

Yu-Ming Chu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2847105/publications.pdf>

Version: 2024-02-01

435
papers

13,736
citations

26610

56
h-index

53190

85
g-index

437
all docs

437
docs citations

437
times ranked

2423
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial neural networking (ANN) analysis for heat and entropy generation in flow of non-Newtonian fluid between two rotating disks. <i>Mathematical Methods in the Applied Sciences</i> , 2023, 46, 3012-3030.	1.2	379
2	NUMERICAL SOLUTION OF TRAVELING WAVES IN CHEMICAL KINETICS: TIME-FRACTIONAL FISHERS EQUATIONS. <i>Fractals</i> , 2022, 30, .	1.8	196
3	Influence of wavy enclosure and nanoparticles on heat release rate of PCM considering numerical study. <i>Journal of Molecular Liquids</i> , 2020, 319, 114121.	2.3	191
4	On some refinements for inequalities involving zero-balanced hypergeometric function. <i>AIMS Mathematics</i> , 2020, 5, 6479-6495.	0.7	190
5	A sharp double inequality involving generalized complete elliptic integral of the first kind. <i>AIMS Mathematics</i> , 2020, 5, 4512-4528.	0.7	189
6	Model-based comparative study of magnetohydrodynamics unsteady hybrid nanofluid flow between two infinite parallel plates with particle shape effects. <i>Mathematical Methods in the Applied Sciences</i> , 2023, 46, 11568-11582.	1.2	181
7	SOME FURTHER EXTENSIONS CONSIDERING DISCRETE PROPORTIONAL FRACTIONAL OPERATORS. <i>Fractals</i> , 2022, 30, .	1.8	176
8	Concavity and bounds involving generalized elliptic integral of the first kind. <i>Journal of Mathematical Inequalities</i> , 2021, , 701-724.	0.5	174
9	On multi-step methods for singular fractional q -integro-differential equations. <i>Open Mathematics</i> , 2021, 19, 1378-1405.	0.5	172
10	Inequalities for generalized trigonometric and hyperbolic functions with one parameter. <i>Journal of Mathematical Inequalities</i> , 2020, , 1-21.	0.5	167
11	Investigation of nano powders influence on melting process within a storage unit. <i>Journal of Molecular Liquids</i> , 2020, 318, 114321.	2.3	163
12	Sharp Bounds for the Weighted Hölder Mean of the Zero-Balanced Generalized Complete Elliptic Integrals. <i>Computational Methods and Function Theory</i> , 2021, 21, 413-426.	0.8	163
13	Melting process of nanoparticle enhanced PCM through storage cylinder incorporating fins. <i>Powder Technology</i> , 2021, 381, 551-560.	2.1	160
14	Sharp bounds for the Toader mean of order 3 in terms of arithmetic, quadratic and contraharmonic means. <i>Mathematica Slovaca</i> , 2020, 70, 1097-1112.	0.3	147
15	Quadratic transformation inequalities for Gaussian hypergeometric function. <i>Journal of Inequalities and Applications</i> , 2018, 2018, 251.	0.5	142
16	Nanoparticle enhanced PCM exergy loss and thermal behavior by means of FVM. <i>Journal of Molecular Liquids</i> , 2020, 320, 114457.	2.3	133
17	Almost sectorial operators on Hilfer derivative fractional impulsive integro-differential equations. <i>Mathematical Methods in the Applied Sciences</i> , 2022, 45, 8045-8059.	1.2	124
18	On the Bounds of the Perimeter of an Ellipse. <i>Acta Mathematica Scientia</i> , 2022, 42, 491-501.	0.5	113

#	ARTICLE	IF	CITATIONS
19	Some new inequalities of Hermite-Hadamard type for s-convex functions with applications. Open Mathematics, 2017, 15, 1414-1430.	0.5	108
20	The effect of market confidence on a financial system from the perspective of fractional calculus: Numerical investigation and circuit realization. Chaos, Solitons and Fractals, 2020, 140, 110223.	2.5	107
21	On approximating the quasi-arithmetic mean. Journal of Inequalities and Applications, 2019, 2019, .	0.5	100
22	Optimal Lehmer Mean Bounds for the Toader Mean. Results in Mathematics, 2012, 61, 223-229.	0.4	95
23	SOME RECENT DEVELOPMENTS ON DYNAMICAL \hat{a}_n -DISCRETE FRACTIONAL TYPE INEQUALITIES IN THE FRAME OF NONSINGULAR AND NONLOCAL KERNELS. Fractals, 2022, 30, .	1.8	95
24	Optimal combinations bounds of root-square and arithmetic means for Toader mean. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2012, 122, 41-51.	0.2	93
25	Significance of activation energy, bio-convection and magnetohydrodynamic in flow of third grade fluid (non-Newtonian) towards stretched surface: A Buongiorno model analysis. International Communications in Heat and Mass Transfer, 2020, 118, 104893.	2.9	90
26	Spectral Entropy Analysis and Synchronization of a Multi-Stable Fractional-Order Chaotic System using a Novel Neural Network-Based Chattering-Free Sliding Mode Technique. Chaos, Solitons and Fractals, 2021, 144, 110576.	2.5	88
27	Solution of Multi-Term Time-Fractional PDE Models Arising in Mathematical Biology and Physics by Local Meshless Method. Symmetry, 2020, 12, 1195.	1.1	84
28	Inequalities by Means of Generalized Proportional Fractional Integral Operators with Respect to Another Function. Mathematics, 2019, 7, 1225.	1.1	83
29	A new analyzing technique for nonlinear time fractional Cauchy reaction-diffusion model equations. Results in Physics, 2020, 19, 103462.	2.0	83
30	Convexity and concavity of the modified Bessel functions of the first kind with respect to H \ddot{A} lder means. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2020, 114, 1.	0.6	83
31	Quantum Hermite-Hadamard inequality by means of a Green function. Advances in Difference Equations, 2020, 2020, .	3.5	82
32	T-Spherical Fuzzy Einstein Hybrid Aggregation Operators and Their Applications in Multi-Attribute Decision Making Problems. Symmetry, 2020, 12, 365.	1.1	81
33	On the variable-order fractional memristor oscillator: Data security applications and synchronization using a type-2 fuzzy disturbance observer-based robust control. Chaos, Solitons and Fractals, 2021, 145, 110681.	2.5	81
34	Monotonicity and convexity involving generalized elliptic integral of the first kind. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2021, 115, 1.	0.6	81
35	Monotonicity criterion for the quotient of power series with applications. Journal of Mathematical Analysis and Applications, 2015, 428, 587-604.	0.5	80
36	Annulus shape tank with convective flow in a porous zone with impose of MHD. International Journal of Modern Physics C, 2020, 31, 2050168.	0.8	80

#	ARTICLE	IF	CITATIONS
37	On approximating the arithmetic-geometric mean and complete elliptic integral of the first kind. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 462, 1714-1726.	0.5	79
38	Sharp Power Mean Inequalities for the Generalized Elliptic Integral of the First Kind. <i>Computational Methods and Function Theory</i> , 2020, 20, 111-124.	0.8	76
39	Deep recurrent neural networks with finite-time terminal sliding mode control for a chaotic fractional-order financial system with market confidence. <i>Chaos, Solitons and Fractals</i> , 2021, 146, 110881.	2.5	73
40	The Hermite-Hadamard Type Inequality of GA-Convex Functions and Its Application. <i>Journal of Inequalities and Applications</i> , 2010, 2010, 1-11.	0.5	69
41	Answers to three conjectures on convexity of three functions involving complete elliptic integrals of the first kind. <i>Applicable Analysis and Discrete Mathematics</i> , 2020, 14, 255-271.	0.3	68
42	Converses of the Jensen inequality derived from the Green functions with applications in information theory. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 2577-2587.	1.2	67
43	Ostrowski type inequalities in the sense of generalized \mathcal{K} -fractional integral operator for exponentially convex functions. <i>AIMS Mathematics</i> , 2020, 5, 2629-2645.	0.7	67
44	A new approach on fractional calculus and probability density function. <i>AIMS Mathematics</i> , 2020, 5, 7041-7054.	0.7	65
45	Inequalities for \hat{I}_{\pm} -fractional differentiable functions. <i>Journal of Inequalities and Applications</i> , 2017, 2017, 93.	0.5	64
46	An optimal power mean inequality for the complete elliptic integrals. <i>Applied Mathematics Letters</i> , 2011, 24, 887-890.	1.5	63
47	Hermite-Hadamard type inequalities for fractional integrals via Green's function. <i>Journal of Inequalities and Applications</i> , 2018, 2018, 161.	0.5	62
48	Refinements of transformation inequalities for zero-balanced hypergeometric functions. <i>Acta Mathematica Scientia</i> , 2017, 37, 607-622.	0.5	61
49	Hermite-Hadamard Type Inequalities for the Class of Convex Functions on Time Scale. <i>Mathematics</i> , 2019, 7, 956.	1.1	61
50	Generalizations of Hermite-Hadamard type inequalities for MT-convex functions. <i>Journal of Nonlinear Science and Applications</i> , 2016, 09, 4305-4316.	0.4	61
51	Linear Diophantine Fuzzy Soft Rough Sets for the Selection of Sustainable Material Handling Equipment. <i>Symmetry</i> , 2020, 12, 1215.	1.1	60
52	The Schur multiplicative and harmonic convexities of the complete symmetric function. <i>Mathematische Nachrichten</i> , 2011, 284, 653-663.	0.4	59
53	Comparative analysis of (Zinc ferrite, Nickel Zinc ferrite) hybrid nanofluids slip flow with entropy generation. <i>Modern Physics Letters B</i> , 2021, 35, 2150342.	1.0	59
54	New quantum boundaries for quantum Simpson's and quantum Newton's type inequalities for preinvex functions. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	59

