

List of Publications by Citations

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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.

110 papers	1,361 citations	21 h-index	31 g-index
145 ext. papers	1,571 ext. citations	1.8 avg, IF	5.26 L-index

#	Paper	IF	Citations
110	Useful Irregularity Indices in QSPR Study for Bismuth Tri-Iodide. <i>Journal of Chemistry</i> , 2019 , 2019, 1-17	2.3	99
109	M-Polynomial and Degree-Based Topological Indices of Polyhex Nanotubes. <i>Symmetry</i> , 2016 , 8, 149	2.7	70
108	M-Polynomial and Related Topological Indices of Nanostar Dendrimers. <i>Symmetry</i> , 2016 , 8, 97	2.7	66
107	Generalized Riemann-Liouville α -Fractional Integrals Associated With Ostrowski Type Inequalities and Error Bounds of Hadamard Inequalities. <i>IEEE Access</i> , 2018 , 6, 64946-64953	3.5	61
106	M-Polynomials and topological indices of V-Phenylenic Nanotubes and Nanotori. <i>Scientific Reports</i> , 2017 , 7, 8756	4.9	43
105	M-Polynomials and Topological Indices of Titania Nanotubes. <i>Symmetry</i> , 2016 , 8, 117	2.7	40
104	M-Polynomials And Topological Indices Of Zigzag And Rhombic Benzenoid Systems. <i>Open Chemistry</i> , 2018 , 16, 73-78	1.6	39
103	Some Invariants of Circulant Graphs. <i>Symmetry</i> , 2016 , 8, 134	2.7	35
102	Inequalities for a Unified Integral Operator and Associated Results in Fractional Calculus. <i>IEEE Access</i> , 2019 , 7, 126283-126292	3.5	33
101	Fractional generalized Hadamard and Fejér-Hadamard inequalities for m-convex functions. <i>AIMS Mathematics</i> , 2020 , 5, 6325-6340	2.2	33
100	Mandelbrot and Julia Sets via Jungck-OR Iteration With α -Convexity. <i>IEEE Access</i> , 2019 , 7, 12167-12176	3.5	33
99	Some Reverse Degree-Based Topological Indices and Polynomials of Dendrimers. <i>Mathematics</i> , 2018 , 6, 214	2.3	32
98	Calculating the Degree-based Topological Indices of Dendrimers. <i>Open Chemistry</i> , 2018 , 16, 681-688	1.6	31
97	Bounds of Riemann-Liouville Fractional Integrals in General Form via Convex Functions and Their Applications. <i>Mathematics</i> , 2018 , 6, 248	2.3	30
96	Fixed point results in the generation of Julia and Mandelbrot sets. <i>Journal of Inequalities and Applications</i> , 2015 , 2015,	2.1	27
95	The Study of Honey Comb Derived Network via Topological Indices. <i>Open Journal of Mathematical Analysis</i> , 2018 , 2(2018), 10-26	1.8	26
94	Edge Version of Metric Dimension and Doubly Resolving Sets of the Necklace Graph. <i>Mathematics</i> , 2018 , 6, 243	2.3	24

93	On the Multiplicative Degree-Based Topological Indices of Silicon-Carbon Si ₂ C ₃ -I[p,q] and Si ₂ C ₃ -II[p,q]. <i>Symmetry</i> , 2018 , 10, 320	2.7	23
92	Fractal Generation via CR Iteration Scheme With S-Convexity. <i>IEEE Access</i> , 2019 , 7, 69986-69997	3.5	22
91	Topological aspects of some dendrimer structures. <i>Nanotechnology Reviews</i> , 2018 , 7, 123-129	6.3	21
90	On Eccentricity-Based Topological Indices and Polynomials of Phosphorus-Containing Dendrimers. <i>Symmetry</i> , 2018 , 10, 237	2.7	21
89	. <i>IEEE Access</i> , 2019 , 7, 35060-35071	3.5	20
88	M-Polynomials and Degree-Based Topological Indices of VC ₅ C ₇ [p,q] and HC ₅ C ₇ [p,q] Nanotubes. <i>IEEE Access</i> , 2019 , 7, 41125-41132	3.5	20
87	Hadamard and Fejér-Hadamard inequalities for extended generalized fractional integrals involving special functions. <i>Journal of Inequalities and Applications</i> , 2018 , 2018, 119	2.1	20
86	M-Polynomials and Degree-Based Topological Indices of the Crystallographic Structure of Molecules. <i>Biomolecules</i> , 2018 , 8,	5.9	20
85	Some Computational Aspects of Boron Triangular Nanotubes. <i>Symmetry</i> , 2017 , 9, 6	2.7	18
84	New Fixed Point Results for Fractal Generation in Jungck Noor Orbit withs-Convexity. <i>Journal of Function Spaces</i> , 2015 , 2015, 1-7	0.8	17
83	M-Polynomials and Topological Indices of Dominating David Derived Networks. <i>Open Chemistry</i> , 2018 , 16, 201-213	1.6	17
82	On Molecular Descriptors of Carbon Nanocones. <i>Biomolecules</i> , 2018 , 8,	5.9	16
81	M-Polynomials and Degree-Based Topological Indices of Triangular, Hourglass, and Jagged-Rectangle Benzenoid Systems. <i>Journal of Chemistry</i> , 2018 , 2018, 1-8	2.3	15
80	Boundaries of Filled Julia Sets in Generalized Jungck Mann Orbit. <i>IEEE Access</i> , 2019 , 7, 76859-76867	3.5	14
79	A new Householders method free from second derivatives for solving nonlinear equations and polynomiography. <i>Journal of Nonlinear Science and Applications</i> , 2016 , 09, 998-1007	1.9	14
78	A Generalized Fejér-Hadamard Inequality for Harmonically Convex Functions via Generalized Fractional Integral Operator and Related Results. <i>Mathematics</i> , 2018 , 6, 122	2.3	14
77	WALK POLYNOMIAL: A New Graph Invariant. <i>Applied Mathematics and Nonlinear Sciences</i> , 2018 , 3, 321-330	3.0	13
76	Computing Degree-Based Topological Indices of Jahangir Graph. <i>Engineering and Applied Science Letters</i> , 2018 , 1(2018), 16-22	2.2	13

