parthood Specification Method for Component Software. Lecture Notes in Computer Science, 2006, , 537-546.	1.3	1
41	Basic Mereology with Equivalence Relations. Lecture Notes in Computer Science, 2005, , 507-519.	1.3	2
42	A Generalisation of a Relational Structures Model of Concurrency. Lecture Notes in Computer Science, 2005, , 84-98.	1.3	1
43	On a Mereological System for Relational Software Specifications. Lecture Notes in Computer Science, 2002, , 375-386.	1.3	4
44	Modelling Concurrent Behaviours by Commutativity and Weak Causality Relations*. Lecture Notes in Computer Science, 2002, , 178-191.	1.3	7
45	Towards a Mereological System for Direct Products and Relations. Lecture Notes in Computer Science, 2002, , 113-122.	1.3	4
46	On a formal semantics of tabular expressions. Science of Computer Programming, 2001, 39, 189-213.	1.9	35
47	On Causality Semantics of Nets with Priorities. Fundamenta Informaticae, 1999, 38, 223-255.	0.4	14
48	A weak order solution to a group ranking and consistency-driven pairwise comparisons. Applied Mathematics and Computation, 1998, 94, 227-241.	2.2	10
49	Fundamentals of modelling concurrency using discrete relational structures. Acta Informatica, 1997, 34, 367-388.	0.5	33
50	Towards a formal semantics of Parnas tables. , 1995, , .		25
51	Deriving histories of nets with priority relation. Lecture Notes in Computer Science, 1994, , 623-634.	1.3	2
52	Structure of concurrency. Theoretical Computer Science, 1993, 112, 5-52.	0.9	74
53	Order structures and generalisations of Szpilrajn's theorem. Lecture Notes in Computer Science, 1993, , 348-357.	1.3	6
54	Invariants and paradigms of concurrency theory. Future Generation Computer Systems, 1992, 8, 423-435.	7.5	6

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55	Invariants and paradigms of concurrency theory. Lecture Notes in Computer Science, 1991, , 59-74.	1.3	24
56	Invariant semantics of nets with inhibitor arcs. Lecture Notes in Computer Science, 1991, , 317-331.	1.3	25
57	Invariants and Paradigms of Concurrency Theory. Lecture Notes in Computer Science, 1991, , 481-496.	1.3	2
58	A formal semantics for concurrent systems with a priority relation. Acta Informatica, 1987, 24, 33-55.	0.5	30
59	On equivalent execution semantics of concurrent systems. Lecture Notes in Computer Science, 1987, , 89-103.	1.3	1
60	Concurrent and maximally concurrent evolution of nonsequential systems. Theoretical Computer Science, 1986, 43, 213-238.	0.9	40