

Mustafa Demirci

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6811491/publications.pdf>

Version: 2024-02-01

33
papers

601
citations

566801

15
h-index

610482

24
g-index

33
all docs

33
docs citations

33
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	Fuzzy functions and their fundamental properties. Fuzzy Sets and Systems, 1999, 106, 239-246.	1.6	87
2	Foundations of fuzzy functions and vague algebra based on many-valued equivalence relations, part I: fuzzy functions and their applications. International Journal of General Systems, 2003, 32, 123-155.	1.2	58
3	Fuzzy Functions and Their Applications. Journal of Mathematical Analysis and Applications, 2000, 252, 495-517.	0.5	54
4	A theory of vague lattices based on many-valued equivalence relations: general representation results. Fuzzy Sets and Systems, 2005, 151, 437-472.	1.6	54
5	Vague Groups. Journal of Mathematical Analysis and Applications, 1999, 230, 142-156.	0.5	43
6	FUNDAMENTALS OF M-VAGUE ALGEBRA AND M-VAGUE ARITHMETIC OPERATIONS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2002, 10, 25-75.	0.9	39
7	A theory of vague lattices based on many-valued equivalence relations: complete lattices. Fuzzy Sets and Systems, 2005, 151, 473-489.	1.6	31
8	Foundations of fuzzy functions and vague algebra based on many-valued equivalence relations, part III: constructions of vague algebraic notions and vague arithmetic operations. International Journal of General Systems, 2003, 32, 177-201.	1.2	24
9	The order-theoretic duality and relations between partial metrics and local equalities. Fuzzy Sets and Systems, 2012, 192, 45-57.	1.6	21
10	Foundations of fuzzy functions and vague algebra based on many-valued equivalence relations, part II: vague algebraic notions. International Journal of General Systems, 2003, 32, 157-175.	1.2	19
11	On Many-Valued Partitions and Many-Valued Equivalence Relations. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2003, 11, 235-253.	0.9	19
12	Pointed semi-quantales and lattice-valued topological spaces. Fuzzy Sets and Systems, 2010, 161, 1224-1241.	1.6	18
13	An introduction to vague complemented ordered sets. Information Sciences, 2007, 177, 150-160.	4.0	16
14	Topological properties of the class of generators of an indistinguishability operator. Fuzzy Sets and Systems, 2004, 143, 413-426.	1.6	15
15	STRICT FUZZY ORDERINGS WITH A GIVEN CONTEXT OF SIMILARITY. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2008, 16, 147-178.	0.9	15
16	Representations of the Extensions of Many-Valued Equivalence Relations. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2003, 11, 319-341.	0.9	10
17	Fundamental duality of abstract categories and its applications. Fuzzy Sets and Systems, 2014, 256, 73-94.	1.6	10
18	Indistinguishability operators in measurement theory, Part I: Conversions of indistinguishability operators with respect to scales. International Journal of General Systems, 2003, 32, 415-430.	1.2	8

#	ARTICLE	IF	CITATIONS
19	Indistinguishability operators in measurement theory, Part II: Construction of indistinguishability operators based on probability distributions. <i>International Journal of General Systems</i> , 2003, 32, 431-458.	1.2	8
20	GENUINE SETS, VARIOUS KINDS OF FUZZY SETS AND FUZZY ROUGH SETS. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2003, 11, 467-494.	0.9	8
21	ON THE CONVERGENCE STRUCTURE OF L-TOPOLOGICAL SPACES AND THE CONTINUITY IN L-TOPOLOGICAL SPACES. <i>New Mathematics and Natural Computation</i> , 2007, 03, 1-25.	0.4	7
22	Non-existence of non-trivial L-algebras containing field structure in the sense of BeĀılohlĀıvek and an open question. <i>Fuzzy Sets and Systems</i> , 2006, 157, 202-204.	1.6	5
23	$\{\text{oldsymbol}(\text{oldsymbol}\{\mathcal{Z}\}_{f 1}, \text{oldsymbol}\{\mathcal{Z}\}_{f 2}\{\text{oldsymbol}\})\}$ -Complete Partially Ordered Sets and Their Representations by $\{\text{oldsymbol}\{\mathcal{Q}\}\}$ -Spaces. <i>Applied Categorical Structures</i> , 2013, 21, 703-723.	0.2	5
24	Category-theoretic fuzzy topological spaces and their dualities. <i>Fuzzy Sets and Systems</i> , 2013, 227, 1-24.	1.6	5
25	L-equivalence relations on L-fuzzy sets, L-partitions of L-fuzzy sets and their one-to-one connections. <i>International Journal of Approximate Reasoning</i> , 2019, 111, 21-34.	1.9	4
26	Partially ordered fuzzy power set monads on the category of L-sets and their associated categories of topological space objects. <i>Fuzzy Sets and Systems</i> , 2023, 460, 1-32.	1.6	4
27	The generalized associative law in vague groups and its applicationsĀıll. <i>Information Sciences</i> , 2006, 176, 1488-1530.	4.0	3
28	Stratified categorical fixed-basis fuzzy topological spaces and their duality. <i>Fuzzy Sets and Systems</i> , 2015, 267, 1-17.	1.6	3
29	Many valued topologies on L-sets. <i>Fuzzy Sets and Systems</i> , 2022, 437, 97-113.	1.6	3
30	Products of elements in vague semigroups and their implementations in vague arithmetic. <i>Fuzzy Sets and Systems</i> , 2005, 156, 93-123.	1.6	2
31	On the representations of L-equivalence relations on L-fuzzy sets with applications to locally vague environments. <i>International Journal of General Systems</i> , 2020, 49, 334-354.	1.2	2
32	The generalized associative law in smooth groups. <i>Information Sciences</i> , 2005, 169, 227-244.	4.0	1
33	Observability in locally vague environments. <i>International Journal of Approximate Reasoning</i> , 2021, 128, 20-31.	1.9	0