#	ARTICLE	IF	CITATIONS
55	NEW DEVELOPMENTS IN WEIGHTED n -FOLD TYPE INEQUALITIES VIA DISCRETE GENERALIZED $\hat{a}_{\lambda, \delta}$ -PROPORTIONAL FRACTIONAL OPERATORS. <i>Fractals</i> , 2022, 30, .	1.8	58
56	On rational bounds for the gamma function. <i>Journal of Inequalities and Applications</i> , 2017, 2017, 210.	0.5	57
57	New Perspective on the Conventional Solutions of the Nonlinear Time-Fractional Partial Differential Equations. <i>Complexity</i> , 2020, 2020, 1-10.	0.9	57
58	Some New Refinements of Hermiteâ€“Hadamard-Type Inequalities Involving \hat{I}^k -Riemannâ€“Liouville Fractional Integrals and Applications. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-10.	0.6	57
59	Hermiteâ€“Hadamard type inequalities for co-ordinated convex and quasi-convex functions and their applications. <i>Journal of Inequalities and Applications</i> , 2019, 2019, .	0.5	57
60	Monotonicity, Convexity and Inequalities Involving the Generalized Elliptic Integrals. <i>Acta Mathematica Scientia</i> , 2019, 39, 1440-1450.	0.5	56
61	Sharp Landen transformation inequalities for hypergeometric functions, with applications. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 474, 1306-1337.	0.5	56
62	Landen inequalities for Gaussian hypergeometric function. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2022, 116, 1.	0.6	56
63	Diverse novel analytical and semi-analytical wave solutions of the generalized (2+1)-dimensional shallow water waves model. <i>AIP Advances</i> , 2021, 11, .	0.6	55
64	Unified filters design for singular Markovian jump systems with time-varying delays. <i>Journal of the Franklin Institute</i> , 2016, 353, 3739-3768.	1.9	54
65	Optimal Control of Time-Delay Fractional Equations via a Joint Application of Radial Basis Functions and Collocation Method. <i>Entropy</i> , 2020, 22, 1213.	1.1	54
66	Quantum Ostrowski-type inequalities for twice quantum differentiable functions in quantum calculus. <i>Open Mathematics</i> , 2021, 19, 440-449.	0.5	54
67	New Hermiteâ€“Hadamard type inequalities for n -polynomial harmonically convex functions. <i>Journal of Inequalities and Applications</i> , 2020, 2020, .	0.5	53
68	Simulation and experimental validation of a non-equilibrium chaotic system. <i>Chaos, Solitons and Fractals</i> , 2021, 143, 110539.	2.5	52
69	Quantum Hermiteâ€“Hadamard-type inequalities for functions with convex absolute values of second $q^{\{b\}}$ -derivatives. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	52
70	Neural networks-based adaptive output feedback control for a class of uncertain nonlinear systems with input delay and disturbances. <i>Journal of the Franklin Institute</i> , 2018, 355, 5503-5519.	1.9	51
71	High accuracy asymptotic bounds for the complete elliptic integral of the second kind. <i>Applied Mathematics and Computation</i> , 2019, 348, 552-564.	1.4	51
72	Asymptotical formulas for Gaussian and generalized hypergeometric functions. <i>Applied Mathematics and Computation</i> , 2016, 276, 44-60.	1.4	50

#	ARTICLE	IF	CITATIONS
73	Inequalities and infinite product formula for Ramanujan generalized modular equation function. Ramanujan Journal, 2018, 46, 189-200.	0.4	50
74	Optimal Bounds for Neuman-Sándor Mean in Terms of the Convex Combinations of Harmonic, Geometric, Quadratic, and Contraharmonic Means. Abstract and Applied Analysis, 2012, 2012, 1-9.	0.3	49
75	The Schur concavity, Schur multiplicative and harmonic convexities of the second dual form of the Hamy symmetric function with applications. Journal of Multivariate Analysis, 2012, 105, 412-421.	0.5	49
76	Precise bounds for the weighted Hölder mean of the complete p-elliptic integrals. Journal of Mathematical Analysis and Applications, 2019, 480, 123388.	0.5	49
77	Modified Variational Iteration Algorithm-II: Convergence and Applications to Diffusion Models. Complexity, 2020, 2020, 1-14.	0.9	49
78	New Soliton Solutions of Fractional Jaulent-Miodek System with Symmetry Analysis. Symmetry, 2020, 12, 1001.	1.1	48
79	The unified method for abundant soliton solutions of local time fractional nonlinear evolution equations. Results in Physics, 2021, 22, 103979.	2.0	48
80	Generation of new fractional inequalities via n polynomials s-type convexity with applications. Advances in Difference Equations, 2020, 2020, .	3.5	48
81	New Hermite-Hadamard type inequalities for exponentially convex functions and applications. AIMS Mathematics, 2020, 5, 6874-6901.	0.7	48
82	On approximating the arc lemniscate functions. Indian Journal of Pure and Applied Mathematics, 2022, 53, 316-329.	0.3	47
83	New weighted generalizations for differentiable exponentially convex mapping with application. AIMS Mathematics, 2020, 5, 3525-3546.	0.7	47
84	Ostrowski type inequalities involving conformable fractional integrals. Journal of Inequalities and Applications, 2018, 2018, 70.	0.5	46
85	A Robust q-Rung Orthopair Fuzzy Einstein Prioritized Aggregation Operators with Application towards MCGDM. Symmetry, 2020, 12, 1058.	1.1	46
86	Sharp bounds for the Neuman mean in terms of the quadratic and second Seiffert means. Journal of Inequalities and Applications, 2014, 2014, .	0.5	45
87	Radiative mixed convective flow induced by hybrid nanofluid over a porous vertical cylinder in a porous media with irregular heat sink/source. Case Studies in Thermal Engineering, 2022, 30, 101711.	2.8	45
88	Hybrid BW-EDAS MCDM methodology for optimal industrial robot selection. PLoS ONE, 2021, 16, e0246738.	1.1	44
89	DYNAMICAL ANALYSIS OF NONAUTONOMOUS RLC CIRCUIT WITH THE ABSENCE AND PRESENCE OF ATANGANA-BALEANU FRACTIONAL DERIVATIVE. Journal of Applied Analysis and Computation, 2022, 12, 770-789.	0.2	44
90	Hölder mean inequalities for the complete elliptic integrals. Integral Transforms and Special Functions, 2012, 23, 521-527.	0.8	43

#	ARTICLE	IF	CITATIONS
91	Bounds for complete elliptic integrals of the second kind with applications. Computers and Mathematics With Applications, 2012, 63, 1177-1184.	1.4	43
92	Bounds for the perimeter of an ellipse. Journal of Approximation Theory, 2012, 164, 928-937.	0.5	43
93	Monotonicity properties and bounds for the complete p-elliptic integrals. Journal of Inequalities and Applications, 2018, 2018, 239.	0.5	43
94	Recurrent Neural Network-Based Robust Nonsingular Sliding Mode Control With Input Saturation for a Non-Holonomic Spherical Robot. IEEE Access, 2020, 8, 188441-188453.	2.6	43
95	Quantum variant of Montgomery identity and Ostrowski-type inequalities for the mappings of two variables. Advances in Difference Equations, 2021, 2021, .	3.5	43
96	Refinements of Jensen's and McShane's inequalities with applications. AIMS Mathematics, 2020, 5, 4931-4945.	0.7	43
97	Numerical and Computer Simulations of Cross-Flow in the Streamwise Direction through a Moving Surface Comprising the Significant Impacts of Viscous Dissipation and Magnetic Fields: Stability Analysis and Dual Solutions. Mathematical Problems in Engineering, 2020, 2020, 1-11.	0.6	42
98	New Multi-Parametrized Estimates Having pth-Order Differentiability in Fractional Calculus for Predominating α -Convex Functions in Hilbert Space. Symmetry, 2020, 12, 222.	1.1	41
99	Transportation of heat and mass transport in hydromagnetic stagnation point flow of Carreau nanomaterial: Dual simulations through Runge-Kutta Fehlberg technique. International Communications in Heat and Mass Transfer, 2020, 118, 104858.	2.9	40
100	Fractional generalized Hadamard and Fejér-Hadamard inequalities for η -convex functions. AIMS Mathematics, 2020, 5, 6325-6340.	0.7	40
101	Concavity of the complete elliptic integrals of the second kind with respect to Hölder means. Journal of Mathematical Analysis and Applications, 2012, 395, 637-642.	0.5	39
102	Precise estimates for the solution of Ramanujan's generalized modular equation. Ramanujan Journal, 2019, 49, 653-668.	0.4	39
103	Approximation for the complete elliptic integral of the first kind. Revista De La Real Academia De Ciencias Exactas, Físicas Y Naturales - Serie A: Matemáticas, 2020, 114, 1.	0.6	39
104	Conformable fractional integral inequalities for η - and γ -convex functions. AIMS Mathematics, 2020, 5, 5012-5030.	0.7	38
105	Logarithmically Complete Monotonicity Properties Relating to the Gamma Function. Abstract and Applied Analysis, 2011, 2011, 1-13.	0.3	37
106	Convexity of the complete elliptic integrals of the first kind with respect to Hölder means. Journal of Mathematical Analysis and Applications, 2012, 388, 1141-1146.	0.5	37
107	Asymptotical bounds for complete elliptic integrals of the second kind. Journal of Mathematical Analysis and Applications, 2013, 402, 119-126.	0.5	37
108	On approximating the modified Bessel function of the second kind. Journal of Inequalities and Applications, 2017, 2017, 41.	0.5	37

