Waqas Nazeer

List of Publications by Year in Descending Order

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	Some Midpoint Inequalities for □Convex Function via Weighted Fractional Integrals. *Journal of Function Spaces*, **2022**, 2022, 1-12	0.8	0
109	Midpoint Inequalities via Strong Convexity Using Positive Weighted Symmetry Kernels. *Journal of Function Spaces*, **2021**, 2021, 1-11	0.8	1
108	Hermite-Hadamard, Jensen, and Fractional Integral Inequalities for Generalized P -Convex Stochastic Processes. *Journal of Mathematics*, **2021**, 2021, 1-9	1.2	1
107	The Picard□Mann iteration with s-convexity in the generation of Mandelbrot and Julia sets. *Monatshefte Fur Mathematik*, **2021**, 195, 565-584	0.7	3
106	Corrections to □low-Based Clustering on Directed Graphs: A Structural Entropy Minimization Approach□*IEEE Access*, **2021**, 9, 41676-41677	3.5	
105	On Hermite-Hadamard type inequalities for $ n $-polynomial convex stochastic processes. *AIMS Mathematics*, **2021**, 6, 6322-6339	2.2	6
104	Some properties of □convex stochastic processes. *AIMS Mathematics*, **2021**, 6, 726-736	2.2	3
103	Fractals via Generalized Jungck□ Iterative Scheme. *Discrete Dynamics in Nature and Society*, **2021**, 2021, 1-12	1.1	
102	Hosoya and Harary polynomials of TUC4 nanotube. *Mathematical Methods in the Applied Sciences*, **2020**,	2.3	2
101	Hermite-Hadamard- and Jensen-Type Inequalities for Interval h1,h2 Nonconvex Function. *Journal of Mathematics*, **2020**, 2020, 1-6	1.2	10
100	Higher Order Methods of the Basic Family of Iterations via S-Iteration Scheme with s-Convexity. *Mediterranean Journal of Mathematics*, **2020**, 17, 1	0.9	2
99	Fuel gas production from asphaltene and recycled polyethylene. *Petroleum Science and Technology*, **2020**, 38, 428-431	1.4	4
98	Unification of Generalized and p-Convexity. *Journal of Function Spaces*, **2020**, 2020, 1-6	0.8	4
97	Fractional Hadamard and Fej□-Hadamard Inequalities Associated with Exponentially s,m-Convex Functions. *Journal of Function Spaces*, **2020**, 2020, 1-10	0.8	4
96	On generalized strongly modified h-convex functions. *Journal of Inequalities and Applications*, **2020**, 2020,	2.1	4
95	Fractional generalized Hadamard and Fej□-Hadamard inequalities for m-convex functions. *AIMS Mathematics*, **2020**, 5, 6325-6340	2.2	33
94	New Escape Criteria for Complex Fractals Generation in Jungck-CR Orbit. *Indian Journal of Pure and Applied Mathematics*, **2020**, 51, 1285-1303	0.3	2

93	Flow-Based Clustering on Directed Graphs: A Structural Entropy Minimization Approach. *IEEE Access*, **2020**, 8, 152579-152591	3.5	2
92	Distance-based invariants of zigzag polyhex nanotube. *Mathematical Methods in the Applied Sciences*, **2020**,	2.3	1
91	Operator (p,]-Convexity and Some Classical Inequalities. *Journal of Mathematics*, **2020**, 2020, 1-7	1.2	
90	New Variant of Hermite-Jensen-Mercer Inequalities via Riemann-Liouville Fractional Integral Operators. *Journal of Mathematics*, **2020**, 2020, 1-14	1.2	4
89	Boundedness of Fractional Integral Operators Containing Mittag-Leffler Function via Exponentially s-Convex Functions. *Journal of Mathematics*, **2020**, 2020, 1-7	1.2	6
88	Fault-Tolerant Resolvability in Some Classes of Line Graphs. *Mathematical Problems in Engineering*, **2020**, 2020, 1-8	1.1	4
87	Fixed Point Results for Fractal Generation of Complex Polynomials Involving Sine Function via Non-Standard Iterations. *IEEE Access*, **2020**, 8, 154301-154317	3.5	4
86	Dynamics of Antifractals in Modified S -Iteration Orbit. *IEEE Access*, **2019**, 7, 113114-113120	3.5	4
85	Hermite-Hadamard-type inequalities for functions whose derivatives are -convex via fractional integrals. *Journal of Inequalities and Applications*, **2019**, 2019,	2.1	10
84	(h -m) $(h-m)$ -convex functions and associated fractional Hadamard and Fej-Hadamard inequalities via an extended generalized Mittag-Leffler function. *Journal of Inequalities and Applications*, **2019**, 2019,	2.1	9
83	Fractal Generation via CR Iteration Scheme With S-Convexity. *IEEE Access*, **2019**, 7, 69986-69997	3.5	22
82	Multiplicative topological indices of honeycomb derived networks. *Open Physics*, **2019**, 17, 16-30	1.3	1
81	Potential of Carbon, Silicon, Boron Nitride and Aluminum Phosphide Nanocages as Anodes of Lithium, Sodium and Potassium Ion Batteries: A DFT Study. *Russian Journal of Physical Chemistry B*, **2019**, 13, 156-164	1.2	6
80	Analysis of SC5C7p,q and NPHXp,q Nanotubes via Topological Indices. *Journal of Nanomaterials*, **2019**, 2019, 1-10	3.2	2
79	. *IEEE Access*, **2019**, 7, 35060-35071	3.5	20
78	M-Polynomials and Degree-Based Topological Indices of VC5C7[p,q] and HC5C7[p,q] Nanotubes. *IEEE Access*, **2019**, 7, 41125-41132	3.5	20
77	Hosoya and Harary Polynomials of TOX(n),RTOX(n),TSL(n) and RTSL(n). *Discrete Dynamics in Nature and Society*, **2019**, 2019, 1-18	1.1	3
76	Tricorns and Multicorns in Noor Orbit With s-Convexity. *IEEE Access*, **2019**, 7, 95297-95304	3.5	7

