

# Bijan Davvaz

## List of Publications by Year in descending order

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Version: 2024-02-01

312  
papers

4,632  
citations

156536

32  
h-index

169272

56  
g-index

314  
all docs

314  
docs citations

314  
times ranked

1072  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decision-making model for internet finance soft power and sportswear brands based on sine-trigonometric Fermatean fuzzy information. <i>Soft Computing</i> , 2023, 27, 1971-1983.	2.1	13
2	New fundamental relation and complete part of fuzzy hypermodules. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2022, 25, 1225-1237.	0.5	4
3	On $(m,n)$ -hyperideals in ordered semihyperrings: Applications to ordered semirings. <i>Journal of Algebra and Its Applications</i> , 2022, 21, .	0.3	2
4	Complex Fuzzy Krasner Hyperrings. <i>New Mathematics and Natural Computation</i> , 2022, 18, 163-176.	0.4	0
5	Intuitionistic fuzzy set of $\mathbb{I}$ -submodules and its application in modeling spread of viral diseases, mutated COVID-19, via flights. <i>International Journal of Intelligent Systems</i> , 2022, 37, 5134-5151.	3.3	1
6	Soft mappings: a new approach. <i>Soft Computing</i> , 2022, 26, 3589-3599.	2.1	4
7	Intuitionistic fuzzy multi-polygroups. <i>Computational and Applied Mathematics</i> , 2022, 41, 1.	1.0	0
8	Ternary $\Gamma$ -semihyperrings: ideals, regular ideals and fundamental semirings. <i>Afrika Matematika</i> , 2022, 33, .	0.4	0
9	Soft hypergraph for modeling global interactions via social media networks. <i>Expert Systems With Applications</i> , 2022, 203, 117466.	4.4	6
10	Algebraic Hyperstructure of Multi-Fuzzy Soft Sets Related to Polygroups. <i>Mathematics</i> , 2022, 10, 2178.	1.1	6
11	Near approximations in rings. <i>Applicable Algebra in Engineering, Communications and Computing</i> , 2021, 32, 701-721.	0.3	5
12	Relationships between convexity and generalized convexity of comparable fuzzy functions. <i>Journal of Information and Optimization Sciences</i> , 2021, 42, 449-466.	0.2	0
13	On generalized derivations and Jordan ideals of prime rings. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 2021, 70, 227-233.	0.6	2
14	Factor generalized be-semigroups through homomorphisms. <i>Mathematica Montisnigri</i> , 2021, 50, 51-72.	0.1	0
15	Finitely generated rings obtained from hyperrings through the fundamental relations. <i>Boletim Da Sociedade Paranaense De Matematica</i> , 2021, 39, 51-69.	0.4	1
16	On Some Properties of Co-maximal Graphs of Commutative Rings. <i>The National Academy of Sciences, India</i> , 2021, 44, 437-442.	0.8	4
17	On Some NeutroHyperstructures. <i>Symmetry</i> , 2021, 13, 535.	1.1	14
18	On Soft Topological Polygroups and Their Examples. <i>International Journal of Fuzzy Logic and Intelligent Systems</i> , 2021, 21, 29-37.	0.6	6

