Nasruddin Hassan

List of Publications by Year
in descending order

115 papers	1,636 citations	304368 22 h-index	395343 33 g-index
115 all docs	115 docs citations	115 times ranked	617 citing authors

#	Article	IF	Citations
1	T-Spherical Fuzzy Power Muirhead Mean Operator Based on Novel Operational Laws and Their Application in Multi-Attribute Group Decision Making. IEEE Access, 2019, 7, 22613-22632.	2.6	93
2	Evaluation of Investment Policy Based on Multi-Attribute Decision-Making Using Interval Valued T-Spherical Fuzzy Aggregation Operators. Symmetry, 2019, 11, 357.	1.1	91
3	Possibility Fuzzy Soft Set. Advances in Decision Sciences, 2011, 2011, 1-18.	1.4	86
4	T-spherical fuzzy power aggregation operators and their applications in multi-attribute decision making. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 9067-9080.	3.3	70
5	Operations on complex multi-fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2017, 33, 1527-1540.	0.8	44
6	Complex Multi-Fuzzy Soft Set: Its Entropy and Similarity Measure. IEEE Access, 2018, 6, 65002-65017.	2.6	42
7	Fuzzy Soft Expert System in Prediction of Coronary Artery Disease. International Journal of Fuzzy Systems, 2017, 19, 1546-1559.	2.3	38
8	Neutrosophic vague soft expert set theory. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3691-3702.	0.8	37
9	Q-Neutrosophic Soft Relation and Its Application in Decision Making. Entropy, 2018, 20, 172.	1.1	34
10	Multi Q-fuzzy parameterized soft set and its application. Journal of Intelligent and Fuzzy Systems, 2014, 27, 419-424.	0.8	33
11	Interval-Valued Vague Soft Sets and Its Application. Advances in Fuzzy Systems, 2012, 2012, 1-7.	0.6	31
12	Vague soft expert set theory. AIP Conference Proceedings, 2013, , .	0.3	29
13	Multi Q-fuzzy soft expert set and its application. Journal of Intelligent and Fuzzy Systems, 2016, 30, 943-950.	0.8	29
14	Bipolar fuzzy soft expert set and its application in decision making. International Journal of Applied Decision Sciences, 2017, 10, 175.	0.2	29
15	The complex neutrosophic soft expert set and its application in decision making. Journal of Intelligent and Fuzzy Systems, 2018, 34, 569-582.	0.8	28
16	Group Decision-Making Using Complex q-Rung Orthopair Fuzzy Bonferroni Mean. International Journal of Computational Intelligence Systems, 2020, 13, 822.	1.6	28
17	A hybrid of adaptive neuro-fuzzy inference system and genetic algorithm. Journal of Intelligent and Fuzzy Systems, 2013, 25, 793-796.	0.8	27
18	VAGUE SOFT MULTISET THEORY. International Journal of Pure and Applied Mathematics, 2014, 93, .	0.2	26

#	Article	IF	Citations
19	Multiparameterized Soft Set. Journal of Mathematics and Statistics, 2012, 8, 92-97.	0.2	25
20	Vague soft set relations and functions. Journal of Intelligent and Fuzzy Systems, 2015, 28, 1205-1212.	0.8	25
21	Triangular Cubic Hesitant Fuzzy Einstein Hybrid Weighted Averaging Operator and Its Application to Decision Making. Symmetry, 2018, 10, 658.	1.1	24
22	Unravelling the Fuzzy Effect of Economic, Social and Environmental Sustainability on the Corporate Reputation of Public-Sector Organizations: A Case Study of Pakistan. Sustainability, 2018, 10, 769.	1.6	24
23	An Approach toward a Q-Neutrosophic Soft Set and Its Application in Decision Making. Symmetry, 2019, 11, 139.	1.1	24
24	Q-fuzzy soft matrix and its application. AIP Conference Proceedings, 2014, , .	0.3	23
25	The Complex Neutrosophic Soft Expert Relation and Its Multiple Attribute Decision-Making Method. Entropy, 2018, 20, 101.	1.1	23
26	Neurogenetic Algorithm for Solving Combinatorial Engineering Problems. Journal of Applied Mathematics, 2012, 2012, 1-12.	0.4	22
27	Generalized Neutrosophic Soft Expert Set for Multiple-Criteria Decision-Making. Symmetry, 2018, 10, 437.	1.1	22
28	Entropy, Measures of Distance and Similarity of Q-Neutrosophic Soft Sets and Some Applications. Entropy, 2018, 20, 672.	1.1	21
29	Properties on the multi Q-fuzzy soft matrix. , 2014, , .		20
30	The Effect of Project Management Capabilities on Project Success in Pakistan: An Empirical Investigation. IEEE Access, 2019, 7, 39417-39431.	2.6	20
31	Role of Project Planning and Project Manager Competencies on Public Sector Project Success. Sustainability, 2021, 13, 1421.	1.6	20
32	Generalized interval-valued vague soft set. Applied Mathematical Sciences, 0, 7, 6983-6988.	0.0	20
33	Bank Financial Statement Management using a Goal Programming Model. Procedia, Social and Behavioral Sciences, 2015, 211, 498-504.	0.5	19
34	Possibility interval-valued vague soft set. Applied Mathematical Sciences, 0, 7, 6989-6994.	0.0	19
35	Q-fuzzy soft set. Applied Mathematical Sciences, 0, 8, 8689-8695.	0.0	18
36	Operations on Q-fuzzy soft set. Applied Mathematical Sciences, 0, 8, 8697-8701.	0.0	16