75	Sumudu Decomposition Method for Solving Fuzzy Integro-Differential Equations. *Axioms*, **2019**, 8, 74	1.6	4
74	Boundaries of Filled Julia Sets in Generalized Jungck Mann Orbit. *IEEE Access*, **2019**, 7, 76859-76867	3.5	14
73	Inequalities for a Unified Integral Operator and Associated Results in Fractional Calculus. *IEEE Access*, **2019**, 7, 126283-126292	3.5	33
72	Zagreb Polynomials and redefined Zagreb indices of Dendrimers and Polyomino Chains. *Open Chemistry*, **2019**, 17, 1374-1381	1.6	11
71	New Definition of Atomic Bond Connectivity Index to Overcome Deficiency of Structure Sensitivity and Abruptness in Existing Definition. *Scientific Inquiry and Review*, **2019**, 3, 1-20	1.7	6
70	Computational aspects of line graph of carbon nanocones. *Journal of the National Science Foundation of Sri Lanka*, **2019**, 47, 435	1.6	3
69	Irregularity Indices of Dendrimer Structures Used as Molecular Disrupter in QSAR Study. *Journal of Chemistry*, **2019**, 2019, 1-21	2.3	
68	Useful Irregularity Indices in QSPR Study for Bismuth Tri-Iodide. *Journal of Chemistry*, **2019**, 2019, 1-17	2.3	99
67	Warm vector inflation in brane-world scenario. *Astrophysics and Space Science*, **2019**, 364, 1	1.6	4
66	Zagreb Polynomials and redefined Zagreb indices of nanostar dendrimers. *Open Physics*, **2019**, 17, 31-40	1.3	7
65	Generators for maximal subgroups of Conway group Co1. *Open Mathematics*, **2019**, 17, 297-312	0.8	
64	Some reversed degree-based topological indices for graphene. *Journal of Discrete Mathematical Sciences and Cryptography*, **2019**, 22, 1305-1314	1.7	8
63	On new reversed topological invariants of nanotubes. *Journal of Discrete Mathematical Sciences and Cryptography*, **2019**, 22, 1295-1303	1.7	6
62	Mandelbrot and Julia Sets via Jungck□R Iteration With s □onvexity. *IEEE Access*, **2019**, 7, 12167-12176	3.5	33
61	Topological aspects of some dendrimer structures. *Nanotechnology Reviews*, **2018**, 7, 123-129	6.3	21
60	A comparison between lower and upper approximations in groups with respect to group homomorphisms. *Journal of Intelligent and Fuzzy Systems*, **2018**, 35, 693-703	1.6	5
59	On Eccentricity-Based Topological Indices and Polynomials of Phosphorus-Containing Dendrimers. *Symmetry*, **2018**, 10, 237	2.7	21
58	Calculating the Degree-based Topological Indices of Dendrimers. *Open Chemistry*, **2018**, 16, 681-688	1.6	31