#	ARTICLE	IF	CITATIONS
19	Soft topological hyperstructure. Journal of Intelligent and Fuzzy Systems, 2021, 40, 8755-8764.	0.8	1
20	Fuzzy hyperstructural patterns of some genetic phenomena. Computational and Applied Mathematics, 2021, 40, 1.	1.0	1
21	gK-algebra associated to polygroups. Afrika Matematika, 2021, 32, 1409.	0.4	0
22	Decision-making analysis based on bipolar fuzzy N-soft information. Computational and Applied Mathematics, 2021, 40, 1.	1.0	23
23	An approach to fuzzy multi-ideals of near rings. Journal of Intelligent and Fuzzy Systems, 2021, 41, 6233-6243.	0.8	2
24	Novel multi-criteria decision-making methods with soft rough q-rung orthopair fuzzy sets and q-rung orthopair fuzzy soft rough sets. Journal of Intelligent and Fuzzy Systems, 2021, 41, 955-973.	0.8	6
25	Factor generalized BE-semigroups through deductive systems. Mathematica Montisnigri, 2021, 51, 45-59.	0.1	0
26	Fundamental relations and identities of fuzzy hyperalgebras. Journal of Intelligent and Fuzzy Systems, 2021, 41, 2265-2274.	0.8	1
27	Application Multi-Fuzzy Soft Sets in Hypermodules. Mathematics, 2021, 9, 2182.	1.1	1
28	Single valued neutrosophic $(m, n)$ $\mathcal{I}$ -ideals of ordered semirings. AIMS Mathematics, 2021, 7, 1211-1223.	0.7	0
29	Hypergroups associated with hypergraphs. Discrete Mathematics, Algorithms and Applications, 2021, 13, 2150018.	0.4	1
30	Solvability, Supersolvability and Schreier Refinement Theorem for $\langle i \rangle L$ -Subgroups. Fuzzy Information and Engineering, 2021, 13, 470-496.	1.0	2
31	On Neutrosophic Quadruple Groups. International Journal of Computational Intelligence Systems, 2021, 14, 1.	1.6	2
32	Near Approximations in Modules. Foundations of Computing and Decision Sciences, 2021, 46, 319-337.	0.5	1
33	Algebraic Hyperstructure of Observable Elementary Particles Including the Higgs Boson. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2020, 90, 169-176.	0.8	4
34	A class of representations of Artin braid hypergroups. Asian-European Journal of Mathematics, 2020, 13, 2050056.	0.2	0
35	Classifying and counting fuzzy normal subgroups by a new equivalence relation. Fuzzy Sets and Systems, 2020, 382, 148-157.	1.6	2
36	Chain conditions on commutative monoids. Semigroup Forum, 2020, 100, 732-742.	0.3	4

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37	A fuzzy application of the group $\mathbb{Z}_n$ to complete hypergroups. Soft Computing, 2020, 24, 3543-3550.	2.1	3
38	Interval neutrosophic hesitant fuzzy Einstein Choquet integral operator for multicriteria decision making. Artificial Intelligence Review, 2020, 53, 2171-2206.	9.7	10
39	On Minimal and Maximal Hyperideals in $n$ -ary Semihypergroups. Mathematics, 2020, 8, 1656.	1.1	3
40	Soft Intersection Nearsemirings and Its Algebraic Applications. Lobachevskii Journal of Mathematics, 2020, 41, 362-372.	0.1	0
41	Hesitant fuzzy soft topology and its applications to multi-attribute group decision-making. Soft Computing, 2020, 24, 16269-16289.	2.1	23
42	Biological inheritance on fuzzy hyperlattice ordered group. Journal of Intelligent and Fuzzy Systems, 2020, 38, 6457-6464.	0.8	6
43	Pythagorean fuzzy soft graphs with applications. Journal of Intelligent and Fuzzy Systems, 2020, 38, 4977-4991.	0.8	13
44	Study on Green's relations in ordered semihypergroups. Soft Computing, 2020, 24, 11189-11197.	2.1	3
45	Calculus of meet plus hyperalgebra (tropical semihyperrings). Communications in Algebra, 2020, 48, 2143-2159.	0.3	5
46	Fuzzy Multi-Hypergroups. Mathematics, 2020, 8, 244.	1.1	10
47	On the number of fuzzy subgroups of dicyclic groups. Soft Computing, 2020, 24, 6183-6191.	2.1	2
48	Hypergroups and polygroups in diffeology. Communications in Algebra, 2020, 48, 2683-2698.	0.3	2
49	Fuzzy multi-polygroups. Journal of Intelligent and Fuzzy Systems, 2020, 38, 2337-2345.	0.8	13
50	A study on strongly convex hyper $S$ -subposets in hyper $S$ -posets. Open Mathematics, 2020, 18, 1935-1951.	0.5	0
51	Rough filters based on residuated lattices. Knowledge and Information Systems, 2019, 58, 399-424.	2.1	4
52	A new model of fuzzy topology: I-fuzzy topological polygroups. Journal of Intelligent and Fuzzy Systems, 2019, 36, 1671-1682.	0.8	1
53	Direct and semidirect product of $n$ -ary polygroups via $n$ -ary factor polygroups. Journal of Algebra and Its Applications, 2019, 18, 1950082.	0.3	1
54	Fundamental relation on fuzzy hypermodules. Soft Computing, 2019, 23, 13025-13033.	2.1	7