#	Article	IF	Citations
37	A note on â€œA novel approach to multi attribute group decision making based on trapezoidal interval type-2 fuzzy soft setsâ€• Applied Mathematical Modelling, 2017, 41, 684-690.	2.2	15
38	Generalized Q-Neutrosophic Soft Expert Set for Decision under Uncertainty. Symmetry, 2018, 10, 621.	1.1	15
39	Fuzzy Parameterized Complex Multi-Fuzzy Soft Expert Set Theory and Its Application in Decision-Making. Symmetry, 2019, 11, 358.	1.1	15
40	Complex Multi-Fuzzy Relation for Decision Making using Uncertain Periodic Data. International Journal of Engineering and Technology(UAE), 2018, 7, 2437.	0.2	15
41	Novel Models of Fuzzy Rough Coverings Based on Fuzzy Î±-Neighborhood and its Application to Decision-Making. IEEE Access, 2020, 8, 224354-224364.	2.6	14
42	A Compromise Solution for the Fully Fuzzy Multiobjective Linear Programming Problems. IEEE Access, 2018, 6, 43696-43711.	2.6	13
43	On modified interval symmetric single-step procedure ISS2-5D for the simultaneous inclusion of polynomial zeros. International Journal of Mathematical Analysis, 0, 7, 983-988.	0.3	13
44	Modification on interval symmetric single-step procedure ISS-5Î´ for bounding polynomial zeros simultaneously. , 2013, , .		12
45	An efficient interval symmetric single step procedure ISS1-5D for simultaneous bounding of real polynomial zeros. International Journal of Mathematical Analysis, 0, 7, 977-981.	0.3	12
46	The interval zoro-symmetric single-step procedure IZSS2-5D for the simultaneous bounding of simple polynomial zeros. , 2013, , .		11
47	Fuzzy parameterised single valued neutrosophic soft expert set theory and its application in decision making. International Journal of Applied Decision Sciences, 2016, 9, 212.	0.2	11
48	Q-Neutrosophic Soft Expert Set and its Application in Decision Making. International Journal of Fuzzy System Applications, 2018, 7, 37-61.	0.5	11
49	A Novel Approach to Neutrosophic Soft Rough Set under Uncertainty. Symmetry, 2019, 11, 384.	1.1	11
50	Inverse fuzzy soft set and its application in decision making. International Journal of Information and Decision Sciences, 2019, 11, 73.	0.1	11
51	On the interval zoro symmetric single step procedure IZSS2-5D for simultaneous bounding of simple polynomial zeros. International Journal of Mathematical Analysis, 0, 7, 2941-2945.	0.3	11
52	The Point Zoro Symmetric Single-Step Procedure for Simultaneous Estimation of Polynomial Zeros. Journal of Applied Mathematics, 2012, 2012, 1-11.	0.4	10
53	Neutrosophic Triplet Non-Associative Semihypergroups with Application. Symmetry, 2018, 10, 613.	1.1	10
54	On modified symmetric single-step procedure for estimating polynomial zeros simultaneously. International Journal of Mathematical Analysis, 0, 8, 27-33.	0.3	10