57	On the Multiplicative Degree-Based Topological Indices of Silicon-Carbon Si2C3-I[p,q] and Si2C3-II[p,q]. *Symmetry*, **2018**, 10, 320	2.7	23
56	WALK POLYNOMIAL: A New Graph Invariant. *Applied Mathematics and Nonlinear Sciences*, **2018**, 3, 321-330	4	13
55	Computing Degree-Based Topological Indices of Jahangir Graph. *Engineering and Applied Science Letters*, **2018**, 1(2018), 16-22	2.2	13
54	The Study of Honey Comb Derived Network via Topological Indices. *Open Journal of Mathematical Analysis*, **2018**, 2(2018), 10-26	1.8	26
53	K Banhatti and K hyper Banhatti indices of circulant graphs. *International Journal of Advanced and Applied Sciences*, **2018**, 5, 107-109	1.2	2
52	A Theoretical Examination of the Antioxidant Activity of NH2, OMe, and tert-Butyl Sesamol Derivatives and Their Drug Delivery with C60 Nanocage. *Russian Journal of Physical Chemistry A*, **2018**, 92, 2757-2760	0.7	1
51	On the zagreb polynomials of benzenoid systems. *Open Physics*, **2018**, 16, 734-740	1.3	5
50	Hadamard and Fejér-Hadamard inequalities for extended generalized fractional integrals involving special functions. *Journal of Inequalities and Applications*, **2018**, 2018, 119	2.1	20
49	Bounds of Riemann-Liouville Fractional Integrals in General Form via Convex Functions and Their Applications. *Mathematics*, **2018**, 6, 248	2.3	30
48	On Molecular Descriptors of Carbon Nanocones. *Biomolecules*, **2018**, 8,	5.9	16
47	The Entropy of Weighted Graphs with Atomic Bond Connectivity Edge Weights. *Discrete Dynamics in Nature and Society*, **2018**, 2018, 1-10	1.1	6
46	Some Reverse Degree-Based Topological Indices and Polynomials of Dendrimers. *Mathematics*, **2018**, 6, 214	2.3	32
45	Edge Version of Metric Dimension and Doubly Resolving Sets of the Necklace Graph. *Mathematics*, **2018**, 6, 243	2.3	24
44	M-Polynomials and Degree-Based Topological Indices of the Crystallographic Structure of Molecules. *Biomolecules*, **2018**, 8,	5.9	20
43	Computational Analysis of topological indices of two Boron Nanotubes. *Scientific Reports*, **2018**, 8, 14843	4.9	10
42	Generalized Riemann-Liouville k -Fractional Integrals Associated With Ostrowski Type Inequalities and Error Bounds of Hadamard Inequalities. *IEEE Access*, **2018**, 6, 64946-64953	3.5	61
41	Computations of the M-Polynomials and Degree-Based Topological Indices for Dendrimers and Polyomino Chains. *International Journal of Analytical Chemistry*, **2018**, 2018, 1709073	1.4	6
40	A Generalized Fejér-Hadamard Inequality for Harmonically Convex Functions via Generalized Fractional Integral Operator and Related Results. *Mathematics*, **2018**, 6, 122	2.3	14

39	M-Polynomials and Degree-Based Topological Indices of Triangular, Hourglass, and Jagged-Rectangle Benzenoid Systems. *Journal of Chemistry*, **2018**, 2018, 1-8	2.3	15
38	M-polynomials and topological indices of hex-derived networks. *Open Physics*, **2018**, 16, 394-403	1.3	10
37	M-Polynomials And Topological Indices Of Zigzag And Rhombic Benzenoid Systems. *Open Chemistry* , **2018**, 16, 73-78	1.6	39
36	M-Polynomials and Topological Indices of Dominating David Derived Networks. *Open Chemistry*, **2018**, 16, 201-213	1.6	17
35	On Generalized Moduli of Quasi-Banach Space. *Journal of Function Spaces*, **2018**, 2018, 1-10	0.8	
34	The lower and upper approximations and homomorphisms between lower approximations in quotient groups. *Journal of Intelligent and Fuzzy Systems*, **2017**, 33, 2585-2594	1.6	6
33	The M-polynomials and topological indices of toroidal polyhex network. *International Journal of Mathematical Analysis*, **2017**, 11, 305-315	1.5	3
32	Some Computational Aspects of Boron Triangular Nanotubes. *Symmetry*, **2017**, 9, 6	2.7	18
31	M-Polynomials and topological indices of V-Phenylenic Nanotubes and Nanotori. *Scientific Reports*, **2017**, 7, 8756	4.9	43
30	Calculating degree-based topological indices of dominating David derived networks. *Open Physics*, **2017**, 15, 1015-1021	1.3	9
29	Some Algebraic Polynomials and Topological Indices of Generalized Prism and Toroidal Polyhex Networks. *Symmetry*, **2017**, 9, 5	2.7	12
28	Some Invariants of Jahangir Graphs. *Symmetry*, **2017**, 9, 17	2.7	6
27	MODIFIED NEW SIXTH-ORDER FIXED POINT ITERATIVE METHODS FOR SOLVING NONLINEAR FUNCTIONAL EQUATIONS. *International Journal of Pure and Applied Mathematics*, **2016**, 109,		2
26	A NEW CUBICALLY CONVERGENT ITERATIVE METHOD FOR SOLVING NONLINEAR EQUATIONS. *International Journal of Pure and Applied Mathematics*, **2016**, 111,		2
25	NEW TRICORNS AND MULTICORNS ANTIFRACTALS IN JUNGCK MANN ORBIT. *International Journal of Pure and Applied Mathematics*, **2016**, 111,		7
24	Polynomiography via an iterative method corresponding to Simpsons 13 rule. *Journal of Nonlinear Science and Applications*, **2016**, 09, 967-976	1.9	3
23	A new Householders method free from second derivatives for solving nonlinear equations and polynomiography. *Journal of Nonlinear Science and Applications*, **2016**, 09, 998-1007	1.9	14
22	Generalized Newton Raphsons method free from second derivative. *Journal of Nonlinear Science and Applications*, **2016**, 09, 2823-2831	1.9	9