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55	On Fuzzy Ordered Hyperideals in Ordered Semihyperrings. <i>Advances in Fuzzy Systems</i> , 2019, 2019, 1-7.	0.6	1
56	Analysis of Social Networks, Communication Networks and Shortest Path Problems in the Environment of Interval-Valued q-Rung Ortho Pair Fuzzy Graphs. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 1687-1708.	2.3	12
57	Alexandrov L-preuniform convergence structures. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 3697-3709.	0.8	0
58	Fuzzy $(m, \hat{A}n)$ -ideals in semigroups. <i>Computational and Applied Mathematics</i> , 2019, 38, 1.	1.0	9
59	q-Rung orthopair fuzzy directed hypergraphs: A new model with applications. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 37, 3777-3794.	0.8	10
60	Doubt intuitionistic fuzzy hyper filters in hyper BE-algebras. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 37, 5157-5166.	0.8	2
61	Fuzzy hyperideals of hyperquantales. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 5605-5615.	0.8	6
62	Intuitionistic fuzzy graphs of nth type with applications. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 3923-3932.	0.8	29
63	Novel concepts of soft rough set topology with applications. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 3579-3590.	0.8	43
64	Energy of double dominating bipolar fuzzy graphs. <i>Journal of Applied Mathematics and Computing</i> , 2019, 61, 219-234.	1.2	7
65	Results on generalized intuitionistic fuzzy hypergroupoids. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 2571-2580.	0.8	8
66	$(M, N)$ -Soft Intersection Nearsemirings and $(M, N)$ - $\hat{I}_{\pm}$ -Inclusion Along with Its Algebraic Applications. <i>Lobachevskii Journal of Mathematics</i> , 2019, 40, 67-78.	0.1	1
67	Multiset filters of residuated lattices and its application in medical diagnosis. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 2297-2305.	0.8	8
68	Generalized Cayley graphs over polygroups. <i>Communications in Algebra</i> , 2019, 47, 2209-2219.	0.3	3
69	Some Results on (Generalized) Fuzzy Multi-Hv-Ideals of Hv-Rings. <i>Symmetry</i> , 2019, 11, 1376.	1.1	14
70	Characterization of small polygroups by their fundamental groups. <i>Discrete Mathematics, Algorithms and Applications</i> , 2019, 11, 1950047.	0.4	1
71	Derivations of Gamma (Semi)Hyperrings. <i>Ukrainian Mathematical Journal</i> , 2019, 70, 1165-1175.	0.1	0
72	Some Root Level Modifications in Interval Valued Fuzzy Graphs and Their Generalizations Including Neutrosophic Graphs. <i>Mathematics</i> , 2019, 7, 72.	1.1	31

