JiÅÃ- MoÄkoÅ

List of Publications by Year
in descending order

Version: 2024-02-01

51 papers	963 citations	933447 10 h-index	996975 15 g-index
54 all docs	54 docs citations	54 times ranked	380 citing authors

#	Article	IF	Citations
1	SECOI: an application based on fuzzy soft sets for producing selective-colored images. Soft Computing, 2022, 26, 8845-8855.	3.6	2
2	Rough Semiring-Valued Fuzzy Sets with Application. Mathematics, 2022, 10, 2274.	2.2	5
3	Relational, closure and partition powerset theories. Fuzzy Sets and Systems, 2021, 420, 100-122.	2.7	0
4	How the F-Transform Can Be Defined forÂHesitant, Soft or Intuitionistic FuzzyÂSets?. Lecture Notes in Computer Science, 2021, , 106-117.	1.3	0
5	Monadic Automata with Relational Morphisms. Advances in Intelligent Systems and Computing, 2021, , 118-125.	0.6	1
6	On Unification of Methods in Theories of Fuzzy Sets, Hesitant Fuzzy Set, Fuzzy Soft Sets and Intuitionistic Fuzzy Sets. Mathematics, 2021, 9, 447.	2.2	13
7	Approximations of fuzzy soft sets by fuzzy soft relations with image processing application. Soft Computing, 2021, 25, 6915-6925.	3.6	19
8	Semiring-Valued Fuzzy Sets and F-Transform. Mathematics, 2021, 9, 3107.	2.2	7
9	Fuzzy Transforms for Hesitant, Soft or Intuitionistic Fuzzy Sets. International Journal of Computational Intelligence Systems, 2021, 14, .	2.7	3
10	Functors among Relational Variants of Categories Related to L-Fuzzy Partitions, L-Fuzzy Pretopological Spaces and L-Fuzzy Closure Spaces. Axioms, 2020, 9, 63.	1.9	6
11	Relational Variants of Lattice-Valued F-Transforms. Axioms, 2020, 9, 1.	1.9	9
12	Powerset Theory of Fuzzy Soft Sets. International Journal of Fuzzy Logic and Intelligent Systems, 2020, 20, 298-315.	1.1	4
13	On the Relationship Among Relational Categories of Fuzzy Topological Structures. Communications in Computer and Information Science, 2020, , 189-197.	0.5	1
14	F-transforms and semimodule homomorphisms. Soft Computing, 2019, 23, 7603-7619.	3.6	9
15	Functors Among Categories of L-fuzzy Partitions, L-fuzzy Pretopological Spaces and L-fuzzy Closure Spaces. Advances in Intelligent Systems and Computing, 2019, , 382-393.	0.6	1
16	Monads and a common framework for fuzzy type automata. International Journal of General Systems, 2019, 48, 406-442.	2.5	7
17	Any F-Transform Is Defined by a Powerset Theory. Lecture Notes in Computer Science, 2019, , 55-66.	1.3	0
18	Lattice-valued F-transforms and similarity relations. Fuzzy Sets and Systems, 2018, 342, 67-89.	2.7	12

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19	Axiomatic of lattice-valued F-transform. Fuzzy Sets and Systems, 2018, 342, 53-66.	2.7	12
20	Some Examples of Relations Between F-Transforms and Powerset Theories. Communications in Computer and Information Science, 2018, , 72-83.	0.5	2
21	Axiomatic of Inverse Lattice-Valued F-transform. Communications in Computer and Information Science, 2018, , 115-126.	0.5	0
22	Spaces with fuzzy partitions and fuzzy transform. Soft Computing, 2017, 21, 3479-3492.	3.6	18
23	Fuzzy objects in spaces with fuzzy partitions. Soft Computing, 2017, 21, 7269-7284.	3.6	19
24	Extension principles for closure operators on fuzzy sets and cuts. Fuzzy Sets and Systems, 2016, 294, 79-92.	2.7	1
25	Fuzzy logic interpretations in categories of fuzzy objects. Journal of Fuzzy Set Valued Analysis, 2016, 2016, 63-74.	0.2	1
26	Fuzzy objects and closure operators. , 2015, , .		0
27	Completions of cut systems in $$ Q$$ Q -sets. Soft Computing, 2014, 18, 839-847.	3.6	0
28	Isomorphisms and functors of fuzzy sets and cut systems. Soft Computing, 2014, 18, 1237-1245.	3.6	1
29	Reflective categories of cut systems and fuzzy sets in Ω-sets. , 2013, , .		0
30	Î±-Cuts and models of fuzzy logic. International Journal of General Systems, 2013, 42, 67-78.	2.5	6
31	Isomorphisms of Fuzzy Sets and Cut Systems. Lecture Notes in Computer Science, 2013, , 385-392.	1.3	0
32	Fuzzy sets and cut systems in a category of sets with similarity relations. Soft Computing, 2012, 16, 101-107.	3.6	13
33	Cut systems in sets with similarity relations. Fuzzy Sets and Systems, 2010, 161, 3127-3140.	2.7	14
34	Constructions of fuzzy logic models in categories of sets with similarities. International Journal of General Systems, 2010, 39, 217-233.	2.5	1
35	Fuzzy logic models in a category of fuzzy relations. Soft Computing, 2009, 13, 591-596.	3.6	2
36	Fuzzy logic models in a category of sets with similarities. , 2008, , .		1

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37	Extensional subobjects in categories of Î©-fuzzy sets. Czechoslovak Mathematical Journal, 2007, 57, 631-645.	0.3	6
38	Characteristic Morphisms and Models of Fuzzy Logic in a Category of Sets with Similarities. , 2007, , 832-840.		1
39	Fuzzy Sets in Categories of Sets with Similarity Relations. , 2006, , 677-682.		5
40	Compatible elements in partly ordered groups. International Journal of Mathematics and Mathematical Sciences, 2005, 2005, 4041-4048.	0.7	0
41	Complete Subobjects of Fuzzy Sets Over MV-Algebras. Czechoslovak Mathematical Journal, 2004, 54, 379-392.	0.3	5
42	Semigroup homomorphisms and fuzzy automata. Soft Computing, 2002, 6, 422-427.	3.6	11
43	Topological characterizations of ordered groups with quasi-divisor theory. Czechoslovak Mathematical Journal, 2002, 52, 595-607.	0.3	0
44	Construction of po-groups with quasi-divisors theory. Czechoslovak Mathematical Journal, 2000, 50, 197-207.	0.3	0
45	Ordered groups with greatest common divisors theory. International Journal of Mathematics and Mathematical Sciences, 2000, 24, 469-479.	0.7	0
46	Mathematical Principles of Fuzzy Logic. , 1999, , .		673
47	Fuzzy and non-deterministic automata. Soft Computing, 1999, 3, 221-226.	3.6	33
48	t-valuations and the theory of quasi-divisors. Journal of Pure and Applied Algebra, 1997, 120, 51-65.	0.6	2
49	Some remarks on Lorenzen r-group of partly ordered groups. Czechoslovak Mathematical Journal, 1996, 46, 537-552.	0.3	3
50	Quasi-divisor theories and generalizations of Krull domains. Journal of Pure and Applied Algebra, 1995, 102, 289-311.	0.6	7
51	A CATEGORY OF FUZZY AUTOMATA. International Journal of General Systems, 1991, 20, 73-82.	2.5	27