21	Multi-level and antipodal labelings for certain classes of circulant graphs. *Journal of Nonlinear Science and Applications*, **2016**, 09, 2832-2845	1.9	3
20	Some Fixed Points Results of Quadratic Functions in Split Quaternions. *Journal of Function Spaces*, **2016**, 2016, 1-5	0.8	2
19	M-Polynomial and Related Topological Indices of Nanostar Dendrimers. *Symmetry*, **2016**, 8, 97	2.7	66
18	M-Polynomials and Topological Indices of Titania Nanotubes. *Symmetry*, **2016**, 8, 117	2.7	40
17	Some Invariants of Circulant Graphs. *Symmetry*, **2016**, 8, 134	2.7	35
16	On Center, Periphery and Average Eccentricity for the Convex Polytopes. *Symmetry*, **2016**, 8, 145	2.7	6
15	M-Polynomial and Degree-Based Topological Indices of Polyhex Nanotubes. *Symmetry*, **2016**, 8, 149	2.7	70
14	Relations between generalized von Neumann-Jordan and James constants for quasi-Banach spaces. *Journal of Inequalities and Applications*, **2016**, 2016,	2.1	1
13	Fixed point results for fractal generation in Noor orbit and s-convexity. *SpringerPlus*, **2016**, 5, 1843		10
12	Boyd indices for quasi-normed function spaces with some bounds. *Journal of Inequalities and Applications*, **2015**, 2015,	2.1	1
11	Fixed point results in the generation of Julia and Mandelbrot sets. *Journal of Inequalities and Applications*, **2015**, 2015,	2.1	27
10	Modified Abbasbandy's method for solving nonlinear functions with convergence of order six. *International Journal of Mathematical Analysis*, **2015**, 9, 2011-2019	1.5	1
9	New Fixed Point Results for Fractal Generation in Jungck Noor Orbit withs-Convexity. *Journal of Function Spaces*, **2015**, 2015, 1-7	0.8	17
8	Improvements in Newton-Rapshon method for nonlinear equations using modified Adomian decomposition method. *International Journal of Mathematical Analysis*, **2015**, 9, 1919-1928	1.5	4
7	A new third-order iterative method for scalar nonlinear equations. *International Journal of Mathematical Analysis*, **2014**, 8, 2141-2150	1.5	1
6	Optimal Couples of Rearrangement Invariant Spaces for Generalized Maximal Operators. *Journal of Function Spaces*, **2014**, 2014, 1-5	0.8	2
5	The Riesz Potential Operator in Optimal Couples of Rearrangement Invariant Spaces. *Zeitschrift Fur Analysis Und Ihre Anwendung*, **2011**, 219-236	0.8	3
4	Multilevel distance labeling for generalized Petersen P(4k+2,2) related graphs. *International Journal of Mathematical Analysis*,8, 1027-1039	1.5	2

3	Modification of Abbasbandy's method and polynomigraphy. *International Journal of Mathematical Analysis*,10, 1197-1210	1.5	2
2	The M-polynomials and topological indices of generalized prism network. *International Journal of Mathematical Analysis*,11, 293-303	1.5	8
1	Some Computational Aspects of Triangular Boron Nanotubes		3