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73	A New Relationship Between Intuitionistic Fuzzy Sets and Genetics. <i>Journal of Classification</i> , 2019, 36, 494-512.	1.2	5
74	Fundamentals of derivations on (ordered) hyper(near)-rings. <i>Beitrage Zur Algebra Und Geometrie</i> , 2019, 60, 537-553.	0.3	2
75	V-Rings versus $\hat{\mathcal{L}}$ -V rings. <i>Journal of Algebra and Its Applications</i> , 2019, 18, 1950032.	0.3	1
76	A novel method to construct NSSD molecular graphs. <i>Open Mathematics</i> , 2019, 17, 1526-1537.	0.5	5
77	Hyperideal theory in ordered Krasner hyperrings. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2019, 27, 193-210.	0.1	2
78	A Note on Essential Soft Submodules. <i>International Journal of Fuzzy Logic and Intelligent Systems</i> , 2019, 19, 10-17.	0.6	1
79	An Investigation of $\hat{\alpha}_{\pm}$ -Closure of Fuzzy Submodules of a Module. <i>Fuzzy Information and Engineering</i> , 2019, 11, 212-220.	1.0	0
80	Construction of (M, N)-hypermodule over (R, S)-hyperring. <i>Acta Universitatis Sapientiae, Mathematica</i> , 2019, 11, 131-143.	0.0	0
81	A further study on ordered regular equivalence relations in ordered semihypergroups. <i>Open Mathematics</i> , 2018, 16, 168-184.	0.5	16
82	Semihypergroups associated with ternary relations. <i>Afrika Matematika</i> , 2018, 29, 463-475.	0.4	0
83	Properties of single-valued neutrosophic graphs. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018, 34, 57-79.	0.8	20
84	An overview of topological hypergroupoids. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018, 34, 1907-1916.	0.8	19
85	On (k, n)-absorbing hyperideals in Krasner (m, n)-hyperrings*. <i>Quarterly Journal of Mathematics</i> , 2018, 69, 1035-1046.	0.3	12
86	Rings derived from strongly $\mathcal{U}$ -regular relations. <i>Boletin De La Sociedad Matematica Mexicana</i> , 2018, 24, 107-121.	0.2	3
87	New concepts in neutrosophic graphs with application. <i>Journal of Applied Mathematics and Computing</i> , 2018, 57, 279-302.	1.2	13
88	Characterizations of ordered semihypergroups by the properties of their intersectional-soft generalized bi-hyperideals. <i>Soft Computing</i> , 2018, 22, 3001-3010.	2.1	11
89	Strongly regular relations of arithmetic functions. <i>Journal of Number Theory</i> , 2018, 187, 391-402.	0.2	2
90	Structural properties for $(m,n)$ -quasi-hyperideals in ordered semihypergroups. <i>Tbilisi Mathematical Journal</i> , 2018, 11, .	0.3	5

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91	Approximation of new bounded operators in intuitionistic fuzzy n-Banach spaces. Journal of Intelligent and Fuzzy Systems, 2018, 35, 6301-6312.	0.8	7
92	Alexandrov L-topologies and Alexandrov L-convergence structures1. Journal of Intelligent and Fuzzy Systems, 2018, 35, 6393-6404.	0.8	1
93	The cyclic hypergroup associated with $S_n$ , its automorphism group and its fuzzy grade. Discrete Mathematics, Algorithms and Applications, 2018, 10, 1850070.	0.4	1
94	A note on automorphisms of lie ideals in prime rings. Mathematica Slovaca, 2018, 68, 1223-1229.	0.3	7
95	On the existence of irreducible hypermatrix representations of the symmetric group $S_n$ . Journal of Discrete Mathematical Sciences and Cryptography, 2018, 21, 1055-1067.	0.5	0
96	On some classes of hypergroups. Cogent Mathematics & Statistics, 2018, 5, 1510357.	0.9	0
97	Fuzzy congruences on non-associative semigroups. Journal of Intelligent and Fuzzy Systems, 2018, 35, 3783-3796.	0.8	1
98	Decision-making methods based on hybrid mF models. Journal of Intelligent and Fuzzy Systems, 2018, 35, 3387-3403.	0.8	25
99	Hypergroups constructed from hypergraphs. Filomat, 2018, 32, 3487-3494.	0.2	4
100	Algebraic hyperstructures associated to biological inheritance. Mathematical Biosciences, 2017, 285, 112-118.	0.9	8
101	An investigation on hyper S-posets over ordered semihypergroups. Open Mathematics, 2017, 15, 37-56.	0.5	6
102	A novel concept of (m, n)-ary subhypermodules in the framework of fuzzy sets. Journal of Intelligent and Fuzzy Systems, 2017, 32, 2437-2446.	0.8	1
103	On fuzzy interior $\hat{\imath}$ -hyperideals in ordered $\hat{\imath}$ -semihypergroups. Journal of Intelligent and Fuzzy Systems, 2017, 32, 2447-2460.	0.8	8
104	An investigation on ordered algebraic hyperstructures. Acta Mathematica Sinica, English Series, 2017, 33, 1107-1124.	0.2	5
105	On the existence of hyperrings associated to arithmetic functions. Journal of Number Theory, 2017, 174, 136-149.	0.2	6
106	A study on (fuzzy) quasi- $\hat{\imath}$ -hyperideals in ordered $\hat{\imath}$ -semihypergroups. Journal of Intelligent and Fuzzy Systems, 2017, 32, 3821-3838.	0.8	9
107	Ordered semigroups characterized in terms of generalized fuzzy ideals. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1045-1057.	0.8	11
108	Boolean Rings Obtained from Hyperrings with $\eta_{1,m}^*$ , $m \geq 1$ . Iranian Journal of Science and Technology, Transaction A: Science, 2017, 41, 69-79.	0.7	4