#	ARTICLE	IF	CITATIONS
109	The concept of coordinate strongly convex functions and related inequalities. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2019, 113, 2235-2251.	0.6	37
110	Association of Jensen's inequality for s-convex function with Csiszr divergence. <i>Journal of Inequalities and Applications</i> , 2019, 2019, .	0.5	37
111	Observer-based mixed passive and H_∞ control for uncertain Markovian jump systems with time delays using quantized measurements. <i>Nonlinear Analysis: Hybrid Systems</i> , 2019, 31, 233-246.	0.2	37
112	Significance of temperature-dependent viscosity and thermal conductivity of Walter's B nanoliquid when sinusoidal wall and motile microorganisms density are significant. <i>Surfaces and Interfaces</i> , 2021, 22, 100849.	1.5	37
113	Physical and hybrid modelling techniques for earth-air heat exchangers in reducing building energy consumption: Performance, applications, progress, and challenges. <i>Solar Energy</i> , 2021, 216, 274-294.	2.9	37
114	A note on generalized convex functions. <i>Journal of Inequalities and Applications</i> , 2019, 2019, .	0.5	37
115	Sharp bounds for Seiffert means in terms of Lehmer means. <i>Journal of Mathematical Inequalities</i> , 2010, 4, 581-586.	0.5	37
116	A power mean inequality involving the complete elliptic integrals. <i>Rocky Mountain Journal of Mathematics</i> , 2014, 44, .	0.2	36
117	Sharp power mean bounds for two Sndor's Yang means. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2019, 113, 2627-2638.	0.6	36
118	Heat and mass transfer analysis for bioconvective flow of Eyring Powell nanofluid over a Riga surface with nonlinear thermal features. <i>Numerical Methods for Partial Differential Equations</i> , 2022, 38, 777-793.	2.0	36
119	Monotonicity rule for the quotient of two functions and its application. <i>Journal of Inequalities and Applications</i> , 2017, 2017, 106.	0.5	35
120	Hybrid ferrofluid along with MWCNT for augmentation of thermal behavior of fluid during natural convection in a cavity. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, .	1.2	35
121	Assessment of bioconvection in magnetized Sutterby nanofluid configured by a rotating disk: A numerical approach. <i>Modern Physics Letters B</i> , 2021, 35, 2150202.	1.0	35
122	New solitary wave solutions to the coupled Maccari's system. <i>Results in Physics</i> , 2021, 21, 103801.	2.0	35
123	Artificial macro-economics: A chaotic discrete-time fractional-order laboratory model. <i>Chaos, Solitons and Fractals</i> , 2021, 145, 110776.	2.5	35
124	New estimates considering the generalized proportional Hadamard fractional integral operators. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	35
125	Some new local fractional inequalities associated with generalized (s,m) -convex functions and applications. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	35
126	New fractional approaches for n-polynomial P-convexity with applications in special function theory. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	35

#	ARTICLE	IF	CITATIONS
127	Integral inequalities via Raina's fractional integrals operator with respect to a monotone function. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	35
128	Bounding the convex combination of arithmetic and integral means in terms of one-parameter harmonic and geometric means. <i>Miskolc Mathematical Notes</i> , 2019, 20, 1157.	0.3	35
129	Prabhakar fractional derivative and its applications in the transport phenomena containing nanoparticles. <i>Thermal Science</i> , 2021, 25, 411-416.	0.5	35
130	Generalized Hersch-Pfluger distortion function and complete elliptic integrals. <i>Journal of Mathematical Analysis and Applications</i> , 2012, 385, 221-229.	0.5	34
131	Conformable Fractional Integrals Versions of Hermite-Hadamard Inequalities and Their Generalizations. <i>Journal of Function Spaces</i> , 2018, 2018, 1-9.	0.4	34
132	Fractional Integral Inequalities for Strongly h -Preinvex Functions for a k th Order Differentiable Functions. <i>Symmetry</i> , 2019, 11, 1448.	1.1	34
133	ON THE APPROXIMATE SOLUTIONS FOR A SYSTEM OF COUPLED KORTEWEG-DE VRIES EQUATIONS WITH LOCAL FRACTIONAL DERIVATIVE. <i>Fractals</i> , 2021, 29, 2140012.	1.8	34
134	New Hermite-Jensen-Mercer-type inequalities via k -fractional integrals. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	34
135	Some unified bounds for exponentially s -convex functions governed by conformable fractional operators. <i>AIMS Mathematics</i> , 2020, 5, 6108-6123.	0.7	34
136	Convexity with respect to Hölder mean involving zero-balanced hypergeometric functions. <i>Journal of Mathematical Analysis and Applications</i> , 2009, 353, 256-259.	0.5	33
137	Fixed-time stochastic outer synchronization in double-layered multi-weighted coupling networks with adaptive chattering-free control. <i>Neurocomputing</i> , 2020, 399, 8-17.	3.5	33
138	Effect of nonuniform magnetic field on thermal performance of nanofluid flow in angled junction. <i>International Journal of Modern Physics C</i> , 2021, 32, 2150001.	0.8	33
139	A new bound for the Jensen gap pertaining twice differentiable functions with applications. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	33
140	Sharp bounds for the lemniscatic mean by the one-parameter geometric and quadratic means. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2022, 116, 1.	0.6	33
141	Majorization theorems for strongly convex functions. <i>Journal of Inequalities and Applications</i> , 2019, 2019, .	0.5	32
142	A Note on Reverse Minkowski Inequality via Generalized Proportional Fractional Integral Operator with respect to Another Function. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-12.	0.6	32
143	Two optimal double inequalities between power mean and logarithmic mean. <i>Computers and Mathematics With Applications</i> , 2010, 60, 83-89.	1.4	31
144	Exploration of Lorentz force on a paraboloid stretched surface in flow of Ree-Eyring nanomaterial. <i>Journal of Materials Research and Technology</i> , 2020, 9, 10265-10275.	2.6	31

#	ARTICLE	IF	CITATIONS
145	Perturbation solution of the multiphase flows of third grade dispersions suspended with Hafnium and crystal particles. <i>Surfaces and Interfaces</i> , 2021, 22, 100803.	1.5	31
146	Sharp power mean bounds for the lemniscate type means. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2021, 115, 1.	0.6	31
147	Fractional inclusions of the Hermite-Hadamard type for m-polynomial convex interval-valued functions. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	31
148	Sharp Generalized Seiffert Mean Bounds for Toader Mean. <i>Abstract and Applied Analysis</i> , 2011, 2011, 1-8.	0.3	30
149	Discrete majorization type inequalities for convex functions on rectangles. <i>Journal of Inequalities and Applications</i> , 2019, 2019, .	0.5	30
150	New fractional estimates for Hermite-Hadamard-Mercer's type inequalities. <i>AEJ - Alexandria Engineering Journal</i> , 2020, 59, 3079-3089.	3.4	30
151	Mathematical analysis of HBV and HCV co-infection model under nonsingular fractional order derivative. <i>Results in Physics</i> , 2021, 28, 104582.	2.0	30
152	On Sharp Bounds on Partition Dimension of Convex Polytopes. <i>IEEE Access</i> , 2020, 8, 224781-224790.	2.6	30
153	On new fractional integral inequalities for p-convexity within interval-valued functions. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	30
154	Certain novel estimates within fractional calculus theory on time scales. <i>AIMS Mathematics</i> , 2020, 5, 6073-6086.	0.7	30
155	Inequalities for the generalized elliptic integrals and modular functions. <i>Journal of Mathematical Analysis and Applications</i> , 2007, 331, 1275-1283.	0.5	29
156	Inequalities between Arithmetic-Geometric, Gini, and Toader Means. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-11.	0.3	29
157	Optimal bounds for the generalized Euler-Mascheroni constant. <i>Journal of Inequalities and Applications</i> , 2018, 2018, 118.	0.5	29
158	Sharp bounds for Neuman means in terms of two-parameter contraharmonic and arithmetic mean. <i>Journal of Inequalities and Applications</i> , 2019, 2019, .	0.5	29
159	New post quantum analogues of Ostrowski-type inequalities using new definitions of left-right (p,q) -derivatives and definite integrals. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	29
160	Delay dynamic double integral inequalities on time scales with applications. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	29
161	Generalization of Hermite-Hadamard Type Inequalities via Conformable Fractional Integrals. <i>Journal of Function Spaces</i> , 2018, 2018, 1-12.	0.4	28
162	Interpretation of entropy generation in Williamson fluid flow with nonlinear thermal radiation and first-order velocity slip. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 7756-7765.	1.2	28

