

Tie-Hong Zhao

List of Publications by Year in descending order

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27
papers

2,146
citations

430874

18
h-index

552781

26
g-index

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all docs

27
docs citations

27
times ranked

521
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.	2.3	379
2	On approximating the arc lemniscate functions. <i>Indian Journal of Pure and Applied Mathematics</i> , 2022, 53, 316-329.	0.5	47
3	Inequalities for Generalized Grötzsch Ring Function. <i>Computational Methods and Function Theory</i> , 2022, 22, 559-574.	1.5	42
4	On the Bounds of the Perimeter of an Ellipse. <i>Acta Mathematica Scientia</i> , 2022, 42, 491-501.	1.0	113
5	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.	1.2	56
6	On the monotonicity and convexity for generalized elliptic integral of the first kind. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2022, 116, 1.	1.2	5
7	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.	1.5	163
8	Geometric Algebra of Singular Ruled Surfaces. <i>Advances in Applied Clifford Algebras</i> , 2021, 31, 1.	1.0	20
9	Sharp generalized Seiffert mean bounds for the Toader mean of order 4. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2021, 115, 1.	1.2	1
10	Entropy generation approach with heat and mass transfer in magnetohydrodynamic stagnation point flow of a tangent hyperbolic nanofluid. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2021, 42, 1205-1218.	3.6	47
11	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.	1.2	31
12	Refinements of bounds for the arithmetic mean by new Seiffert-like means. <i>AIMS Mathematics</i> , 2021, 6, 9036-9047.	1.6	1
13	Monotonicity and convexity involving generalized elliptic integral of the first kind. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2021, 115, 1.	1.2	81
14	Concavity and bounds involving generalized elliptic integral of the first kind. <i>Journal of Mathematical Inequalities</i> , 2021, , 701-724.	0.9	174
15	Convexity and concavity of the modified Bessel functions of the first kind with respect to Hölder means. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2020, 114, 1.	1.2	83
16	Slant helix of order n and sequence of Darboux developables of principal-directional curves. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 9888-9903.	2.3	15
17	Monotonicity properties and bounds involving the two-parameter generalized Grötzsch ring function. <i>Journal of Inequalities and Applications</i> , 2020, 2020, .	1.1	16
18	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.	0.6	147

#	ARTICLE	IF	CITATIONS
19	A sharp double inequality involving generalized complete elliptic integral of the first kind. AIMS Mathematics, 2020, 5, 4512-4528.	1.6	189
20	On some refinements for inequalities involving zero-balanced hypergeometric function. AIMS Mathematics, 2020, 5, 6479-6495.	1.6	190
21	On approximating the quasi-arithmetic mean. Journal of Inequalities and Applications, 2019, 2019, .	1.1	100
22	Quadratic transformation inequalities for Gaussian hypergeometric function. Journal of Inequalities and Applications, 2018, 2018, 251.	1.1	142
23	Optimal bounds for arithmetic-geometric and Toader means in terms of generalized logarithmic mean. Journal of Inequalities and Applications, 2017, 2017, 102.	1.1	0
24	TEST MAPS AND DISCRETE GROUPS IN $SL(2, \hat{a}, \dots)$ II. Glasgow Mathematical Journal, 2014, 56, 53-56.	0.3	2
25	Best Possible Bounds for Neuman-Sándor Mean by the Identric, Quadratic and Contraharmonic Means. Abstract and Applied Analysis, 2013, 2013, 1-12.	0.7	16
26	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.	0.7	49
27	Logarithmically Complete Monotonicity Properties Relating to the Gamma Function. Abstract and Applied Analysis, 2011, 2011, 1-13.	0.7	37