

# Tapan Senapati

## List of Publications by Year in descending order

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53  
papers

2,146  
citations

331259

21  
h-index

233125

45  
g-index

53  
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53  
docs citations

53  
times ranked

470  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dual Hesitant Fuzzy Sets-Based Methodology for Advantage Prioritization of Zero-Emission Last-Mile Delivery Solutions for Sustainable City Logistics. <i>IEEE Transactions on Fuzzy Systems</i> , 2023, 31, 407-420.	6.5	27
2	An extended MABAC method based on prospect theory with unknown weight information under Fermatean fuzzy environment for risk investment assessment in B&R. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 13067-13096.	3.3	23
3	Aczelâ€“Alsina aggregation operators and their application to intuitionistic fuzzy multiple attribute decision making. <i>International Journal of Intelligent Systems</i> , 2022, 37, 1529-1551.	3.3	108
4	Novel Aczelâ€“Alsina operationsâ€“based intervalâ€“valued intuitionistic fuzzy aggregation operators and their applications in multiple attribute decisionâ€“making process. <i>International Journal of Intelligent Systems</i> , 2022, 37, 5059-5081.	3.3	69
5	Approaches to multi-attribute decision-making based on picture fuzzy Aczelâ€“Alsina average aggregation operators. <i>Computational and Applied Mathematics</i> , 2022, 41, 1.	1.0	61
6	Novel Aczelâ€“Alsina operations-based hesitant fuzzy aggregation operators and their applications in cyclone disaster assessment. <i>International Journal of General Systems</i> , 2022, 51, 511-546.	1.2	36
7	Picture fuzzy WASPAS technique and its application in multi-criteria decision-making. <i>Soft Computing</i> , 2022, 26, 4413-4421.	2.1	32
8	Aggregation on lattices isomorphic to the lattice of closed subintervals of the real unit interval. <i>Fuzzy Sets and Systems</i> , 2022, 441, 262-278.	1.6	6
9	Optimization of Data Distributed Network System under Uncertainty. <i>Discrete Dynamics in Nature and Society</i> , 2022, 2022, 1-12.	0.5	4
10	Modified Floydâ€“Warshallâ€™s Algorithm for Maximum Connectivity in Wireless Sensor Networks under Uncertainty. <i>Discrete Dynamics in Nature and Society</i> , 2022, 2022, 1-11.	0.5	7
11	Fermatean fuzzy copula aggregation operators and similarity measures-based complex proportional assessment approach for renewable energy source selection. <i>Complex &amp; Intelligent Systems</i> , 2022, 8, 5223-5248.	4.0	22
12	Analysis of Interval-Valued Intuitionistic Fuzzy Aczelâ€“Alsina Geometric Aggregation Operators and Their Application to Multiple Attribute Decision-Making. <i>Axioms</i> , 2022, 11, 258.	0.9	32
13	Cubic Intuitionistic Implicative Ideals of BCK-Algebras. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2021, 91, 273-282.	0.8	10
14	Cubic intuitionistic WASPAS technique and its application in multi-criteria decision-making. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021, 12, 8823-8833.	3.3	21
15	Some novel interval-valued Pythagorean fuzzy aggregation operator based on Hamacher triangular norms and their application in MADM issues. <i>Computational and Applied Mathematics</i> , 2021, 40, 1.	1.0	26
16	Hybridizations of generalized Dombi operators and Bonferroni mean operators under dual probabilistic linguistic environment for group decisionâ€“making. <i>International Journal of Intelligent Systems</i> , 2021, 36, 6645-6679.	3.3	33
17	Extension of capital budgeting techniques using interval-valued Fermatean fuzzy sets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021, 42, 365-376.	0.8	29
18	Cubic intuitionistic structure of KU-algebras. <i>Afrika Matematika</i> , 2020, 31, 237-248.	0.4	9