#	ARTICLE	IF	CITATIONS
163	Peristaltic activity for electro-kinetic complex driven cilia transportation through a non-uniform channel. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 200, 105926.	2.6	28
164	Optimal Homotopic Exploration of Features of Cattaneo-Christov Model in Second Grade Nanofluid Flow via Darcy-Forchheimer Medium Subject to Viscous Dissipation and Thermal Radiation. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2022, 25, 2485-2497.	0.6	28
165	NEW GENERALIZATIONS IN THE SENSE OF THE WEIGHTED NON-SINGULAR FRACTIONAL INTEGRAL OPERATOR. <i>Fractals</i> , 2020, 28, 2040003.	1.8	28
166	Numerical Approximation of Fractional-Order Volterra Integrodifferential Equation. <i>Journal of Function Spaces</i> , 2020, 2020, 1-12.	0.4	28
167	An optimal double inequality between geometric and identric means. <i>Applied Mathematics Letters</i> , 2012, 25, 471-475.	1.5	27
168	Sharp bounds for a special quasi-arithmetic mean in terms of arithmetic and geometric means with two parameters. <i>Journal of Inequalities and Applications</i> , 2017, 2017, 274.	0.5	27
169	Sharp one-parameter geometric and quadratic means bounds for the Sándor–Yang means. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2020, 114, 1.	0.6	27
170	$2D$ approximately reciprocal κ -convex functions and associated integral inequalities. <i>AIMS Mathematics</i> , 2020, 5, 4662-4680.	0.7	27
171	Bounds of the Neuman–Sándor Mean Using Power and Identric Means. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-6.	0.3	26
172	q-Rung Orthopair Fuzzy Geometric Aggregation Operators Based on Generalized and Group-Generalized Parameters with Application to Water Loss Management. <i>Symmetry</i> , 2020, 12, 1236.	1.1	26
173	Reliable filter design for discrete-time neural networks with Markovian jumping parameters and time-varying delay. <i>Journal of the Franklin Institute</i> , 2020, 357, 2892-2915.	1.9	26
174	Some New Hermite–Hadamard-Type Inequalities Associated with Conformable Fractional Integrals and Their Applications. <i>Journal of Function Spaces</i> , 2020, 2020, 1-18.	0.4	26
175	Critical values in axisymmetric flow of magneto-Cross nanomaterial towards a radially shrinking disk. <i>International Journal of Modern Physics B</i> , 2021, 35, 2150105.	1.0	26
176	TRACKING CONTROL AND STABILIZATION OF A FRACTIONAL FINANCIAL RISK SYSTEM USING NOVEL ACTIVE FINITE-TIME FAULT-TOLERANT CONTROLS. <i>Fractals</i> , 2021, 29, 2150155.	1.8	26
177	On Szegő and Čebyšev type inequalities via generalized k -fractional integrals. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	26
178	Some new Simpson-type inequalities for generalized p -convex function on fractal sets with applications. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	26
179	Conformable integral version of Hermite-Hadamard-Fejér inequalities via κ -convex functions. <i>AIMS Mathematics</i> , 2020, 5, 5106-5120.	0.7	26
180	Optimal convex combination bounds of Seiffert and geometric means for the arithmetic mean. <i>Journal of Mathematical Inequalities</i> , 2011, , 429-434.	0.5	26

#	ARTICLE	IF	CITATIONS
181	New Estimations for Shannon and Zipfâ€“Mandelbrot Entropies. Entropy, 2018, 20, 608.	1.1	25
182	Two sharp inequalities for Lehmer mean, identric mean and logarithmic mean. Journal of Mathematical Inequalities, 2011, , 301-306.	0.5	25
183	Schur-Convexity for a Class of Symmetric Functions and Its Applications. Journal of Inequalities and Applications, 2009, 2009, 493759.	0.5	24
184	The Schur Harmonic Convexity of the Hamy Symmetric Function and Its Applications. Journal of Inequalities and Applications, 2009, 2009, 838529.	0.5	24
185	Two sharp double inequalities for Seiffert mean. Journal of Inequalities and Applications, 2011, 2011, .	0.5	24
186	Sharp bounds for generalized elliptic integrals of the first kind. Journal of Mathematical Analysis and Applications, 2015, 429, 744-757.	0.5	24
187	Schur m-power convexity of generalized geometric Bonferroni mean involving three parameters. Journal of Inequalities and Applications, 2019, 2019, .	0.5	24
188	Study of capabilities of the ANN and RSM models to predict the thermal conductivity of nanofluids containing SiO2 nanoparticles. Journal of Thermal Analysis and Calorimetry, 2021, 145, 1993-2003.	2.0	24
189	OPTIMAL CONTROL OF NONLINEAR TIME-DELAY FRACTIONAL DIFFERENTIAL EQUATIONS WITH DICKSON POLYNOMIALS. Fractals, 2021, 29, 2150079.	1.8	24
190	A unifying computational framework for novel estimates involving discrete fractional calculus approaches. AEJ - Alexandria Engineering Journal, 2021, 60, 2677-2685.	3.4	24
191	Functional inequalities for Gaussian hypergeometric function and generalized elliptic integral of the first kind. Mathematica Slovaca, 2021, 71, 667-682.	0.3	24
192	Fractional integral versions of Hermite-Hadamard type inequality for generalized exponentially convexity. AIMS Mathematics, 2020, 5, 6030-6042.	0.7	24
193	Sharp bounds for Seiffert and Neuman-SĂındor means in terms of generalized logarithmic means. Journal of Inequalities and Applications, 2013, 2013, .	0.5	23
194	Adaptive finite-time control for stochastic nonlinear systems subject to unknown covariance noise. Journal of the Franklin Institute, 2018, 355, 2645-2661.	1.9	23
195	Dynamical analysis and phase portraits of two-mode waves in different media. Results in Physics, 2020, 19, 103650.	2.0	23
196	Post Quantum Integral Inequalities of Hermite-Hadamard-Type Associated with Co-Ordinated Higher-Order Generalized Strongly Pre-Invex and Quasi-Pre-Invex Mappings. Symmetry, 2020, 12, 443.	1.1	23
197	The effects of L-shaped heat source in a quarter-tube enclosure filled with MHD nanofluid on heat transfer and irreversibilities, using LBM: numerical data, optimization using neural network algorithm (ANN). Journal of Thermal Analysis and Calorimetry, 2021, 144, 2435.	2.0	23
198	Hybrid nanomaterial treatment within a permeable tank considering irreversibility. International Journal of Modern Physics C, 2021, 32, 2150061.	0.8	23

#	ARTICLE	IF	CITATIONS
199	A new generalization of some quantum integral inequalities for quantum differentiable convex functions. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	23
200	Revisiting the Hermite-Hadamard fractional integral inequality via a Green function. <i>AIMS Mathematics</i> , 2020, 5, 6087-6107.	0.7	23
201	Necessary and sufficient conditions such that extended mean values are Schur-convex or Schur-concave. <i>Kyoto Journal of Mathematics</i> , 2008, 48, .	0.2	22
202	Impacts of Freezing Temperature Based Thermal Conductivity on the Heat Transfer Gradient in Nanofluids: Applications for a Curved Riga Surface. <i>Molecules</i> , 2020, 25, 2152.	1.7	22
203	Petrović-Type Inequalities for Harmonic h -convex Functions. <i>Journal of Function Spaces</i> , 2020, 2020, 1-7.	0.4	22
204	Fractional Hermite-Hadamard-type inequalities for interval-valued co-ordinated convex functions. <i>Open Mathematics</i> , 2021, 19, 1081-1097.	0.5	22
205	Partially ionized hybrid nanofluid flow with thermal stratification. <i>Journal of Materials Research and Technology</i> , 2021, 11, 1457-1468.	2.6	22
206	Sharp bounds for Toader mean in terms of contraharmonic mean with applications. <i>Journal of Mathematical Inequalities</i> , 2013, , 161-166.	0.5	22
207	Sharp bounds for the Toader-Qi mean in terms of harmonic and geometric means. <i>Journal of Mathematical Inequalities</i> , 2017, , 121-127.	0.5	22
208	Remarks on generalized elliptic integrals. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2009, 139, 417-426.	0.8	21
209	Asymptotic formulas for gamma function with applications. <i>Applied Mathematics and Computation</i> , 2015, 270, 665-680.	1.4	21
210	Integral Inequalities Involving Strongly Convex Functions. <i>Journal of Function Spaces</i> , 2018, 2018, 1-8.	0.4	21
211	Better Approaches for n -Times Differentiable Convex Functions. <i>Mathematics</i> , 2020, 8, 950.	1.1	21
212	Event-triggered filtering for discrete-time Markovian jump systems with additive time-varying delays. <i>Applied Mathematics and Computation</i> , 2021, 391, 125630.	1.4	21
213	Mathematical modeling of multiphase flows of third-grade fluid with lubrication effects through an inclined channel: analytical treatment. <i>Journal of Dispersion Science and Technology</i> , 2022, 43, 1555-1567.	1.3	21
214	Sharp bounds for the Sándor–Yang means in terms of arithmetic and contra-harmonic means. <i>Journal of Inequalities and Applications</i> , 2018, 2018, 127.	0.5	20
215	Hermite-Hadamard-Fejér Inequalities for Conformable Fractional Integrals via Preinvex Functions. <i>Journal of Function Spaces</i> , 2019, 2019, 1-9.	0.4	20
216	Thermophoretic particles deposition features in thermally developed flow of Maxwell fluid between two infinite stretched disks. <i>Journal of Materials Research and Technology</i> , 2020, 9, 12889-12898.	2.6	20

