

Yu-Ming Chu

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427
papers

8,151
citations

44
h-index

60
g-index

437
ext. papers

11,305
ext. citations

2.1
avg, IF

7.55
L-index

#	Paper	IF	Citations
427	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> ,	2.3	178
426	A sharp double inequality involving generalized complete elliptic integral of the first kind. <i>AIMS Mathematics</i> , 2020 , 5, 4512-4528	2.2	117
425	On some refinements for inequalities involving zero-balanced hypergeometric function. <i>AIMS Mathematics</i> , 2020 , 5, 6479-6495	2.2	101
424	Theoretical study of MHD electro-osmotically flow of third-grade fluid in micro channel. <i>Applied Mathematics and Computation</i> , 2022 , 420, 126868	2.7	99
423	Inequalities for generalized trigonometric and hyperbolic functions with one parameter. <i>Journal of Mathematical Inequalities</i> , 2020 , 1-21	2.6	93
422	Concavity and bounds involving generalized elliptic integral of the first kind. <i>Journal of Mathematical Inequalities</i> , 2021 , 701-724	2.6	88
421	Numerical Solution of Traveling Waves in Chemical Kinetics: Time Fractional Fishers Equations. <i>Fractals</i> ,	3.2	86
420	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	0.9	84
419	Influence of wavy enclosure and nanoparticles on heat release rate of PCM considering numerical study. <i>Journal of Molecular Liquids</i> , 2020 , 319, 114121	6	83
418	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	0.7	82
417	Quadratic transformation inequalities for Gaussian hypergeometric function. <i>Journal of Inequalities and Applications</i> , 2018 , 2018, 251	2.1	82
416	Some new inequalities of Hermite-Hadamard type for s-convex functions with applications. <i>Open Mathematics</i> , 2017 , 15, 1414-1430	0.8	78
415	SOME FURTHER EXTENSIONS CONSIDERING DISCRETE PROPORTIONAL FRACTIONAL OPERATORS. <i>Fractals</i> , 2240026	3.2	78
414	Optimal Lehmer Mean Bounds for the Toader Mean. <i>Results in Mathematics</i> , 2012 , 61, 223-229	0.9	74
413	Optimal combinations bounds of root-square and arithmetic means for Toader mean. <i>Proceedings of the Indian Academy of Sciences: Mathematical Sciences</i> , 2012 , 122, 41-51	0.4	72
412	Sharp Power Mean Inequalities for the Generalized Elliptic Integral of the First Kind. <i>Computational Methods and Function Theory</i> , 2020 , 20, 111-124	0.9	71
411	Investigation of nano powders influence on melting process within a storage unit. <i>Journal of Molecular Liquids</i> , 2020 , 318, 114321	6	71