#	Article	IF	Citations
55	Complex fuzzy normal subgroup. AIP Conference Proceedings, 2015, , .	0.3	9
56	A note on â€œpossibility multi-fuzzy soft set and its application in decision makingâ€ Journal of Intelligent and Fuzzy Systems, 2017, 32, 2309-2314.	0.8	9
57	Neutrosophic Cubic Power Muirhead Mean Operators with Uncertain Data for Multi-Attribute Decision-Making. Symmetry, 2018, 10, 444.	1.1	9
58	Fuzzy Parameterized Complex Neutrosophic Soft Expert Set for Decision under Uncertainty. Symmetry, 2019, 11, 382.	1.1	9
59	Project Management Maturity and Organizational Reputation: A Case Study of Public Sector Organizations. IEEE Access, 2020, 8, 73828-73842.	2.6	9
60	APPLICATION OF GENERALIZED VAGUE SOFT EXPERT SET IN DECISION MAKING. International Journal of Pure and Applied Mathematics, 2014, 93, .	0.2	9
61	MAPPING ON GENERALIZED VAGUE SOFT EXPERT SET. International Journal of Pure and Applied Mathematics, 2014, 93, .	0.2	9
62	On the interval zoro symmetric single step procedure IZSS1-5D for the simultaneous bounding of real polynomial zeros. International Journal of Mathematical Analysis, 0, 7, 2947-2951.	0.3	9
63	On convergence of the interval zoro symmetric single step procedure for polynomial zeros. International Journal of Mathematical Analysis, 0, 8, 2769-2774.	0.3	9
64	A modified interval symmetric single step procedure ISS-5D for simultaneous inclusion of polynomial zeros. , 2013, , .		8
65	A decomposition of soft continuity in soft topological spaces. Afrika Matematika, 2017, 28, 887-898.	0.4	8
66	A Generalized Approach towards Soft Expert Sets via Neutrosophic Cubic Sets with Applications in Games. Symmetry, 2019, 11, 289.	1.1	8
67	Soft Rough q-Rung Orthopair m-Polar Fuzzy Sets and q-Rung Orthopair m-Polar Fuzzy Soft Rough Sets and Their Applications. IEEE Access, 2021, 9, 139186-139200.	2.6	8
68	MULTI Q-FUZZY SOFT SET AND ITS APPLICATION. Far East Journal of Mathematical Sciences, 2015, 97, 871-881.	0.0	7
69	Generalized vague soft expert set theory. , 2013, , .		6
70	A note on the paper â€œThe trapezoidal fuzzy soft set and its application in MCDMâ€ Applied Mathematical Modelling, 2017, 48, 731-735.	2.2	6
71	Separation axioms of bipolar soft topological space. Journal of Physics: Conference Series, 2019, 1212, 012017.	0.3	6
72	GENERALIZED VAGUE SOFT EXPERT SET. International Journal of Pure and Applied Mathematics, 2014, 93, .	0.2	6

#	Article	IF	Citations
73	Bipolar Fuzzy Soft Expert Set and its Application in Decision Making. International Journal of Applied Decision Sciences, 2017, 10, 1.	0.2	6
74	Possibility neutrosophic vague soft expert set for decision under uncertainty. AIP Conference Proceedings, 2017, , .	0.3	5
75	Fuzzy parameterized complex multi-fuzzy soft set. Journal of Physics: Conference Series, 2019, 1212, 012016.	0.3	5
76	Multi-objective performance optimization of ORC cycle based on improved ant colony algorithm. Open Physics, 2019, 17, 48-59.	0.8	5
77	Cubic Vague Set and its Application in Decision Making. Entropy, 2020, 22, 963.	1.1	5
78	Application of Cubic Spline in the Implementation of Braces for the Case of a Child. Journal of Mathematics and Statistics, 2012, 8, 144-149.	0.2	4
79	A goal programming approach for library acquisition allocation. Applied Mathematical Sciences, 0, 7, 6977-6981.	0.0	4
80	An approach to Q-neutrosophic soft rings. AIMS Mathematics, 2019, 4, 1291-1306.	0.7	4
81	Pareto optimal solution for multiobjective stochastic linear programming problems with partial uncertainty. International Journal of Mathematics in Operational Research, 2018, 12, 139.	0.1	3
82	Fuzzy scheduling optimization system for multi-objective transportation path based on ant colony algorithm. Journal of Intelligent and Fuzzy Systems, 2018, 35, 4257-4266.	0.8	3
83	Denoising data acquisition algorithm for array pixelated CdZnTe nuclear detector. Open Physics, 2019, 17, 144-152.	0.8	3
84	Fuzzy classification as a decision making problem in hesitant environments. International Journal of Information and Decision Sciences, 2019, 11, 22.	0.1	3
85	The Newton's method in the interval symmetric single step procedure for polynomial zeros. International Journal of Mathematical Analysis, 0, 8, 2763-2768.	0.3	3
86	On the convergence of the Newton's method in the interval symmetric single step procedure. International Journal of Mathematical Analysis, 0, 8, 2775-2779.	0.3	3
87	THE REPEATED PROCEDURE PMSS1 FOR ESTIMATING POLYNOMIAL ZEROS. Far East Journal of Mathematical Sciences, 2015, 97, 645-653.	0.0	3
88	THE MIDPOINT ZORO SYMMETRIC SINGLE-STEP PROCEDURE FOR POLYNOMIAL ZEROS. Far East Journal of Mathematical Sciences, 2015, 97, 231-240.	0.0	3
89	ON THE CONVERGENCE OF IRTSS1 FOR SIMULTANEOUS INCLUSION OF POLYNOMIAL ZEROS. Far East Journal of Mathematical Sciences, 2015, 98, 251-258.	0.0	3
90	ON CONVERGENCE OF INAAH2 PROCEDURE FOR BOUNDING POLYNOMIAL ZEROS SIMULTANEOUSLY. Far East Journal of Mathematical Sciences, 2015, 98, 259-266.	0.0	3