#	ARTICLE	IF	CITATIONS
217	Mathematical modeling of ferro-magnetic fluid bounded within ciliated walls of wavy channel. Numerical Methods for Partial Differential Equations, 2024, 40, .	2.0	20
218	Some new extensions for fractional integral operator having exponential in the kernel and their applications in physical systems. Open Physics, 2020, 18, 478-491.	0.8	20
219	Schur convexity and Hadamard's inequality. Mathematical Inequalities and Applications, 2010, , 725-731.	0.1	20
220	Monotonicity and inequalities involving zero-balanced hypergeometric function. Mathematical Inequalities and Applications, 2019, , 601-617.	0.1	20
221	Monotonic and Logarithmically Convex Properties of a Function Involving Gamma Functions. Journal of Inequalities and Applications, 2009, 2009, 728612.	0.5	19
222	Schur convexity for a class of symmetric functions. Science China Mathematics, 2010, 53, 465-474.	0.8	19
223	Conformable Integral Inequalities of the Hermite-Hadamard Type in terms of GG- and GA-Convexities. Journal of Function Spaces, 2019, 2019, 1-8.	0.4	19
224	Existence and Uniqueness of Uncertain Fractional Backward Difference Equations of Riemann-Liouville Type. Mathematical Problems in Engineering, 2020, 2020, 1-8.	0.6	19
225	Modeling and simulation of micro-rotation and spin gradient viscosity for ferromagnetic hybrid (Manganese Zinc Ferrite, Nickel Zinc Ferrite) nanofluids. Mathematics and Computers in Simulation, 2021, 185, 497-509.	2.4	19
226	Two-phase flow of couple stress fluid thermally effected slip boundary conditions: Numerical analysis with variable liquids properties. AEJ - Alexandria Engineering Journal, 2022, 61, 3821-3830.	3.4	19
227	New converses of Jensen inequality via Green functions with applications. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2020, 114, 1.	0.6	19
228	Computational study of solid-liquid supercritical flow of 4th-grade fluid through magnetized surface. Physica Scripta, 2021, 96, 015201.	1.2	19
229	On Cauchy-Schwarz inequality for N-tuple diamond-alpha integral. Journal of Inequalities and Applications, 2020, 2020, .	0.5	19
230	Optimal bounds for Toader mean in terms of arithmetic and contraharmonic means. Journal of Mathematical Inequalities, 2013, , 751-757.	0.5	19
231	Computation of Zagreb Polynomials and Zagreb Indices for Benzenoid Triangular & Hourglass System. Polycyclic Aromatic Compounds, 2023, 43, 4386-4395.	1.4	19
232	Weighted Hermite-Hadamard type inclusions for products of co-ordinated convex interval-valued functions. Advances in Difference Equations, 2021, 2021, .	3.5	18
233	Thermal and boundary layer flow analysis for MWCNT-SiO ₂ hybrid nanoparticles: An experimental thermal model. Modern Physics Letters B, 2021, 35, 2150303.	1.0	18
234	Optimal two-parameter geometric and arithmetic mean bounds for the S ₁ -Yang mean. Journal of Inequalities and Applications, 2019, 2019, .	0.5	18

#	ARTICLE	IF	CITATIONS
235	Two-Variable Quantum Integral Inequalities of Simpson-Type Based on Higher-Order Generalized Strongly Preinvex and Quasi-Preinvex Functions. <i>Symmetry</i> , 2020, 12, 51.	1.1	18
236	Sharp Power Mean Bounds for the Combination of Seiffert and Geometric Means. <i>Abstract and Applied Analysis</i> , 2010, 2010, 1-12.	0.3	17
237	The Optimal Upper and Lower Power Mean Bounds for a Convex Combination of the Arithmetic and Logarithmic Means. <i>Abstract and Applied Analysis</i> , 2010, 2010, 1-9.	0.3	17
238	Accurate approximations for the complete elliptic integral of the second kind. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 438, 875-888.	0.5	17
239	Integral Majorization Type Inequalities for the Functions in the Sense of Strong Convexity. <i>Journal of Function Spaces</i> , 2019, 2019, 1-11.	0.4	17
240	Computational investigation of non-uniform magnetic field on thermal characteristic of nanofluid stream inside 180° elbow pipe. <i>Modern Physics Letters B</i> , 2021, 35, 2150157.	1.0	17
241	On development of heat transportation through bioconvection of Maxwell nanofluid flow due to an extendable sheet with radiative heat flux and prescribed surface temperature and prescribed heat flux conditions. <i>Mathematical Methods in the Applied Sciences</i> , 2023, 46, 11355-11372.	1.2	17
242	A Double Inequality for Gamma Function. <i>Journal of Inequalities and Applications</i> , 2009, 2009, 503782.	0.5	16
243	An Optimal Double Inequality between Power-Type Heron and Seiffert Means. <i>Journal of Inequalities and Applications</i> , 2010, 2010, 146945.	0.5	16
244	Sharp Bounds for Seiffert Mean in Terms of Contraharmonic Mean. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-6.	0.3	16
245	Best Possible Bounds for Neuman-Sándor Mean by the Identric, Quadratic and Contraharmonic Means. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-12.	0.3	16
246	Sharp bounds for the arithmetic-geometric mean. <i>Journal of Inequalities and Applications</i> , 2014, 2014, 192.	0.5	16
247	Modeling and dual solutions for magnetized mixed convective stagnation point flow of upper convected Maxwell fluid model with second-order velocity slip. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	1.2	16
248	ACHIEVING MORE PRECISE BOUNDS BASED ON DOUBLE AND TRIPLE INTEGRAL AS PROPOSED BY GENERALIZED PROPORTIONAL FRACTIONAL OPERATORS IN THE HILFER SENSE. <i>Fractals</i> , 2021, 29, 2140027.	1.8	16
249	On Reverse Degree Based Topological Indices of Polycyclic Metal Organic Network. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 4386-4403.	1.4	16
250	Reliable methods to look for analytical and numerical solutions of a nonlinear differential equation arising in heat transfer with the conformable derivative. <i>Mathematical Methods in the Applied Sciences</i> , 2023, 46, 11342-11354.	1.2	16
251	Generalized trapezium-type inequalities in the settings of fractal sets for functions having generalized convexity property. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	16
252	A Class of Logarithmically Completely Monotonic Functions Associated with a Gamma Function. <i>Journal of Inequalities and Applications</i> , 2010, 2010, 392431.	0.5	15

#	ARTICLE	IF	CITATIONS
253	Second-Order Differential Equation: Oscillation Theorems and Applications. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-6.	0.6	15
254	On Discrete Fractional Integral Inequalities for a Class of Functions. <i>Complexity</i> , 2020, 2020, 1-13.	0.9	15
255	Topological Properties of Polycyclic Aromatic Nanostars Dendrimers. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 1891-1908.	1.4	15
256	On New Modifications Governed by Quantum Hahn's Integral Operator Pertaining to Fractional Calculus. <i>Journal of Function Spaces</i> , 2020, 2020, 1-12.	0.4	15
257	Mathematical modeling and experimental analysis of the efficacy of photodynamic therapy in conjunction with photo thermal therapy and PEG-coated Au-doped TiO ₂ nanostructures to target MCF-7 cancerous cells. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1226-1232.	1.8	15
258	Energetic and exergetic analysis of a new circular micro-heat sink containing nanofluid: applicable for cooling electronic equipment. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 145, 1547-1557.	2.0	15
259	Extensions of Hermite's Hadamard inequalities for harmonically convex functions via generalized fractional integrals. <i>Journal of Inequalities and Applications</i> , 2021, 2021, .	0.5	15
260	Fractional residual power series method for the analytical and approximate studies of fractional physical phenomena. <i>Open Physics</i> , 2020, 18, 799-805.	0.8	15
261	The schur convexity of gini mean values in the sense of harmonic mean. <i>Acta Mathematica Scientia</i> , 2011, 31, 1103-1112.	0.5	14
262	Fractional Difference Equations with Real Variable. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-24.	0.3	14
263	A New Bound for the Jensen Gap With Applications in Information Theory. <i>IEEE Access</i> , 2020, 8, 98001-98008.	2.6	14
264	Degree-Based Topological Aspects of Polyphenylene Nanostructures. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 2591-2606.	1.4	14
265	On bounds for topological descriptors of Ĩ-sum graphs. <i>Journal of Taibah University for Science</i> , 2020, 14, 1288-1301.	1.1	14
266	New explicit optical solitons of fractional nonlinear evolution equation via three different methods. <i>Results in Physics</i> , 2020, 18, 103209.	2.0	14
267	Optimization and effect of wall conduction on natural convection in a cavity with constant temperature heat source: Using lattice Boltzmann method and neural network algorithm. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 144, 2449-2463.	2.0	14
268	New numerical approach for time-fractional partial differential equations arising in physical system involving natural decomposition method. <i>Physica Scripta</i> , 2021, 96, 105204.	1.2	14
269	Notes on the complete elliptic integral of the first kind. <i>Mathematical Inequalities and Applications</i> , 2020, , 77-93.	0.1	14
270	Quantum Analogs of Ostrowski-Type Inequalities for Raina's Function correlated with Coordinated Generalized Ĩ ₁ -Convex Functions. <i>Symmetry</i> , 2020, 12, 308.	1.1	13