410	Inequalities by Means of Generalized Proportional Fractional Integral Operators with Respect to Another Function. <i>Mathematics</i> , 2019 , 7, 1225	2.3	70
409	Melting process of nanoparticle enhanced PCM through storage cylinder incorporating fins. <i>Powder Technology</i> , 2021 , 381, 551-560	5.2	66
408	Monotonicity criterion for the quotient of power series with applications. <i>Journal of Mathematical Analysis and Applications</i> , 2015 , 428, 587-604	1.1	65
407	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	1.1	64
406	On multi-step methods for singular fractional q-integro-differential equations. <i>Open Mathematics</i> , 2021 , 19, 1378-1405	0.8	64
405	Nanoparticle enhanced PCM exergy loss and thermal behavior by means of FVM. <i>Journal of Molecular Liquids</i> , 2020 , 320, 114457	6	63
404	Almost sectorial operators on \mathbb{H} Hilfer derivative fractional impulsive integro-differential equations. <i>Mathematical Methods in the Applied Sciences</i> ,	2.3	60
403	Quantum Hermite-Hadamard inequality by means of a Green function. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	57
402	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	2.3	56
401	Inequalities for α -fractional differentiable functions. <i>Journal of Inequalities and Applications</i> , 2017 , 2017, 93	2.1	55
400	A new analyzing technique for nonlinear time fractional Cauchy reaction-diffusion model equations. <i>Results in Physics</i> , 2020 , 19, 103462	3.7	55
399	On approximating the quasi-arithmetic mean. <i>Journal of Inequalities and Applications</i> , 2019 , 2019,	2.1	54
398	The effect of market confidence on a financial system from the perspective of fractional calculus: Numerical investigation and circuit realization. <i>Chaos, Solitons and Fractals</i> , 2020 , 140, 110223	9.3	54
397	Hermite-Hadamard Type Inequalities for the Class of Convex Functions on Time Scale. <i>Mathematics</i> , 2019 , 7, 956	2.3	54
396	On the Bounds of the Perimeter of an Ellipse. <i>Acta Mathematica Scientia</i> , 2022 , 42, 491-501	0.7	53
395	Solution of Multi-Term Time-Fractional PDE Models Arising in Mathematical Biology and Physics by Local Meshless Method. <i>Symmetry</i> , 2020 , 12, 1195	2.7	52
394	Annulus shape tank with convective flow in a porous zone with impose of MHD. <i>International Journal of Modern Physics C</i> , 2020 , 31, 2050168	1.1	51
393	On rational bounds for the gamma function. <i>Journal of Inequalities and Applications</i> , 2017 , 2017, 210	2.1	49

- 392 A new approach on fractional calculus and probability density function. *AIMS Mathematics*, **2020**, 5, 7041-7054 49
- 391 Refinements of transformation inequalities for zero-balanced hypergeometric functions. *Acta Mathematica Scientia*, **2017**, 37, 607-622 0.7 48
- 390 An optimal power mean inequality for the complete elliptic integrals. *Applied Mathematics Letters*, **2011**, 24, 887-890 3.5 48
- 389 Convexity and concavity of the modified Bessel functions of the first kind with respect to Hölder means. *Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas*, **2020**, 114, 1 1.6 47
- 388 Hermite-Hadamard type inequalities for co-ordinated convex and quasi-convex functions and their applications. *Journal of Inequalities and Applications*, **2019**, 2019, 2.1 47
- 387 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 5.8 47
- 386 Sharp Landen transformation inequalities for hypergeometric functions, with applications. *Journal of Mathematical Analysis and Applications*, **2019**, 474, 1306-1337 1.1 47
- 385 T-Spherical Fuzzy Einstein Hybrid Aggregation Operators and Their Applications in Multi-Attribute Decision Making Problems. *Symmetry*, **2020**, 12, 365 2.7 45
- 384 Inequalities and infinite product formula for Ramanujan generalized modular equation function. *Ramanujan Journal*, **2018**, 46, 189-200 0.7 45
- 383 New weighted generalizations for differentiable exponentially convex mapping with application. *AIMS Mathematics*, **2020**, 5, 3525-3546 2.2 44
- 382 Hermite-Hadamard type inequalities for fractional integrals via Green's function. *Journal of Inequalities and Applications*, **2018**, 2018, 161 2.1 44
- 381 Monotonicity, Convexity and Inequalities Involving the Generalized Elliptic Integrals. *Acta Mathematica Scientia*, **2019**, 39, 1440-1450 0.7 43
- 380 Answers to three conjectures on convexity of three functions involving complete elliptic integrals of the first kind. *Applicable Analysis and Discrete Mathematics*, **2020**, 14, 255-271 1 43
- 379 Ostrowski type inequalities in the sense of generalized \mathcal{K} -fractional integral operator for exponentially convex functions. *AIMS Mathematics*, **2020**, 5, 2629-2645 2.2 42
- 378 Precise bounds for the weighted Hölder mean of the complete p-elliptic integrals. *Journal of Mathematical Analysis and Applications*, **2019**, 480, 123388 1.1 41
- 377 The Schur multiplicative and harmonic convexities of the complete symmetric function. *Mathematische Nachrichten*, **2011**, 284, 653-663 0.8 41
- 376 Generalizations of Hermite-Hadamard type inequalities for MT-convex functions. *Journal of Nonlinear Science and Applications*, **2016**, 09, 4305-4316 1.9 41
- 375 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 1.6 41