#	Article	IF	Citations
91	Level of English Proficiency among Science Students of UKM. Procedia, Social and Behavioral Sciences, 2012, 59, 663-669.	0.5	2
92	Multi-level encryption algorithm for user-related information across social networks. Open Physics, 2018, 16, 989-999.	0.8	2
93	Multiple multidimensional fuzzy reasoning algorithm based on neural network. Journal of Intelligent and Fuzzy Systems, 2018, 35, 4121-4129.	0.8	2
94	A Hamming score distance of hesitant fuzzy sets. Journal of Physics: Conference Series, 2019, 1212, 012020.	0.3	2
95	Einstein-operations on vague soft set. AIP Conference Proceedings, 2017, , .	0.3	2
96	THE NEWTONâ€™S METHOD INTERVAL SINGLE-STEP PROCEDURE FOR BOUNDING POLYNOMIAL ZEROS SIMULTANEOUSLY. Far East Journal of Mathematical Sciences, 2015, 97, 241-252.	0.0	2
97	Teaching Science and Mathematics in English Steering Mastery in English Language Amongst Sciences Students in UKM. Procedia, Social and Behavioral Sciences, 2012, 59, 670-677.	0.5	1
98	The efficiency of convergence rate for IMSS2-5D procedure. AIP Conference Proceedings, 2015, , .	0.3	1
99	On the performances of IMZSS2 method for bounding polynomial zeros simultaneously. , 2015, , .		1
100	On modified interval repeated zoro symmetric single-step IRZSS1-5D procedure for bounding polynomial zeros simultaneously. AIP Conference Proceedings, 2015, , .	0.3	1
101	On the efficiencies of the IMSS1 method for bounding polynomial zeros simultaneously. , 2015, , .		1
102	The performance of the IMSS2-5D procedure for simultaneous bounding of polynomial zeros. AIP Conference Proceedings, 2016, , .	0.3	1
103	Fuzzy parameterized complex multi-fuzzy soft expert sets. AIP Conference Proceedings, 2019, , .	0.3	1
104	On Q-neutrosophic subring. Journal of Physics: Conference Series, 2019, 1212, 012018.	0.3	1
105	Mapping on complex multi-fuzzy soft expert classes. Journal of Physics: Conference Series, 2019, 1212, 012019.	0.3	1
106	Similarity Measures and Multi-person TOPSIS Method Using m-polar Single-Valued Neutrosophic Sets. International Journal of Computational Intelligence Systems, 2021, 14, 869.	1.6	1
107	INTERVAL TOTAL SINGLE STEP PROCEDURE FOR BOUNDING POLYNOMIAL ZEROS. Far East Journal of Mathematical Sciences, 2015, 98, 539-546.	0.0	1
108	ON THE CONVERGENCE OF INTERVAL TOTAL SINGLE STEP PROCEDURE FOR POLYNOMIAL ZEROS. Far East Journal of Mathematical Sciences, 2015, 98, 641-648.	0.0	1

#	Article	IF	Citations
109	Transformation of Teaching and Learning Mathematics in English: Are the Lecturers Ready?. Procedia, Social and Behavioral Sciences, 2012, 59, 650-656.	0.5	0
110	Mapping on complex neutrosophic soft expert sets. AIP Conference Proceedings, 2018, , .	0.3	0
111	The performance of the interval midpoint zoro symmetric single-step (IMZSS2-5D) procedure to converge simultaneously to the zeros. AIP Conference Proceedings, 2018, , .	0.3	0
112	Fuzzy control algorithm for congestion information in digital substation communication network. Journal of Intelligent and Fuzzy Systems, 2018, 35, 4445-4454.	0.8	0
113	Information retrieval algorithm of industrial cluster based on vector space. Open Physics, 2019, 17, 60-68.	0.8	0
114	ON CONVERGENCE OF INAAH1 FOR BOUNDING OF POLYNOMIAL ZEROS SIMULTANEOUSLY. Far East Journal of Mathematical Sciences, 2015, 98, 873-881.	0.0	0
115	Human Resource Management and Humanitarian Operations Performance: A Case Study of Humanitarian Organizations in Malaysia. Interdisciplinary Journal of Information, Knowledge, and Management, 0, 17, 235-258.	0.0	0