#	ARTICLE	IF	CITATIONS
271	A higher order slip flow of generalized Micropolar nanofluid with applications of motile microorganisms, nonlinear thermal radiation and activation energy. International Journal of Modern Physics B, 2021, 35, 2150095.	1.0	13
272	New Estimates for Csiszár Divergence and Zipf-Mandelbrot Entropy via Jensen-Mercer's Inequality. Complexity, 2020, 2020, 1-8.	0.9	13
273	Landen inequalities for a class of hypergeometric functions with applications. Mathematical Inequalities and Applications, 2018, , 521-537.	0.1	13
274	Monotonicity properties and bounds involving the complete elliptic integrals of the first kind. Mathematical Inequalities and Applications, 2018, , 1185-1199.	0.1	13
275	Topological Study of Polycyclic Graphite Carbon Nitride. Polycyclic Aromatic Compounds, 2022, 42, 3203-3215.	1.4	13
276	New Estimates of $\int_0^q \int_0^n$ Inequalities within a Class of $\int_0^q \int_0^n$ -Polynomial Preximity of Functions. Journal of Function Spaces, 2020, 2020, 1-13.	0.4	12
277	On Scale Parameter Monitoring of the Rayleigh Distributed Data Using a New Design. IEEE Access, 2020, 8, 188390-188400.	2.6	12
278	Numerical simulation and modeling of entropy generation in Marangoni convective flow of nanofluid with activation energy. Numerical Methods for Partial Differential Equations, 2023, 39, 4421-4431.	2.0	12
279	Using artificial neural networks to predict the rheological behavior of non-Newtonian graphene-ethylene glycol nanofluid. Journal of Thermal Analysis and Calorimetry, 2021, 145, 1925-1934.	2.0	12
280	Joule heating, activation energy and modified diffusion analysis for 3D slip flow of tangent hyperbolic nanofluid with gyrotactic microorganisms. Modern Physics Letters B, 0, , 2150278.	1.0	12
281	Ostrowski type inequalities involving conformable integrals via preinvex functions. AIP Advances, 2020, 10, .	0.6	12
282	Certain new weighted estimates proposing generalized proportional fractional operator in another sense. Advances in Difference Equations, 2020, 2020, .	3.5	12
283	On approximating the error function. Mathematical Inequalities and Applications, 2018, , 469-479.	0.1	12
284	Optimal Lower Power Mean Bound for the Convex Combination of Harmonic and Logarithmic Means. Abstract and Applied Analysis, 2011, 2011, 1-9.	0.3	11
285	On Approximating the Toader Mean by Other Bivariate Means. Journal of Function Spaces, 2019, 2019, 1-7.	0.4	11
286	New Simpson Type Integral Inequalities for s -Convex Functions and Their Applications. Mathematical Problems in Engineering, 2020, 2020, 1-12.	0.6	11
287	Fractal Ion Acoustic Waves of the Space-Time Fractional Three Dimensional KP Equation. Advances in Mathematical Physics, 2020, 2020, 1-7.	0.4	11
288	On New Unified Bounds for a Family of Functions via Fractional $\int_0^q \int_0^n$ -Calculus Theory. Journal of Function Spaces, 2020, 2020, 1-9.	0.4	11

#	ARTICLE	IF	CITATIONS
289	On the optical solutions to nonlinear Schrödinger equation with second-order spatiotemporal dispersion. <i>Open Physics</i> , 2021, 19, 111-118.	0.8	11
290	Combination of Shehu decomposition and variational iteration transform methods for solving fractional third order dispersive partial differential equations. <i>Numerical Methods for Partial Differential Equations</i> , 2024, 40, .	2.0	11
291	NEW NEWTON'S TYPE ESTIMATES PERTAINING TO LOCAL FRACTIONAL INTEGRAL VIA GENERALIZED p -CONVEXITY WITH APPLICATIONS. <i>Fractals</i> , 2021, 29, 2140018.	1.8	11
292	A novel comprehensive analysis on generalized harmonically η -convex with respect to Raina's function on fractal set with applications. <i>Mathematical Methods in the Applied Sciences</i> , 0, .	1.2	11
293	Numerical evaluation of exergy efficiency of innovative turbulators in solar collector filled with hybrid nanofluid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 145, 1559-1574.	2.0	11
294	Modeling and numerical computation of nonsimilar forced convective flow of viscous material towards an exponential surface. <i>International Journal of Modern Physics B</i> , 2021, 35, 2150118.	1.0	11
295	Novel Iteration Schemes for Computing Zeros of Non-Linear Equations With Engineering Applications and Their Dynamics. <i>IEEE Access</i> , 2021, 9, 92246-92262.	2.6	11
296	SOME INEQUALITIES FOR THE GENERALIZED GRÄTZSCH FUNCTION. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2008, 51, 265-272.	0.2	10
297	Solution of an open problem for Schur convexity or concavity of the Gini mean values. <i>Science in China Series A: Mathematics</i> , 2009, 52, 2099-2106.	0.5	10
298	Inequalities for the Gaussian hypergeometric function. <i>Science China Mathematics</i> , 2014, 57, 2369-2380.	0.8	10
299	Optimal power mean bounds for Yang mean. <i>Journal of Inequalities and Applications</i> , 2014, 2014, 401.	0.5	10
300	Sharp power mean bounds for Seiffert mean. <i>Applied Mathematics</i> , 2014, 29, 101-107.	0.6	10
301	Generalized Wilker-type inequalities with two parameters. <i>Journal of Inequalities and Applications</i> , 2016, 2016, .	0.5	10
302	Improvements of bounds for the Šándor's Yang means. <i>Journal of Inequalities and Applications</i> , 2019, 2019, .	0.5	10
303	On the Analytical and Numerical Solutions in the Quantum Magnetoplasmas: The Atangana Conformable Derivative ($\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle T_j \text{ ETQq1 1 0.784314 } \frac{\text{rgBT}}{10} \text{ /Overlock 10 T}$) with Power-Law Nonlinearity. <i>Advances in Mathematical Physics</i> , 2020, 2020, 1-10.	0.4	10
304	Inequalities for the generalized weighted mean values of g -convex functions with applications. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2020, 114, 1.	0.6	10
305	Darcy Forchheimer electromagnetic stretched flow of carbon nanotubes over an inclined cylinder: Entropy optimization and quartic chemical reaction. <i>Mathematical Methods in the Applied Sciences</i> , 0, .	1.2	10
306	Heat transfer analysis on MHD flow over a stretchable Riga wall considering Entropy generation rate: A numerical study. <i>Numerical Methods for Partial Differential Equations</i> , 2024, 40, .	2.0	10

#	ARTICLE	IF	CITATIONS
307	The right Riemann–Liouville fractional Hermite–Hadamard type inequalities derived from Green’s function. <i>AIP Advances</i> , 2020, 10, .	0.6	10
308	New estimates for generalized Shannon and Zipf-Mandelbrot entropies via convexity results. <i>Results in Physics</i> , 2020, 18, 103305.	2.0	10
309	New algorithm for the approximate solution of generalized seventh order Korteweg-Devries equation arising in shallow water waves. <i>Results in Physics</i> , 2021, 20, 103744.	2.0	10
310	NEW MULTI-FUNCTIONAL APPROACH FOR \hat{n} TH-ORDER DIFFERENTIABILITY GOVERNED BY FRACTIONAL CALCULUS VIA APPROXIMATELY GENERALIZED $(\hat{r}, \hat{a}_{,,})$ -CONVEX FUNCTIONS IN HILBERT SPACE. <i>Fractals</i> , 2021, 29, 1.8 2140019.		10
311	On new generalized unified bounds via generalized exponentially harmonically s-convex functions on fractal sets. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	10
312	Estimates of quantum bounds pertaining to new q-integral identity with applications. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	10
313	Optimal bounds for a Toader-type mean in terms of one-parameter quadratic and contraharmonic means. <i>Journal of Nonlinear Science and Applications</i> , 2016, 09, 3424-3432.	0.4	10
314	Sharp Stolarsky mean bounds for the complete elliptic integral of the second kind. <i>Journal of Nonlinear Science and Applications</i> , 2017, 10, 929-936.	0.4	10
315	Schur convexity and Schur multiplicative convexity for a class of symmetric functions with applications. <i>Ukrainian Mathematical Journal</i> , 2009, 61, 1541-1555.	0.1	9
316	A best-possible double inequality between Seiffert and harmonic means. <i>Journal of Inequalities and Applications</i> , 2011, 2011, .	0.5	9
317	On Alzer and Qiu's Conjecture for Complete Elliptic Integral and Inverse Hyperbolic Tangent Function. <i>Abstract and Applied Analysis</i> , 2011, 2011, 1-7.	0.3	9
318	On Certain Inequalities for Neuman-Sándor Mean. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-6.	0.3	9
319	Bounds for the Combinations of Neuman-Sándor, Arithmetic, and Second Seiffert Means in terms of Contraharmonic Mean. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-5.	0.3	9
320	A Double Inequality for the Trigamma Function and Its Applications. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-9.	0.3	9
321	Some Trapezium-Like Inequalities Involving Functions Having Strongly n-Polynomial Preinvexity Property of Higher Order. <i>Journal of Function Spaces</i> , 2020, 2020, 1-9.	0.4	9
322	On Topological Co-Indices of Polycyclic Tetrathiafulvalene and Polycyclic Oragano Silicon Dendrimers. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 2179-2197.	1.4	9
323	Dynamics of Arrhenius activation energy in flow of Carreau fluid subject to Brownian motion diffusion. <i>Numerical Methods for Partial Differential Equations</i> , 2023, 39, 4468-4488.	2.0	9
324	Fixed Point Results for Fractal Generation of Complex Polynomials Involving Sine Function via Non-Standard Iterations. <i>IEEE Access</i> , 2020, 8, 154301-154317.	2.6	9