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109	On some properties of single power cyclic hypergroups and regular relations. Journal of Algebra and Its Applications, 2017, 16, 1750214.	0.3	7
110	N-ary hyperstructures associated to the genotypes of F2-offspring. International Journal of Biomathematics, 2017, 10, 1750118.	1.5	3
111	A novel connection between rough sets, hypergraphs and hypergroups. Discrete Mathematics, Algorithms and Applications, 2017, 09, 1750044.	0.4	4
112	Generalized (Jordan) left derivations on rings associated with an element of rings. Journal of Contemporary Mathematical Analysis, 2017, 52, 166-174.	0.1	1
113	Two dissimilar approaches to dynamical systems on hyper MV -algebras and their information entropy. European Physical Journal Plus, 2017, 132, 1.	1.2	8
114	Almost principal ideals and tensor product of hyperlattices. Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica, 2017, 25, 171-183.	0.1	0
115	On (M, N)-intersectional soft interior hyperideals of ordered semihypergroups. Journal of Intelligent and Fuzzy Systems, 2017, 33, 3895-3904.	0.8	2
116	Generalization of Pawlak's Approximations in Hypermodules by Set-Valued Homomorphisms. Foundations of Computing and Decision Sciences, 2017, 42, 59-81.	0.5	1
117	Commutative single power cyclic hypergroups of order three and period two. Discrete Mathematics, Algorithms and Applications, 2017, 09, 1750070.	0.4	4
118	Characterizations of regular ordered semigroups in terms of $(\hat{1}, \hat{2})$ -bipolar fuzzy generalized bi-ideals. Journal of Intelligent and Fuzzy Systems, 2017, 33, 365-376.	0.8	12
119	On M-fuzzifying convex matroids and $\hat{M}$ -fuzzifying independent structures. Journal of Intelligent and Fuzzy Systems, 2017, 33, 269-280.	0.8	16
120	Cyclic modules over fundamental rings derived from strongly regular equivalences. Annales Mathematiques Du Quebec, 2017, 41, 265-276.	0.1	2
121	Contribution to study special kinds of hyperideals in ordered semihyperrings. Journal of Taibah University for Science, 2017, 11, 1083-1094.	1.1	12
122	Studies on fuzzy topological polygroups. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1101-1110.	0.8	4
123	Classifying fuzzy (normal) subgroups of the group $D_2 \times \langle a, q \rangle$ and finite groups of order $n \geq 20$ . Journal of Intelligent and Fuzzy Systems, 2017, 33, 3615-3627.	0.8	3
124	A novel study on fuzzy ideals and fuzzy filters of ordered *-semigroups. Journal of Intelligent and Fuzzy Systems, 2017, 33, 423-431.	0.8	3
125	Kinds of $\langle i \rangle$ -fuzzy Filters of Fuzzy Lattices. Fuzzy Information and Engineering, 2017, 9, 325-343.	1.0	1
126	Fuzzy topological F-polygroups. Journal of Intelligent and Fuzzy Systems, 2017, 33, 3433-3440.	0.8	1