374	Asymptotical formulas for Gaussian and generalized hypergeometric functions. <i>Applied Mathematics and Computation</i> , 2016 , 276, 44-60	2.7	40
373	The Hermite-Hadamard Type Inequality of GA-Convex Functions and Its Application. <i>Journal of Inequalities and Applications</i> , 2010 , 2010, 1-11	2.1	40
372	Unified filters design for singular Markovian jump systems with time-varying delays. <i>Journal of the Franklin Institute</i> , 2016 , 353, 3739-3768	4	40
371	Quantum Hermite-Hadamard-type inequalities for functions with convex absolute values of second q^b -derivatives. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	40
370	Refinements of Jensen and McShane inequalities with applications. <i>AIMS Mathematics</i> , 2020 , 5, 4931-4945	3.9	39
369	High accuracy asymptotic bounds for the complete elliptic integral of the second kind. <i>Applied Mathematics and Computation</i> , 2019 , 348, 552-564	2.7	39
368	Quantum Ostrowski-type inequalities for twice quantum differentiable functions in quantum calculus. <i>Open Mathematics</i> , 2021 , 19, 440-449	0.8	39
367	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> ,	2.3	39
366	Ostrowski type inequalities involving conformable fractional integrals. <i>Journal of Inequalities and Applications</i> , 2018 , 2018, 70	2.1	38
365	New quantum boundaries for quantum Simpson and quantum Newton type inequalities for preinvex functions. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	38
364	Some New Refinements of Hermite-Hadamard-Type Inequalities Involving q -Riemann-Liouville Fractional Integrals and Applications. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-10	1.1	37
363	The Schur concavity, Schur multiplicative and harmonic convexities of the second dual form of the Hamy symmetric function with applications. <i>Journal of Multivariate Analysis</i> , 2012 , 105, 412-421	1.4	37
362	Hölder mean inequalities for the complete elliptic integrals. <i>Integral Transforms and Special Functions</i> , 2012 , 23, 521-527	1	37
361	Bounds for complete elliptic integrals of the second kind with applications. <i>Computers and Mathematics With Applications</i> , 2012 , 63, 1177-1184	2.7	37
360	New Perspective on the Conventional Solutions of the Nonlinear Time-Fractional Partial Differential Equations. <i>Complexity</i> , 2020 , 2020, 1-10	1.6	37
359	Some Recent Developments on Dynamical α -Discrete Fractional Type Inequalities in the Frame of Nonsingular and Nonlocal Kernels. <i>Fractals</i> ,	3.2	36
358	Convexity of the complete elliptic integrals of the first kind with respect to Hölder means. <i>Journal of Mathematical Analysis and Applications</i> , 2012 , 388, 1141-1146	1.1	35
357	Precise estimates for the solution of Ramanujan generalized modular equation. <i>Ramanujan Journal</i> , 2019 , 49, 653-668	0.7	34