#	ARTICLE	IF	CITATIONS
325	NEW ESTIMATES OF INTEGRAL INEQUALITIES VIA GENERALIZED PROPORTIONAL FRACTIONAL INTEGRAL OPERATOR WITH RESPECT TO ANOTHER FUNCTION. <i>Fractals</i> , 2020, 28, 2040027.	1.8	9
326	<sc>CVFEM</sc> based numerical investigation and mathematical modeling of surface dependent magnetized <sc>copperâ€oxide</sc> nanofluid flow using new model of porous space. <i>Numerical Methods for Partial Differential Equations</i> , 2021, 37, 1481-1494.	2.0	9
327	Bounds for the Remainder in Simpsonâ€™s Inequality via <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mi>n</mml:mi></mml:math>-Polynomial Convex Functions of Higher Order Using Katugampola Fractional Integrals. <i>Journal of Mathematics</i> , 2020, 2020, 1-10.	0.5	9
328	NEW GENERALIZATION INVOLVING CONVEX FUNCTIONS VIA â„–DISCRETE ?â„–-FRACTIONAL SUMS AND THEIR APPLICATIONS IN FRACTIONAL DIFFERENCE EQUATIONS. <i>Fractals</i> , 2022, 30, .	1.8	9
329	On Schur Convexity of Some Symmetric Functions. <i>Journal of Inequalities and Applications</i> , 2010, 2010, 1-12.	0.5	8
330	A Sharp Double Inequality for Trigonometric Functions and Its Applications. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-9.	0.3	8
331	Sharp Inequalities for Trigonometric Functions. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-18.	0.3	8
332	Ramanujanâ€™s cubic transformation and generalized modular equation. <i>Science China Mathematics</i> , 2015, 58, 2387-2404.	0.8	8
333	Sharp power-type Heronian mean bounds for the SÃ¡ndor and Yang means. <i>Journal of Inequalities and Applications</i> , 2015, 2015, .	0.5	8
334	On Ve-Degree and Ev-Degree Based Topological Properties of H-Naphtalenic Nanotube. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 2420-2432.	1.4	8
335	A novel approach to the Jensen gap through Taylor's theorem. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 3324-3333.	1.2	8
336	New (<i>p</i>,<i>q</i>)-estimates for different types of integral inequalities via (<i>Î±</i>,<i>m</i>)-convex mappings. <i>Open Mathematics</i> , 2020, 18, 1830-1854.	0.5	8
337	Sharp two parameter bounds for the logarithmic mean and the arithmetic-geometric mean of Gauss. <i>Journal of Mathematical Inequalities</i> , 2013, , 349-355.	0.5	8
338	Coordinate strongly s-convex functions and related results. <i>Journal of Mathematical Inequalities</i> , 2020, , 829-843.	0.5	8
339	The numerical solution of fourth order nonlinear singularly perturbed boundary value problems via 10-point subdivision scheme based numerical algorithm. <i>AIP Advances</i> , 2020, 10, .	0.6	7
340	Analysis of fixed-time outer synchronization for double-layered neuron-based networks with uncertain parameters and delays. <i>Journal of the Franklin Institute</i> , 2020, 357, 10716-10736.	1.9	7
341	<sc>MHD</sc> twoâ€phase flow of <sc>Jeffrey</sc> fluid suspended with Hafnium and crystal particles: Analytical treatment. <i>Numerical Methods for Partial Differential Equations</i> , 2024, 40, .	2.0	7
342	More new results on integral inequalities for generalized \$ \mathcal{K} \$-fractional conformable Integral operators. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021, 14, 2119.	0.6	7

#	ARTICLE	IF	CITATIONS
343	Approximations for the complete elliptic integral of the second $\mathbb{K}(k)$. Revista De La Real Academia De Ciencias Exactas, Físicas Y Naturales - Serie A: Matemáticas, 2021, 115, 1.	0.6	7
344	Heat transport and bio-convective nanomaterial flow of Walter's-B fluid containing gyrotactic microorganisms. Ain Shams Engineering Journal, 2021, 12, 3071-3079.	3.5	7
345	New Estimates for the Jensen Gap Using s -Convexity With Applications. Frontiers in Physics, 2020, 8, .	1.0	7
346	The optimal convex combination bounds of arithmetic and harmonic means in terms of power mean. Journal of Mathematical Inequalities, 2012, , 241-248.	0.5	7
347	Optimal inequalities for the convex combination of error function. Journal of Mathematical Inequalities, 2015, , 85-99.	0.5	7
348	Optimal Bounds for Seiffert Mean in terms of One-Parameter Means. Journal of Applied Mathematics, 2012, 2012, 1-7.	0.4	6
349	Sharp bounds by the power mean for the generalized Heronian mean. Journal of Inequalities and Applications, 2012, 2012, .	0.5	6
350	Optimal Bounds for Neuman Means in Terms of Harmonic and Contraharmonic Means. Journal of Applied Mathematics, 2013, 2013, 1-4.	0.4	6
351	Sharp Power Mean Bounds for $S\ddot{a}$ ndor Mean. Abstract and Applied Analysis, 2015, 2015, 1-5.	0.3	6
352	Optimal inequalities for bounding Toader mean by arithmetic and quadratic means. Journal of Inequalities and Applications, 2017, 2017, 26.	0.5	6
353	Perturbation based analytical solutions of non-Newtonian differential equation with heat and mass transportation between horizontal permeable channel. Numerical Methods for Partial Differential Equations, 2024, 40, .	2.0	6
354	The numerical simulation and sensitivity analysis of a non-Newtonian fluid flow inside a square chamber exposed to a magnetic field using the FDLBM approach. Journal of Thermal Analysis and Calorimetry, 2021, 144, 2403.	2.0	6
355	Numerical investigation and ANN modeling of the effect of single-phase and two-phase analysis of convective heat transfer of nanofluid in a cavity. Journal of Thermal Analysis and Calorimetry, 2021, 145, 1969-1991.	2.0	6
356	Fractional Hadamard and Fejér-Hadamard Inequalities Associated with Exponentially $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"} \rangle$ $\langle \text{mml:mfenced open="("} \rangle$ $\langle \text{Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td} \rangle$ Functions. Journal of Function Spaces, 2020, 2020, 1-10.	0.4	6
357	Optimal inequalities between Neuman- $S\ddot{a}$ ndor, centroidal and harmonic means. Journal of Mathematical Inequalities, 2013, , 593-600.	0.5	6
358	Monotonicity and inequalities involving the modified Bessel functions of the second kind. Journal of Mathematical Analysis and Applications, 2022, 508, 125889.	0.5	6
359	Fractional model of second grade fluid induced by generalized thermal and molecular fluxes with constant proportional caputo. Thermal Science, 2021, 25, 207-212.	0.5	6
360	A Note on Jordan, Adamović-Mitrinović, and Cusa Inequalities. Abstract and Applied Analysis, 2014, 2014, 1-12.	0.3	5

#	ARTICLE	IF	CITATIONS
361	Parametrized inequality of Hermite-Hadamard type for functions whose third derivative absolute values are quasi-convex. SpringerPlus, 2015, 4, 831.	1.2	5
362	Optimal Bounds for Neuman Mean Using Arithmetic and Centroidal Means. Journal of Function Spaces, 2016, 2016, 1-7.	0.4	5
363	On Topological Analysis of Graphite Carbon Nitride via Degree Based Coindices. Polycyclic Aromatic Compounds, 2022, 42, 2777-2788.	1.4	5
364	New Positive Solutions of Nonlinear Elliptic PDEs. Applied Sciences (Switzerland), 2020, 10, 4863.	1.3	5
365	New estimation of Zipf-Mandelbrot and Shannon entropies via refinements of Jensen's inequality. AIP Advances, 2021, 11, .	0.6	5
366	On the approximation of some special functions in Ramanujan's generalized modular equation with signature $3k^2$. Ramanujan Journal, 2021, 56, 1-22.	0.4	5
367	On n-polynomial p-convex functions and some related inequalities. Advances in Difference Equations, 2020, 2020, .	3.5	5
368	A monotonicity property involving the generalized elliptic integral of the first kind. Mathematical Inequalities and Applications, 2017, , 729-735.	0.1	5
369	Generalized Fractional Hadamard and Fejér-Hadamard Inequalities for Generalized Harmonically Convex Functions. Journal of Mathematics, 2020, 2020, 1-13.	0.5	5
370	Adaptive quantitative control for robust synchronization between multiplex neural networks under stochastic cyber attacks. Neurocomputing, 2022, 493, 129-142.	0.5	5
371	Refinements of Bounds for Neuman Means. Abstract and Applied Analysis, 2014, 2014, 1-8.	0.3	4
372	Jordan Type Inequalities for Hyperbolic Functions and Their Applications. Journal of Function Spaces, 2015, 2015, 1-4.	0.4	4
373	Best Possible Bounds for Yang Mean Using Generalized Logarithmic Mean. Mathematical Problems in Engineering, 2016, 2016, 1-7.	0.6	4
374	Optimal power mean bounds for the second Yang mean. Journal of Inequalities and Applications, 2016, 2016, .	0.5	4
375	A New Approach to Increase the Flexibility of Curves and Regular Surfaces Produced by 4-Point Ternary Subdivision Scheme. Mathematical Problems in Engineering, 2020, 2020, 1-17.	0.6	4
376	New Exact Solutions of Kolmogorov Petrovskii Piskunov Equation, Fitzhugh Nagumo Equation, and Newell-Whitehead Equation. Advances in Mathematical Physics, 2020, 2020, 1-14.	0.4	4
377	Analysis of couple stress fluid flow with variable viscosity using two homotopy-based methods. Open Physics, 2021, 19, 134-145.	0.8	4
378	Ostrowski-type inequalities for n-polynomial P -convex function for k -fractional Hilfer-Katugampola derivative. Journal of Inequalities and Applications, 2021, 2021, .	0.5	4