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127	On 2-Absorbing Primary Fuzzy Ideals of Commutative Rings. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-7.	0.6	7
128	On intuitionistic fuzzy idempotent, prime, $\hat{A}$ strongly irreducible and $t$ -pure ideals $\hat{A}$ of $\hat{A}$ semirings. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 33, 433-443.	0.8	3
129	Nilpotent L-subgroups satisfy the normalizer condition. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 33, 1841-1854.	0.8	3
130	On the $g$ -hypergroupoids associated with $g$ -hypergraphs. <i>Filomat</i> , 2017, 31, 4819-4831.	0.2	2
131	Atanassov's intuitionistic fuzzy set theory applied to quantales. <i>Novi Sad Journal of Mathematics</i> , 2017, 47, 47-61.	0.1	2
132	Neutrosophic quadruple algebraic hyperstructures. <i>Annals of Fuzzy Mathematics and Informatics</i> , 2017, 14, 29-42.	0.7	10
133	Hypernear-rings: Some developments linked to near-rings. , 2017, , 106-113.		1
134	Frontiers of fuzzy hypernearrings. , 2017, , 114-126.		0
135	On topological complete hypergroups. <i>Filomat</i> , 2017, 31, 5045-5056.	0.2	2
136	Ordered Semihypergroups. , 2016, , 99-123.		0
137	Semihypergroups. , 2016, , 41-97.		18
138	An intuitionistic fuzzy approach to $S$ -approximation spaces. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 30, 3385-3397.	0.8	8
139	A note on isomorphism theorems of Krasner $(m, n)$ -hyperring. <i>Arabian Journal of Mathematics</i> , 2016, 5, 103-115.	0.4	9
140	Numerical Solution of Fuzzy Differential Equations by Variational Iteration Method. <i>International Journal of Fuzzy Systems</i> , 2016, 18, 875-882.	2.3	4
141	On a special single-power cyclic hypergroup and its automorphisms. <i>Discrete Mathematics, Algorithms and Applications</i> , 2016, 08, 1650059.	0.4	6
142	Operations on hyperideals in ordered Krasner hyperrings. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2016, 24, 275-293.	0.1	2
143	Construction of composition $(m, n, k)$ -hyperring. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2016, 24, 177-188.	0.1	2
144	On Jordan left- $I$ -centralizers of prime and semiprime gamma rings with involution. <i>Journal of the Egyptian Mathematical Society</i> , 2016, 24, 8-14.	0.6	0

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145	Some classes of quasi-pseudo-MV algebras. Logic Journal of the IGPL, 2016, 24, 655-655.	1.3	7
146	Many-Valued Logic and Zadeh's Fuzzy Sets: A Stone Representation Theorem for Interval-Valued Łukasiewicz-Moisil Algebras. Journal of Intelligent Systems, 2016, 25, 99-106.	1.2	0
147	An application of intuitionistic fuzzy sets in medicine. International Journal of Biomathematics, 2016, 09, 1650037.	1.5	60
148	The entropy of semi-independent hyper MV-algebra dynamical systems. Soft Computing, 2016, 20, 1263-1276.	2.1	8
149	Solvable groups derived from hypergroups. Journal of Algebra and Its Applications, 2016, 15, 1650067.	0.3	5
150	Topological Polygroups. Bulletin of the Malaysian Mathematical Sciences Society, 2016, 39, 707-721.	0.4	14
151	Notes on roughness in rings. Information Sciences, 2016, 346-347, 488-490.	4.0	12
152	Applications of soft intersection sets to hemirings via SI-h-bi-ideals and SI-h-quasi-ideals. Filomat, 2016, 30, 2295-2313.	0.2	2
153	Generalized fuzzy hypergraphs and hypergroupoids. Filomat, 2016, 30, 2375-2387.	0.2	2
154	Left big subsets of topological polygroups. Filomat, 2016, 30, 3139-3147.	0.2	3
155	Hyperfilters and fuzzy hyperfilters of ordered semihypergroups. Journal of Intelligent and Fuzzy Systems, 2015, 29, 75-84.	0.8	29
156	State operators and state-morphism operators on hyper BCK-algebras. Journal of Intelligent and Fuzzy Systems, 2015, 29, 1869-1880.	0.8	3
157	On minimal realization for a fuzzy language and Brzozowski's algorithm. Journal of Intelligent and Fuzzy Systems, 2015, 29, 1949-1956.	0.8	19
158	Fuzzy ordered Krasner hyperrings. Journal of Intelligent and Fuzzy Systems, 2015, 29, 1057-1064.	0.8	4
159	A kind of new rough set: Rough soft sets and rough soft rings. Journal of Intelligent and Fuzzy Systems, 2015, 30, 475-483.	0.8	18
160	Characterizations of (fuzzy) bi-hyperideals in ordered semihypergroups. Journal of Intelligent and Fuzzy Systems, 2015, 28, 2141-2148.	0.8	17
161	Introduction to Neutrosophic BCI/BCK-Algebras. International Journal of Mathematics and Mathematical Sciences, 2015, 2015, 1-6.	0.3	5
162	Fuzzy Logical Algebras and Their Applications. Scientific World Journal, The, 2015, 2015, 1-2.	0.8	2