- 356 A power mean inequality involving the complete elliptic integrals. *Rocky Mountain Journal of Mathematics*, **2014**, 44, 1.4 34
- 355 New Hermite-Hadamard type inequalities for exponentially convex functions and applications. *AIMS Mathematics*, **2020**, 5, 6874-6901 2.2 34
- 354 Sharp power mean bounds for two Šidoriang means. *Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas*, **2019**, 113, 2627-2638 1.6 33
- 353 Fractional generalized Hadamard and Fej̄r-Hadamard inequalities for m-convex functions. *AIMS Mathematics*, **2020**, 5, 6325-6340 2.2 33
- 352 Modified Variational Iteration Algorithm-II: Convergence and Applications to Diffusion Models. *Complexity*, **2020**, 2020, 1-14 1.6 33
- 351 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 9.3 33
- 350 Monotonicity properties and bounds for the complete α -elliptic integrals. *Journal of Inequalities and Applications*, **2018**, 2018, 239 2.1 33
- 349 New Multi-Parametrized Estimates Having α -Order Differentiability in Fractional Calculus for Predominating η -Convex Functions in Hilbert Space. *Symmetry*, **2020**, 12, 222 2.7 32
- 348 Generation of new fractional inequalities via n polynomials s -type convexity with applications. *Advances in Difference Equations*, **2020**, 2020, 3.6 32
- 347 Quantum variant of Montgomery identity and Ostrowski-type inequalities for the mappings of two variables. *Advances in Difference Equations*, **2021**, 2021, 3.6 32
- 346 Approximation for the complete elliptic integral of the first kind. *Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas*, **2020**, 114, 1 1.6 31
- 345 Generalized HerschBfluger distortion function and complete elliptic integrals. *Journal of Mathematical Analysis and Applications*, **2012**, 385, 221-229 1.1 31
- 344 Asymptotical bounds for complete elliptic integrals of the second kind. *Journal of Mathematical Analysis and Applications*, **2013**, 402, 119-126 1.1 31
- 343 Monotonicity rule for the quotient of two functions and its application. *Journal of Inequalities and Applications*, **2017**, 2017, 106 2.1 31
- 342 Concavity of the complete elliptic integrals of the second kind with respect to Hlder means. *Journal of Mathematical Analysis and Applications*, **2012**, 395, 637-642 1.1 31
- 341 Conformable fractional integral inequalities for GG- and GA-convex functions. *AIMS Mathematics*, **2020**, 5, 5012-5030 2.2 31
- 340 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 9.3 31
- 339 Diverse novel analytical and semi-analytical wave solutions of the generalized (2+1)-dimensional shallow water waves model. *AIP Advances*, **2021**, 11, 015223 1.5 31

338	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	1.6	30
337	Sharp bounds for the Neuman mean in terms of the quadratic and second Seiffert means. <i>Journal of Inequalities and Applications</i> , 2014 , 2014,	2.1	30
336	Comparative analysis of (Zinc ferrite, Nickel Zinc ferrite) hybrid nanofluids slip flow with entropy generation. <i>Modern Physics Letters B</i> , 2021 , 35, 2150342	1.6	30
335	Association of Jensen's inequality for s-convex function with Csiszr divergence. <i>Journal of Inequalities and Applications</i> , 2019 , 2019,	2.1	29
334	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	4	29
333	Convexity with respect to Hlder mean involving zero-balanced hypergeometric functions. <i>Journal of Mathematical Analysis and Applications</i> , 2009 , 353, 256-259	1.1	29
332	Optimal Bounds for Neuman-Sidor Mean in Terms of the Convex Combinations of Harmonic, Geometric, Quadratic, and Contraharmonic Means. <i>Abstract and Applied Analysis</i> , 2012 , 2012, 1-9	0.7	29
331	A note on generalized convex functions. <i>Journal of Inequalities and Applications</i> , 2019 , 2019,	2.1	29
330	Optimal Control of Time-Delay Fractional Equations via a Joint Application of Radial Basis Functions and Collocation Method. <i>Entropy</i> , 2020 , 22,	2.8	29
329	Fractional Integral Inequalities for Strongly h-Preinvex Functions for a kth Order Differentiable Functions. <i>Symmetry</i> , 2019 , 11, 1448	2.7	29
328	Bounds for the perimeter of an ellipse. <i>Journal of Approximation Theory</i> , 2012 , 164, 928-937	0.9	28
327	New Hermite-Hadamard type inequalities for n-polynomial harmonically convex functions. <i>Journal of Inequalities and Applications</i> , 2020 , 2020,	2.1	28
326	Linear Diophantine Fuzzy Soft Rough Sets for the Selection of Sustainable Material Handling Equipment. <i>Symmetry</i> , 2020 , 12, 1215	2.7	28
325	Conformable Fractional Integrals Versions of Hermite-Hadamard Inequalities and Their Generalizations. <i>Journal of Function Spaces</i> , 2018 , 2018, 1-9	0.8	28
324	New estimates considering the generalized proportional Hadamard fractional integral operators. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	27
323	New fractional approaches for n-polynomial P-convexity with applications in special function theory. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	27
322	Optimal bounds for the generalized Euler-Mascheroni constant. <i>Journal of Inequalities and Applications</i> , 2018 , 2018, 118	2.1	27
321	Certain novel estimates within fractional calculus theory on time scales. <i>AIMS Mathematics</i> , 2020 , 5, 6073-6086	2.6	26