#	ARTICLE	IF	CITATIONS
379	On post quantum estimates of upper bounds involving twice (p,q) -differentiable preinvex function. Journal of Inequalities and Applications, 2020, 2020, .	0.5	4
380	A new q -integral identity and estimation of its bounds involving generalized exponentially $\hat{1}/4$ -preinvex functions. Advances in Difference Equations, 2020, 2020, .	3.5	4
381	Optimal one-parameter mean bounds for the convex combination of arithmetic and geometric means. Journal of Applied Analysis, 2012, 18, .	0.2	3
382	Optimal Inequalities for Power Means. Journal of Applied Mathematics, 2012, 2012, 1-8.	0.4	3
383	Monotonicity and Inequalities for the Generalized Distortion Function. Acta Mathematica Scientia, 2013, 33, 1759-1766.	0.5	3
384	Sharp Geometric Mean Bounds for Neuman Means. Abstract and Applied Analysis, 2014, 2014, 1-6.	0.3	3
385	Optimal Bounds for Gaussian Arithmetic-Geometric Mean with Applications to Complete Elliptic Integral. Journal of Function Spaces, 2016, 2016, 1-6.	0.4	3
386	A Sharp Lower Bound for Toader-Qi Mean with Applications. Journal of Function Spaces, 2016, 2016, 1-5.	0.4	3
387	Distributed adaptive synchronization for a class of complex dynamical networks with Markovian switching. AIP Advances, 2018, 8, 125118.	0.6	3
388	On Generalized Strongly p -Convex Functions of Higher Order. Journal of Mathematics, 2020, 2020, 1-8.	0.5	3
389	Periodic solutions for first-order cubic non-autonomous differential equation with bifurcation analysis. Journal of Taibah University for Science, 2020, 14, 1208-1217.	1.1	3
390	Analysis of Buongiorno's nanofluid model in marangoni convective flow with gyrotactic microorganism and activation energy. International Journal of Modern Physics C, 2021, 32, 2150072.	0.8	3
391	Further results on delay-dependent H^∞ filtering for singular systems with interval time-varying delays. Optimal Control Applications and Methods, 2021, 42, 1001-1015.	1.3	3
392	On some new midpoint inequalities for the functions of two variables via quantum calculus. Journal of Inequalities and Applications, 2021, 2021, .	0.5	3
393	Refinements of bounds for Neuman means with applications. Journal of Nonlinear Science and Applications, 2016, 09, 1529-1540.	0.4	3
394	Oldroyd-B nanofluid-flow between stretching disks with thermal slip and multiple flow features. Thermal Science, 2020, 24, 83-94.	0.5	3
395	Adaptive neural finite-time control of nonlinear systems subject to sensor hysteresis. Journal of the Franklin Institute, 2022, 359, 2932-2948.	1.9	3
396	Practical stability of a nonlinear system with delayed control input. Applied Mathematics and Computation, 2022, 423, 127008.	1.4	3

#	ARTICLE	IF	CITATIONS
397	Monotonicity, Convexity, and Inequalities Involving the Agard Distortion Function. <i>Abstract and Applied Analysis</i> , 2011, 2011, 1-8.	0.3	2
398	Some inequalities for the generalized linear distortion function. <i>Applied Mathematics</i> , 2012, 27, 87-93.	0.6	2
399	Existence in non-smooth domain for compressible liquid crystals. <i>Mathematical Methods in the Applied Sciences</i> , 2013, 36, 627-641.	1.2	2
400	Bounds for the Arithmetic Mean in Terms of the Neuman-Sándor and Other Bivariate Means. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-7.	0.4	2
401	Sharp One-Parameter Mean Bounds for Yang Mean. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-5.	0.6	2
402	Distance-based invariants of zigzag polyhex nanotube. <i>Mathematical Methods in the Applied Sciences</i> , 2020, , .	1.2	2
403	Perturbation and numerical solutions of non-Newtonian fluid bounded within in a porous channel: Applications of pseudo-spectral collocation method. <i>Numerical Methods for Partial Differential Equations</i> , 2020, , .	2.0	2
404	Existence of Multiple Periodic Solutions for Cubic Nonautonomous Differential Equation. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-14.	0.6	2
405	Refinements of Some Integral Inequalities for \mathfrak{M}_1 -Convex Functions. <i>Journal of Mathematics</i> , 2020, 2020, 1-14.	0.5	2
406	Quantum estimates in two variable forms for Simpson-type inequalities considering generalized \mathfrak{f} -convex functions with applications. <i>Open Physics</i> , 2021, 19, 305-326.	0.8	2
407	Sharp Bounds for Toader-Type Means in Terms of Two-Parameter Means. <i>Acta Mathematica Scientia</i> , 2021, 41, 719-728.	0.5	2
408	Optimal one-parameter mean bounds for the convex combination of arithmetic and logarithmic means. <i>Journal of Mathematical Inequalities</i> , 2015, , 699-707.	0.5	2
409	A Best Possible Double Inequality for Power Mean. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-12.	0.4	1
410	Optimal Two Parameter Bounds for the Seiffert Mean. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-3.	0.4	1
411	Optimal Lower Generalized Logarithmic Mean Bound for the Seiffert Mean. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-5.	0.4	1
412	Monotonicity of the Ratio of the Power and Second Seiffert Means with Applications. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-4.	0.3	1
413	Sharp Bounds for Neuman Means by Harmonic, Arithmetic, and Contraharmonic Means. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-8.	0.3	1
414	The Schur-Convexity of the Generalized Muirhead-Heronian Means. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-11.	0.3	1

#	ARTICLE	IF	CITATIONS
415	Sharp Bounds for Toader Mean in terms of Arithmetic and Second Contraharmonic Means. Journal of Function Spaces, 2015, 2015, 1-5.	0.4	1
416	Irregularity Measures for Benzene Ring Embedded in P-Type Surface. Mathematical Problems in Engineering, 2020, 2020, 1-13.	0.6	1
417	The Numerical Invariants concerning the Total Domination for Generalized Petersen Graphs. Journal of Mathematics, 2020, 2020, 1-5.	0.5	1
418	A New Computational Approach to Estimate the Subdivision Depth of n-Ary Subdivision Scheme. IEEE Access, 2020, 8, 187146-187155.	2.6	1
419	Anti Mandelbrot Sets via Jungck-M Iteration. IEEE Access, 2020, 8, 194663-194675.	2.6	1
420	Refinements of Some Integral Inequalities for s -Convex Functions. Mathematical Problems in Engineering, 2020, 2020, 1-13.	0.6	1
421	Thermal analysis for an experimental study of a cylindrical vertical solar chimney with internal PVC obstacles. International Journal of Low-Carbon Technologies, 2021, 16, 664-671.	1.2	1
422	The refinement-schemes-based unified algorithms for certain nth order linear and nonlinear differential equations with a set of constraints. Advances in Difference Equations, 2021, 2021, .	3.5	1
423	Bounds for the identric mean in terms of one-parameter mean. Applied Mathematical Sciences, 0, 7, 4375-4386.	0.0	1
424	Generalization of Favard's and Berwald's Inequalities for Strongly Convex Functions. Communications in Mathematics and Applications, 2019, 10, .	0.1	1
425	Optimal Lehmer Mean Bounds for the Combinations of Identric and Logarithmic Means. Chinese Journal of Mathematics, 2013, 2013, 1-7.	0.1	0
426	Arcwise Connected Domains, Quasiconformal Mappings, and Quasidisks. Abstract and Applied Analysis, 2014, 2014, 1-5.	0.3	0
427	Sharp Power Mean Bounds for the One-Parameter Harmonic Mean. Journal of Function Spaces, 2015, 2015, 1-5.	0.4	0
428	Some New Bounds of Weighted Graph Entropies with GA and Gaurava Indices Edge Weights. Mathematical Problems in Engineering, 2020, 2020, 1-9.	0.6	0
429	Invariants of $BT[p,q]$, $BT(X)[p,q]$ and $BT(Y)[p,q]$. Mathematical Methods in the Applied Sciences, 2020, , .	1.2	0
430	H-Coverings of Path-Amalgamated Ladders and Fans. Mathematical Problems in Engineering, 2020, 2020, 1-7.	0.6	0
431	Distance Measurements Related to Cartesian Product of Cycles. Journal of Mathematics, 2020, 2020, 1-6.	0.5	0
432	Corrigendum to "A New Approach to Increase the Flexibility of Curves and Regular Surfaces Produced by 4-Point Ternary Subdivision Scheme". Mathematical Problems in Engineering, 2021, 2021, 1-1.	0.6	0

#	ARTICLE	IF	CITATIONS
433	Irregularity Measures for Metal-Organic Networks. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-11.	0.6	0
434	Electromagnetic counterpart to gravitational waves from coalescence of binary black hole with magnetic monopole charge. <i>International Journal of Modern Physics A</i> , 2020, 35, 2050205.	0.5	0
435	Oldroyd-B nanofluid-flow between stretching disks with thermal slip and multiple flow features. <i>Thermal Science</i> , 2020, 24, 83-94.	0.5	0