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163	Complete join hyperlattices. Indian Journal of Pure and Applied Mathematics, 2015, 46, 633-645.	0.3	4
164	An investigation on Boolean prime filters in BL-algebras. Soft Computing, 2015, 19, 2743-2750.	2.1	6
165	Fuzzy k-Primary Decomposition of Fuzzy k-Ideal in a Semiring. Fuzzy Information and Engineering, 2015, 7, 405-422.	1.0	1
166	On wreath product of n-polygroups. Journal of Algebra and Its Applications, 2015, 14, 1550060.	0.3	4
167	Fuzzy Algebraic Hyperstructures. Studies in Fuzziness and Soft Computing, 2015, , .	0.6	56
168	Construction of Ternary $H$ -groups and Ternary $P$ -hyperoperations. Communications in Algebra, 2015, 43, 1607-1620.	0.3	2
169	Tensor product of gamma modules. Afrika Matematika, 2015, 26, 1601-1608.	0.4	0
170	Transposition Fn-hypergroups. Journal of Intelligent and Fuzzy Systems, 2015, 28, 1677-1685.	0.8	0
171	Special intuitionistic fuzzy subhypergroups of complete hypergroups. Journal of Intelligent and Fuzzy Systems, 2015, 28, 237-245.	0.8	5
172	Results on Total Restrained Domination number and subdivision number for certain graphs. Journal of Discrete Mathematical Sciences and Cryptography, 2015, 18, 363-369.	0.5	1
173	A new rough set theory: rough soft hemirings. Journal of Intelligent and Fuzzy Systems, 2015, 28, 1687-1697.	0.8	99
174	Pullback and pushout crossed polymodules. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2015, 125, 11-20.	0.2	3
175	Enumeration of 3- and 4-hypergroups on sets with two elements. European Journal of Combinatorics, 2015, 44, 298-306.	0.5	3
176	Relationship between ordered semihypergroups and ordered semigroups by using pseudoorder. European Journal of Combinatorics, 2015, 44, 208-217.	0.5	46
177	A class of hyperrings connected to preordered generalized $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -rings. European Journal of Combinatorics, 2015, 44, 236-241.	0.5	3
178	$\Gamma$ -Semihyperrings: ideals, homomorphisms and regular relations. Afrika Matematika, 2015, 26, 849-861.	0.4	3
179	Some characterizations of intra-regular Abel Grassmann $\infty$ 's groupoids by their generalized fuzzy quasi-ideals. Afrika Matematika, 2015, 26, 899-912.	0.4	2
180	Fuzzy $\hat{\Gamma}$ -Hyperideals in $\hat{\Gamma}$ -Hypersemirings by Using Triangular Norms. Scientific World Journal, The, 2014, 2014, 1-8.	0.8	0

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181	On Generalized Derivations of BCI-Algebras and Their Properties. Journal of Mathematics, 2014, 2014, 1-10.	0.5	2
182	An Investigation on Algebraic Structure of Soft Sets and Soft Filters over Residuated Lattices. ISRN Algebra, 2014, 2014, 1-8.	0.4	3
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