75	Some Algebraic Polynomials and Topological Indices of Generalized Prism and Toroidal Polyhex Networks. <i>Symmetry</i> , 2017 , 9, 5	2.7	12
74	Zagreb Polynomials and redefined Zagreb indices of Dendrimers and Polyomino Chains. <i>Open Chemistry</i> , 2019 , 17, 1374-1381	1.6	11
73	Hermite-Hadamard-type inequalities for functions whose derivatives are δ -convex via fractional integrals. <i>Journal of Inequalities and Applications</i> , 2019 , 2019,	2.1	10
72	Hermite-Hadamard- and Jensen-Type Inequalities for Interval h_1, h_2 Nonconvex Function. <i>Journal of Mathematics</i> , 2020 , 2020, 1-6	1.2	10
71	Fixed point results for fractal generation in Noor orbit and s -convexity. <i>SpringerPlus</i> , 2016 , 5, 1843		10
70	Computational Analysis of topological indices of two Boron Nanotubes. <i>Scientific Reports</i> , 2018 , 8, 14843	4.9	10
69	M-polynomials and topological indices of hex-derived networks. <i>Open Physics</i> , 2018 , 16, 394-403	1.3	10
68	$(h-m)$ - δ -convex functions and associated fractional Hadamard and Fejér-Hadamard inequalities via an extended generalized Mittag-Leffler function. <i>Journal of Inequalities and Applications</i> , 2019 , 2019,	2.1	9
67	Calculating degree-based topological indices of dominating David derived networks. <i>Open Physics</i> , 2017 , 15, 1015-1021	1.3	9
66	Generalized Newton Raphsons method free from second derivative. <i>Journal of Nonlinear Science and Applications</i> , 2016 , 09, 2823-2831	1.9	9
65	The M-polynomials and topological indices of generalized prism network. <i>International Journal of Mathematical Analysis</i> , 2011 , 293-303	1.5	8
64	Some reversed degree-based topological indices for graphene. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2019 , 22, 1305-1314	1.7	8
63	Tricorns and Multicorns in Noor Orbit With s -Convexity. <i>IEEE Access</i> , 2019 , 7, 95297-95304	3.5	7
62	NEW TRICORNS AND MULTICORNS ANTIFRACTALS IN JUNGCK MANN ORBIT. <i>International Journal of Pure and Applied Mathematics</i> , 2016 , 111,		7
61	Zagreb Polynomials and redefined Zagreb indices of nanostar dendrimers. <i>Open Physics</i> , 2019 , 17, 31-40	1.3	7
60	The lower and upper approximations and homomorphisms between lower approximations in quotient groups. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017 , 33, 2585-2594	1.6	6
59	Potential of Carbon, Silicon, Boron Nitride and Aluminum Phosphide Nanocages as Anodes of Lithium, Sodium and Potassium Ion Batteries: A DFT Study. <i>Russian Journal of Physical Chemistry B</i> , 2019 , 13, 156-164	1.2	6
58	Some Invariants of Jahangir Graphs. <i>Symmetry</i> , 2017 , 9, 17	2.7	6