#	ARTICLE	IF	CITATIONS
19	Fermatean fuzzy sets. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020, 11, 663-674.	3.3	468
20	Different types of cubic ideals in BCI-algebras based on fuzzy points. <i>Afrika Matematika</i> , 2020, 31, 367-381.	0.4	9
21	A novel approach to hesitant multi-fuzzy soft set based decision-making. <i>AIMS Mathematics</i> , 2020, 5, 1985-2008.	0.7	24
22	Bipolar Fuzzy Structure of H-Ideals in BCI-Algebras. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2020, , 174-190.	0.2	1
23	Interval-Valued Fuzzy H-Ideals on $\tilde{Y}$ -Algebra. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2020, , 244-274.	0.2	0
24	Pythagorean fuzzy Dombi aggregation operators and its applications in multiple attribute decision-making. <i>International Journal of Intelligent Systems</i> , 2019, 34, 2019-2038.	3.3	98
25	Fermatean fuzzy weighted averaging/geometric operators and its application in multi-criteria decision-making methods. <i>Engineering Applications of Artificial Intelligence</i> , 2019, 85, 112-121.	4.3	255
26	Cubic intuitionistic subalgebras and closed cubic intuitionistic ideals of B-algebras. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 1563-1571.	0.8	9
27	Bipolar fuzzy soft subalgebras and ideals of BCK/BCI-algebras based on bipolar fuzzy points. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 37, 2785-2795.	0.8	15
28	Atanassov's interval-valued intuitionistic fuzzy set theory applied in KU-subalgebras. <i>Discrete Mathematics, Algorithms and Applications</i> , 2019, 11, 1950023.	0.4	4
29	Picture fuzzy Dombi aggregation operators: Application to MADM process. <i>Applied Soft Computing Journal</i> , 2019, 74, 99-109.	4.1	236
30	Some New Operations Over Fermatean Fuzzy Numbers and Application of Fermatean Fuzzy WPM in Multiple Criteria Decision Making. <i>Informatica</i> , 2019, 30, 391-412.	1.5	179
31	Cubic Intuitionistic Structures Applied to Ideals of $\langle i \rangle$ BCI-Algebras. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2019, 27, 213-232.	0.1	25
32	T-fuzzy KU-ideals of KU-algebras. <i>Afrika Matematika</i> , 2018, 29, 591-600.	0.4	4
33	Cubic Intuitionistic q-Ideals of BCI-Algebras. <i>Symmetry</i> , 2018, 10, 752.	1.1	9
34	Characterization of intuitionistic fuzzy $\langle i \rangle$ BG-subalgebras of $\langle i \rangle$ BG-algebras. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2018, 21, 1549-1558.	0.5	3
35	Cubic set structure applied in $\langle i \rangle$ UP-algebras. <i>Discrete Mathematics, Algorithms and Applications</i> , 2018, 10, 1850049.	0.4	23
36	Cubic Commutative Ideals of $\$BCK\$$ -algebras. <i>Missouri Journal of Mathematical Sciences</i> , 2018, 30, .	0.3	11

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37	Cubic Implicative Ideals of $BCK$ -algebras. Missouri Journal of Mathematical Sciences, 2017, 29, .	0.3	16
38	$\tau$ -derivations on complicated subtraction algebras. Journal of Discrete Mathematical Sciences and Cryptography, 2017, 20, 1583-1595.	0.5	6
39	Atanassov's Intuitionistic Fuzzy Bi-Normed KU-Subalgebras of a KU-Algebra. Missouri Journal of Mathematical Sciences, 2017, 29, .	0.3	10
40	On Bipolar Fuzzy B-Subalgebras of B-Algebras. Advances in Computational Intelligence and Robotics Book Series, 2017, , 254-267.	0.4	0
41	Atanassov's intuitionistic fuzzy bi-normed KU-ideals of a KU-algebra. Journal of Intelligent and Fuzzy Systems, 2016, 30, 1169-1180.	0.8	11
42	$(\tilde{a}, \tilde{a}^{\sim})$ -intuitionistic fuzzy BCI-subalgebras of a BCI-algebra. Journal of Intelligent and Fuzzy Systems, 2016, 31, 613-621.	0.8	14
43	Triangular norm based fuzzy $BG$ -algebras. Afrika Matematika, 2016, 27, 187-199.	0.4	11
44	Derivation, f-derivation and generalized derivation of KUS-algebras. Cogent Mathematics, 2015, 2, 1064602.	0.4	6
45	Translations of Intuitionistic Fuzzy $B$ -algebras. Fuzzy Information and Engineering, 2015, 7, 389-404.	1.0	6
46	Cubic Subalgebras and Cubic Closed Ideals of $B$ -algebras. Fuzzy Information and Engineering, 2015, 7, 129-149.	1.0	36
47	On Intuitionistic Fuzzy $G$ -subalgebras of $G$ -algebras. Fuzzy Information and Engineering, 2015, 7, 195-209.	1.0	18
48	L-fuzzy $G$ -subalgebras of $G$ -algebras. Journal of the Egyptian Mathematical Society, 2015, 23, 219-223.	0.6	16
49	Fuzzy Dot Structure of $BG$ -algebras. Fuzzy Information and Engineering, 2014, 6, 315-329.	1.0	16
50	Intuitionistic $L$ -fuzzy ideals of $BG$ -algebras. Afrika Matematika, 2014, 25, 577-590.	0.4	18
51	Interval-Valued Intuitionistic Fuzzy Closed Ideals Of $Bg$ -Algebra And Their Products. International Journal of Fuzzy Logic Systems, 2012, 2, 27-44.	0.2	11
52	FUZZY TRANSLATIONS OF FUZZY H-IDEALS IN $BCK/BCI$ -ALGEBRAS. Journal of the Indonesian Mathematical Society, 0, , 45-58.	0.1	13
53	Fuzzy B-subalgebras of B-algebra with Respect to t-norm. Journal of Fuzzy Set Valued Analysis, 0, 2012, 1-11.	0.2	10