320	A Robust q-Rung Orthopair Fuzzy Einstein Prioritized Aggregation Operators with Application towards MCGDM. <i>Symmetry</i> , 2020 , 12, 1058	2.7	26
319	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	4.5	26
318	Simulation and experimental validation of a non-equilibrium chaotic system. <i>Chaos, Solitons and Fractals</i> , 2021 , 143, 110539	9.3	26
317	Sharp bounds for Neuman means in terms of two-parameter contraharmonic and arithmetic mean. <i>Journal of Inequalities and Applications</i> , 2019 , 2019,	2.1	25
316	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	2.1	25
315	Inequalities for the generalized elliptic integrals and modular functions. <i>Journal of Mathematical Analysis and Applications</i> , 2007 , 331, 1275-1283	1.1	25
314	Integral inequalities via Raina's fractional integrals operator with respect to a monotone function. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	25
313	2D approximately reciprocal \mathbb{E} -convex functions and associated integral inequalities. <i>AIMS Mathematics</i> , 2020 , 5, 4662-4680	2.2	25
312	Majorization theorems for strongly convex functions. <i>Journal of Inequalities and Applications</i> , 2019 , 2019,	2.1	24
311	Logarithmically Complete Monotonicity Properties Relating to the Gamma Function. <i>Abstract and Applied Analysis</i> , 2011 , 2011, 1-13	0.7	24
310	On Sharp Bounds on Partition Dimension of Convex Polytopes. <i>IEEE Access</i> , 2020 , 8, 224781-224790	3.5	24
309	Delay dynamic double integral inequalities on time scales with applications. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	24
308	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. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-11	1.1	24
307	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, 110884-110903	9.3	24
306	Discrete majorization type inequalities for convex functions on rectangles. <i>Journal of Inequalities and Applications</i> , 2019 , 2019,	2.1	23
305	Sharp bounds for generalized elliptic integrals of the first kind. <i>Journal of Mathematical Analysis and Applications</i> , 2015 , 429, 744-757	1.1	23
304	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	1.1	23
303	On Plya-Berg and Boryev type inequalities via generalized k-fractional integrals. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	23

302	Some new local fractional inequalities associated with generalized (s,m) -convex functions and applications. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	23
301	. <i>IEEE Access</i> , 2020 , 8, 188441-188453	3.5	23
300	On approximating the arc lemniscate functions. <i>Indian Journal of Pure and Applied Mathematics</i> ,1	0.3	23
299	Assessment of bioconvection in magnetized Sutterby nanofluid configured by a rotating disk: A numerical approach. <i>Modern Physics Letters B</i> , 2021 , 35, 2150202	1.6	23
298	New solitary wave solutions to the coupled Maccari system. <i>Results in Physics</i> , 2021 , 21, 103801	3.7	23
297	Generalization of Hermite-Hadamard Type Inequalities via Conformable Fractional Integrals. <i>Journal of Function Spaces</i> , 2018 , 2018, 1-12	0.8	23
296	New Soliton Solutions of Fractional Jaulent-Miodek System with Symmetry Analysis. <i>Symmetry</i> , 2020 , 12, 1001	2.7	22
295	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	1.6	22
294	A new bound for the Jensen gap pertaining twice differentiable functions with applications. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	22
293	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	2.1	22
292	Conformable integral version of Hermite-Hadamard-Fejér inequalities via \mathbb{E} -convex functions. <i>AIMS Mathematics</i> , 2020 , 5, 5106-5120	2.2	22
291	Some unified bounds for exponentially (s,gs) -convex functions governed by conformable fractional operators. <i>AIMS Mathematics</i> , 2020 , 5, 6108-6123	2.2	22
290	Sharp one-parameter geometric and quadratic means bounds for the Sidorang means. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2020 , 114, 1	1.6	22
289	Transportation of heat and mass transport in hydromagnetic stagnation point flow of Carreau nanomaterial: Dual simulations through Runge-Kutta Fehlberg technique. <i>International Communications in Heat and Mass Transfer</i> , 2020 , 118, 104858	5.8	22
288	Perturbation solution of the multiphase flows of third grade dispersions suspended with Hafnium and crystal particles. <i>Surfaces and Interfaces</i> , 2021 , 22, 100803	4.1	22
287	New Hermite-Jensen-Mercer-type inequalities via k -fractional integrals. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	21
286	Prabhakar fractional derivative and its applications in the transport phenomena containing nanoparticles. <i>Thermal Science</i> , 2021 , 25, 411-416	1.2	21
285	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	4.1	21

