

# Xiaohong Zhang

## List of Publications by Year in Descending Order

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**Version:** 2024-04-17

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38  
papers

663  
citations

15  
h-index

25  
g-index

40  
ext. papers

777  
ext. citations

3.7  
avg. IF

5.13  
L-index

#	Paper	IF	Citations
38	Transposition Regular AG-Groupoids and Their Decomposition Theorems. <i>Mathematics</i> , <b>2022</b> , 10, 1396	2.3	0
37	Interval-Valued Pseudo Overlap Functions and Application. <i>Axioms</i> , <b>2022</b> , 11, 216	1.6	0
36	Optimal Condition-based Opportunistic Maintenance and Spare Parts Provisioning for a Two-unit System using a State Space Partitioning Approach. <i>Reliability Engineering and System Safety</i> , <b>2021</b> , 209, 107451	6.3	6
35	A new hesitant fuzzy linguistic approach for multiple attribute decision making based on Dempster-Shafer evidence theory. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 86, 105897	7.5	28
34	Filters in Strong BI-Algebras and Residuated Pseudo-SBI-Algebras. <i>Mathematics</i> , <b>2020</b> , 8, 1513	2.3	2
33	Joint external and internal opportunistic optimisation for wind turbine considering wind velocity. <i>Renewable Energy</i> , <b>2020</b> , 159, 380-398	8.1	0
32	Lessee's Satisfaction and optimal condition-based maintenance policy for leased system. <i>Reliability Engineering and System Safety</i> , <b>2019</b> , 191, 106532	6.3	8
31	Involution Abel Grassmann Groups and Filter Theory of Abel Grassmann Groups. <i>Symmetry</i> , <b>2019</b> , 11, 553	2.7	2
30	Multi-Attribute Decision Making Based on Probabilistic Neutrosophic Hesitant Fuzzy Choquet Aggregation Operators. <i>Symmetry</i> , <b>2019</b> , 11, 623	2.7	9
29	A Multicriteria Decision-Making Approach with Linguistic D Numbers Based on the Choquet Integral. <i>Cognitive Computation</i> , <b>2019</b> , 11, 560-575	4.4	22
28	On Two Conjectures of Abel Grassmann Groupoids. <i>Symmetry</i> , <b>2019</b> , 11, 816	2.7	2
27	Matrix approaches for some issues about minimal and maximal descriptions in covering-based rough sets. <i>International Journal of Approximate Reasoning</i> , <b>2019</b> , 104, 126-143	3.6	13
26	Singular neutrosophic extended triplet groups and generalized groups. <i>Cognitive Systems Research</i> , <b>2019</b> , 57, 32-40	4.8	22
25	Some intuitionistic uncertain linguistic Bonferroni mean operators and their application to group decision making. <i>Soft Computing</i> , <b>2019</b> , 23, 3869-3886	3.5	9
24	A Novel Picture Fuzzy Linguistic Aggregation Operator and Its Application to Group Decision-making. <i>Cognitive Computation</i> , <b>2018</b> , 10, 242-259	4.4	51
23	Some Maclaurin Symmetric Mean Operators for Single-Valued Trapezoidal Neutrosophic Numbers and Their Applications to Group Decision Making. <i>International Journal of Fuzzy Systems</i> , <b>2018</b> , 20, 45-61	3.6	28
22	Single-Valued Neutrosophic Hesitant Fuzzy Choquet Aggregation Operators for Multi-Attribute Decision Making. <i>Symmetry</i> , <b>2018</b> , 10, 50	2.7	15

21	Generalized Interval Neutrosophic Choquet Aggregation Operators and Their Applications. <i>Symmetry</i> , <b>2018</b> , 10, 85	2.7	10
20	Neutrosophic Hesitant Fuzzy Subalgebras and Filters in Pseudo-BCI Algebras. <i>Symmetry</i> , <b>2018</b> , 10, 174	2.7	5
19	New Operations of Totally Dependent-Neutrosophic Sets and Totally Dependent-Neutrosophic Soft Sets. <i>Symmetry</i> , <b>2018</b> , 10, 187	2.7	47
18	Left (Right)-Quasi Neutrosophic Triplet Loops (Groups) and Generalized BE-Algebras. <i>Symmetry</i> , <b>2018</b> , 10, 241	2.7	12
17	Q-Filters of Quantum B-Algebras and Basic Implication Algebras. <i>Symmetry</i> , <b>2018</b> , 10, 573	2.7	26
16	New Multigranulation Neutrosophic Rough Set with Applications. <i>Symmetry</i> , <b>2018</b> , 10, 578	2.7	3
15	Approach to Multi-Attributes Decision Making With Intuitionistic Linguistic Information Based on Dempster-Shafer Evidence Theory. <i>IEEE Access</i> , <b>2018</b> , 6, 52969-52981	3.5	47
14	Probabilistic Single-Valued (Interval) Neutrosophic Hesitant Fuzzy Set and Its Application in Multi-Attribute Decision Making. <i>Symmetry</i> , <b>2018</b> , 10, 419	2.7	15
13	New Similarity Measures of Single-Valued Neutrosophic Multisets Based on the Decomposition Theorem and Its Application in Medical Diagnosis. <i>Symmetry</i> , <b>2018</b> , 10, 466	2.7	5
12	On Homomorphism Theorem for Perfect Neutrosophic Extended Triplet Groups. <i>Information (Switzerland)</i> , <b>2018</b> , 9, 237	2.6	3
11	The Structure Theorems of Pseudo-BCI Algebras in Which Every Element is Quasi-Maximal. <i>Symmetry</i> , <b>2018</b> , 10, 465	2.7	2
10	On Neutrosophic Triplet Groups: Basic Properties, NT-Subgroups, and Some Notes. <i>Symmetry</i> , <b>2018</b> , 10, 289	2.7	23
9	Multi-Granulation Neutrosophic Rough Sets on a Single Domain and Dual Domains with Applications. <i>Symmetry</i> , <b>2018</b> , 10, 296	2.7	9
8	Joint optimization of condition-based opportunistic maintenance and spare parts provisioning policy in multiunit systems. <i>European Journal of Operational Research</i> , <b>2017</b> , 262, 479-498	5.6	51
7	New Operations of Picture Fuzzy Relations and Fuzzy Comprehensive Evaluation. <i>Symmetry</i> , <b>2017</b> , 9, 268	2.7	23
6	Constructive methods of rough approximation operators and multigranulation rough sets. <i>Knowledge-Based Systems</i> , <b>2016</b> , 91, 114-125	7.3	93
5	A general modeling method for opportunistic maintenance modeling of multi-unit systems. <i>Reliability Engineering and System Safety</i> , <b>2015</b> , 140, 176-190	6.3	36
4	Deterioration state space partitioning method for opportunistic maintenance modelling of identical multi-unit systems. <i>International Journal of Production Research</i> , <b>2015</b> , 53, 2100-2118	7.8	30

3	Permanence and Extinction for a Nonautonomous Malaria Transmission Model with Distributed Time Delay. <i>Journal of Applied Mathematics</i> , <b>2014</b> , 2014, 1-15	1.1	1
2	Joint decision of condition-based opportunistic maintenance and scheduling for multi-component production systems. <i>International Journal of Production Research</i> ,1-21	7.8	3
1	Q-residuated lattices and lattice pseudoeffect algebras. <i>Soft Computing</i> ,1	3.5	0