

# 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

27  
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 some refinements for inequalities involving zero-balanced hypergeometric function. <i>AIMS Mathematics</i> , 2020, 5, 6479-6495.	1.6	190
3	A sharp double inequality involving generalized complete elliptic integral of the first kind. <i>AIMS Mathematics</i> , 2020, 5, 4512-4528.	1.6	189
4	Concavity and bounds involving generalized elliptic integral of the first kind. <i>Journal of Mathematical Inequalities</i> , 2021, , 701-724.	0.9	174
5	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
6	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
7	Quadratic transformation inequalities for Gaussian hypergeometric function. <i>Journal of Inequalities and Applications</i> , 2018, 2018, 251.	1.1	142
8	On the Bounds of the Perimeter of an Ellipse. <i>Acta Mathematica Scientia</i> , 2022, 42, 491-501.	1.0	113
9	On approximating the quasi-arithmetic mean. <i>Journal of Inequalities and Applications</i> , 2019, 2019, .	1.1	100
10	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
11	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
12	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
13	Optimal Bounds for Neuman-Sándor 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	49
14	On approximating the arc lemniscate functions. <i>Indian Journal of Pure and Applied Mathematics</i> , 2022, 53, 316-329.	0.5	47
15	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
16	Inequalities for Generalized Grötzsch Ring Function. <i>Computational Methods and Function Theory</i> , 2022, 22, 559-574.	1.5	42
17	Logarithmically Complete Monotonicity Properties Relating to the Gamma Function. <i>Abstract and Applied Analysis</i> , 2011, 2011, 1-13.	0.7	37
18	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

#	ARTICLE	IF	CITATIONS
19	Geometric Algebra of Singular Ruled Surfaces. <i>Advances in Applied Clifford Algebras</i> , 2021, 31, 1.	1.0	20
20	Best Possible Bounds for Neuman-Sándor Mean by the Identric, Quadratic and Contraharmonic Means. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-12.	0.7	16
21	Monotonicity properties and bounds involving the two-parameter generalized Grötzsch ring function. <i>Journal of Inequalities and Applications</i> , 2020, 2020, .	1.1	16
22	Slant helix of order $n$ and sequence of Darboux developables of principal $\epsilon$ -directional curves. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 9888-9903.	2.3	15
23	On the monotonicity and convexity for generalized elliptic integral of the first kind. <i>Revista De La Real Academia De Ciencias Exactas, Físicas Y Naturales - Serie A: Matemáticas</i> , 2022, 116, 1.	1.2	5
24	TEST MAPS AND DISCRETE GROUPS IN $SL(2, \hat{\alpha})$ II. <i>Glasgow Mathematical Journal</i> , 2014, 56, 53-56.	0.3	2
25	Sharp generalized Seiffert mean bounds for the Toader mean of order 4. <i>Revista De La Real Academia De Ciencias Exactas, Físicas Y Naturales - Serie A: Matemáticas</i> , 2021, 115, 1.	1.2	1
26	Refinements of bounds for the arithmetic mean by new Seiffert-like means. <i>AIMS Mathematics</i> , 2021, 6, 9036-9047.	1.6	1
27	Optimal bounds for arithmetic-geometric and Toader means in terms of generalized logarithmic mean. <i>Journal of Inequalities and Applications</i> , 2017, 2017, 102.	1.1	0