57	New Definition of Atomic Bond Connectivity Index to Overcome Deficiency of Structure Sensitivity and Abruptness in Existing Definition. <i>Scientific Inquiry and Review</i> , 2019 , 3, 1-20	1.7	6
56	Boundedness of Fractional Integral Operators Containing Mittag-Leffler Function via Exponentially s-Convex Functions. <i>Journal of Mathematics</i> , 2020 , 2020, 1-7	1.2	6
55	On Center, Periphery and Average Eccentricity for the Convex Polytopes. <i>Symmetry</i> , 2016 , 8, 145	2.7	6
54	On new reversed topological invariants of nanotubes. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2019 , 22, 1295-1303	1.7	6
53	On Hermite-Hadamard type inequalities for s - n -polynomial convex stochastic processes. <i>AIMS Mathematics</i> , 2021 , 6, 6322-6339	2.2	6
52	The Entropy of Weighted Graphs with Atomic Bond Connectivity Edge Weights. <i>Discrete Dynamics in Nature and Society</i> , 2018 , 2018, 1-10	1.1	6
51	Computations of the M-Polynomials and Degree-Based Topological Indices for Dendrimers and Polyomino Chains. <i>International Journal of Analytical Chemistry</i> , 2018 , 2018, 1709073	1.4	6
50	A comparison between lower and upper approximations in groups with respect to group homomorphisms. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018 , 35, 693-703	1.6	5
49	On the zagreb polynomials of benzenoid systems. <i>Open Physics</i> , 2018 , 16, 734-740	1.3	5
48	Dynamics of Antifractals in Modified S -Iteration Orbit. <i>IEEE Access</i> , 2019 , 7, 113114-113120	3.5	4
47	Fuel gas production from asphaltene and recycled polyethylene. <i>Petroleum Science and Technology</i> , 2020 , 38, 428-431	1.4	4
46	Unification of Generalized and p -Convexity. <i>Journal of Function Spaces</i> , 2020 , 2020, 1-6	0.8	4
45	Sumudu Decomposition Method for Solving Fuzzy Integro-Differential Equations. <i>Axioms</i> , 2019 , 8, 74	1.6	4
44	Improvements in Newton-Raphson method for nonlinear equations using modified Adomian decomposition method. <i>International Journal of Mathematical Analysis</i> , 2015 , 9, 1919-1928	1.5	4
43	Fractional Hadamard and Fejér-Hadamard Inequalities Associated with Exponentially s, m -Convex Functions. <i>Journal of Function Spaces</i> , 2020 , 2020, 1-10	0.8	4
42	On generalized strongly modified h -convex functions. <i>Journal of Inequalities and Applications</i> , 2020 , 2020,	2.1	4
41	New Variant of Hermite-Hadamard-Mercer Inequalities via Riemann-Liouville Fractional Integral Operators. <i>Journal of Mathematics</i> , 2020 , 2020, 1-14	1.2	4
40	Fault-Tolerant Resolvability in Some Classes of Line Graphs. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-8	1.1	4

39	Fixed Point Results for Fractal Generation of Complex Polynomials Involving Sine Function via Non-Standard Iterations. <i>IEEE Access</i> , 2020 , 8, 154301-154317	3.5	4
38	Warm vector inflation in brane-world scenario. <i>Astrophysics and Space Science</i> , 2019 , 364, 1	1.6	4
37	The M-polynomials and topological indices of toroidal polyhex network. <i>International Journal of Mathematical Analysis</i> , 2017 , 11, 305-315	1.5	3
36	Hosoya and Harary Polynomials of TOX(n),RTOX(n),TSL(n) and RTSL(n). <i>Discrete Dynamics in Nature and Society</i> , 2019 , 2019, 1-18	1.1	3
35	The Riesz Potential Operator in Optimal Couples of Rearrangement Invariant Spaces. <i>Zeitschrift Fur Analysis Und Ihre Anwendung</i> , 2011 , 219-236	0.8	3
34	Some Computational Aspects of Triangular Boron Nanotubes		3
33	Polynomiography via an iterative method corresponding to Simpsons 13 rule. <i>Journal of Nonlinear Science and Applications</i> , 2016 , 09, 967-976	1.9	3
32	Multi-level and antipodal labelings for certain classes of circulant graphs. <i>Journal of Nonlinear Science and Applications</i> , 2016 , 09, 2832-2845	1.9	3
31	Computational aspects of line graph of carbon nanocones. <i>Journal of the National Science Foundation of Sri Lanka</i> , 2019 , 47, 435	1.6	3
30	The PicardMann iteration with s-convexity in the generation of Mandelbrot and Julia sets. <i>Monatshefte Fur Mathematik</i> , 2021 , 195, 565-584	0.7	3
29	Some properties of E-convex stochastic processes. <i>AIMS Mathematics</i> , 2021 , 6, 726-736	2.2	3
28	Analysis of SC5C7p,q and NPHXp,q Nanotubes via Topological Indices. <i>Journal of Nanomaterials</i> , 2019 , 2019, 1-10	3.2	2
27	Hosoya and Harary polynomials of TUC4 nanotube. <i>Mathematical Methods in the Applied Sciences</i> , 2020 ,	2.3	2
26	Higher Order Methods of the Basic Family of Iterations via S-Iteration Scheme with s-Convexity. <i>Mediterranean Journal of Mathematics</i> , 2020 , 17, 1	0.9	2
25	Optimal Couples of Rearrangement Invariant Spaces for Generalized Maximal Operators. <i>Journal of Function Spaces</i> , 2014 , 2014, 1-5	0.8	2
24	MODIFIED NEW SIXTH-ORDER FIXED POINT ITERATIVE METHODS FOR SOLVING NONLINEAR FUNCTIONAL EQUATIONS. <i>International Journal of Pure and Applied Mathematics</i> , 2016 , 109,		2
23	A NEW CUBICALLY CONVERGENT ITERATIVE METHOD FOR SOLVING NONLINEAR EQUATIONS. <i>International Journal of Pure and Applied Mathematics</i> , 2016 , 111,		2
22	Multilevel distance labeling for generalized Petersen P(4k+2,2) related graphs. <i>International Journal of Mathematical Analysis</i> , 8 , 1027-1039	1.5	2