284	Schur m-power convexity of generalized geometric Bonferroni mean involving three parameters. <i>Journal of Inequalities and Applications</i> , 2019 , 2019,	2.1	20
283	Remarks on generalized elliptic integrals. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2009 , 139, 417-426	1	20
282	Sharp bounds for Seiffert means in terms of Lehmer means. <i>Journal of Mathematical Inequalities</i> , 2010 , 581-586	2.6	20
281	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	5.5	20
280	Functional inequalities for Gaussian hypergeometric function and generalized elliptic integral of the first kind. <i>Mathematica Slovaca</i> , 2021 , 71, 667-682	0.7	20
279	Some New Hermite-Hadamard-Type Inequalities Associated with Conformable Fractional Integrals and Their Applications. <i>Journal of Function Spaces</i> , 2020 , 2020, 1-18	0.8	19
278	Two optimal double inequalities between power mean and logarithmic mean. <i>Computers and Mathematics With Applications</i> , 2010 , 60, 83-89	2.7	19
277	On new fractional integral inequalities for p-convexity within interval-valued functions. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	19
276	New post quantum analogues of Ostrowski-type inequalities using new definitions of left and right (p,q) -derivatives and definite integrals. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	19
275	Fractional integral versions of Hermite-Hadamard type inequality for generalized exponentially convexity. <i>AIMS Mathematics</i> , 2020 , 5, 6030-6042	2.2	19
274	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> , 2020 ,	2.3	19
273	Hybrid BW-EDAS MCDM methodology for optimal industrial robot selection. <i>PLoS ONE</i> , 2021 , 16, e0246738	3.8	19
272	Sharp bounds for the Šidór-Yang means in terms of arithmetic and contra-harmonic means. <i>Journal of Inequalities and Applications</i> , 2018 , 2018, 127	2.1	19
271	New Developments in Weighted n-Fold Type Inequalities via Discrete Generalized η -Proportional Fractional Operators. <i>Fractals</i> ,	3.2	19
270	NEW GENERALIZATIONS IN THE SENSE OF THE WEIGHTED NON-SINGULAR FRACTIONAL INTEGRAL OPERATOR. <i>Fractals</i> , 2020 , 28, 2040003	3.2	18
269	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	6.8	18
268	A unifying computational framework for novel estimates involving discrete fractional calculus approaches. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 2677-2685	6.1	18
267	On approximating the modified Bessel function of the second kind. <i>Journal of Inequalities and Applications</i> , 2017 , 2017, 41	2.1	17

266	Sharp Generalized Seiffert Mean Bounds for Toader Mean. <i>Abstract and Applied Analysis</i> , 2011 , 2011, 1-8	0.7	17
265	Inequalities between Arithmetic-Geometric, Gini, and Toader Means. <i>Abstract and Applied Analysis</i> , 2012 , 2012, 1-11	0.7	17
264	New fractional estimates for Hermite-Hadamard-Mercer type inequalities. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 3079-3089	6.1	17
263	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	2.7	17
262	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	1.1	17
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