21	Modification of Abbasbandy's method and polynomigraphy. <i>International Journal of Mathematical Analysis</i> , 10, 1197-1210	1.5	2
20	K Banhatti and K hyper Banhatti indices of circulant graphs. <i>International Journal of Advanced and Applied Sciences</i> , 2018, 5, 107-109	1.2	2
19	New Escape Criteria for Complex Fractals Generation in Jungck-CR Orbit. <i>Indian Journal of Pure and Applied Mathematics</i> , 2020, 51, 1285-1303	0.3	2
18	Flow-Based Clustering on Directed Graphs: A Structural Entropy Minimization Approach. <i>IEEE Access</i> , 2020, 8, 152579-152591	3.5	2
17	Some Fixed Points Results of Quadratic Functions in Split Quaternions. <i>Journal of Function Spaces</i> , 2016, 2016, 1-5	0.8	2
16	Multiplicative topological indices of honeycomb derived networks. <i>Open Physics</i> , 2019, 17, 16-30	1.3	1
15	Boyd indices for quasi-normed function spaces with some bounds. <i>Journal of Inequalities and Applications</i> , 2015, 2015,	2.1	1
14	Modified Abbasbandy's method for solving nonlinear functions with convergence of order six. <i>International Journal of Mathematical Analysis</i> , 2015, 9, 2011-2019	1.5	1
13	A new third-order iterative method for scalar nonlinear equations. <i>International Journal of Mathematical Analysis</i> , 2014, 8, 2141-2150	1.5	1
12	Midpoint Inequalities via Strong Convexity Using Positive Weighted Symmetry Kernels. <i>Journal of Function Spaces</i> , 2021, 2021, 1-11	0.8	1
11	Distance-based invariants of zigzag polyhex nanotube. <i>Mathematical Methods in the Applied Sciences</i> , 2020,	2.3	1
10	Hermite-Hadamard, Jensen, and Fractional Integral Inequalities for Generalized P -Convex Stochastic Processes. <i>Journal of Mathematics</i> , 2021, 2021, 1-9	1.2	1
9	Relations between generalized von Neumann-Jordan and James constants for quasi-Banach spaces. <i>Journal of Inequalities and Applications</i> , 2016, 2016,	2.1	1
8	A Theoretical Examination of the Antioxidant Activity of NH ₂ , OMe, and tert-Butyl Sesamol Derivatives and Their Drug Delivery with C60 Nanocage. <i>Russian Journal of Physical Chemistry A</i> , 2018, 92, 2757-2760	0.7	1
7	Some Midpoint Inequalities for \mathbb{B} -Convex Function via Weighted Fractional Integrals. <i>Journal of Function Spaces</i> , 2022, 2022, 1-12	0.8	0
6	Irregularity Indices of Dendrimer Structures Used as Molecular Disrupter in QSAR Study. <i>Journal of Chemistry</i> , 2019, 2019, 1-21	2.3	
5	Operator (p, \mathbb{B} -Convexity and Some Classical Inequalities. <i>Journal of Mathematics</i> , 2020, 2020, 1-7	1.2	
4	Generators for maximal subgroups of Conway group Co1. <i>Open Mathematics</i> , 2019, 17, 297-312	0.8	

- 3 Corrections to Flow-Based Clustering on Directed Graphs: A Structural Entropy Minimization Approach *IEEE Access*, **2021**, 9, 41676-41677 3.5
- 2 Fractals via Generalized Jungck's Iterative Scheme. *Discrete Dynamics in Nature and Society*, **2021**, 2021, 1-12 1.1
- 1 On Generalized Moduli of Quasi-Banach Space. *Journal of Function Spaces*, **2018**, 2018, 1-10 0.8