

# Jing-Feng Tian

## List of Publications by Year in descending order

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82  
papers

699  
citations

623574

14  
h-index

677027

22  
g-index

82  
all docs

82  
docs citations

82  
times ranked

175  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sharp bounds for the ratio of two zeta functions. Journal of Computational and Applied Mathematics, 2020, 364, 112359.	1.1	46
2	A class of completely mixed monotonic functions involving the gamma function with applications. Proceedings of the American Mathematical Society, 2018, 146, 4707-4721.	0.4	35
3	Monotonicity rules for the ratio of two Laplace transforms with applications. Journal of Mathematical Analysis and Applications, 2019, 470, 821-845.	0.5	34
4	Convexity and monotonicity for elliptic integrals of the first kind and applications. Applicable Analysis and Discrete Mathematics, 2019, 13, 240-260.	0.3	34
5	Monotonicity and sharp inequalities related to gamma function. Journal of Mathematical Inequalities, 2018, , 1-22.	0.5	34
6	An Additive-Consistency- and Consensus-Based Approach for Uncertain Group Decision Making With Linguistic Preference Relations. IEEE Transactions on Fuzzy Systems, 2019, 27, 873-887.	6.5	33
7	Sharp inequalities for the generalized elliptic integrals of the first kind. Ramanujan Journal, 2019, 48, 91-116.	0.4	32
8	Monotonicity and inequalities for the gamma function. Journal of Inequalities and Applications, 2017, 2017, .	0.5	29
9	A comparison theorem for two divided differences and applications to special functions. Journal of Mathematical Analysis and Applications, 2018, 464, 580-595.	0.5	22
10	Reversed version of a generalized sharp H�lder's inequality and its applications. Information Sciences, 2012, 201, 61-69.	4.0	20
11	On Cauchy's Schwarz inequality for N-tuple diamond-alpha integral. Journal of Inequalities and Applications, 2020, 2020, .	0.5	19
12	N-tuple Diamond-Alpha integral and inequalities on time scales. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2019, 113, 2189-2200.	0.6	17
13	Triple Diamond-Alpha integral and H�lder-type inequalities. Journal of Inequalities and Applications, 2018, 2018, 111.	0.5	16
14	An accurate approximation formula for gamma function. Journal of Inequalities and Applications, 2018, 2018, 56.	0.5	14
15	A new asymptotic expansion of a ratio of two gamma functions and complete monotonicity for its remainder. Proceedings of the American Mathematical Society, 2020, 148, 2163-2178.	0.4	14
16	Properties of generalized sharp H�lder's inequalities. Journal of Mathematical Inequalities, 2017, , 511-525.	0.5	14
17	A positive answer to Bhatia's Li conjecture on the monotonicity for a new mean in its parameter. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2020, 114, 1.	0.6	13
18	Improvements of generalized H�lder's inequalities and their applications. Journal of Mathematical Inequalities, 2018, , 459-471.	0.5	13

#	ARTICLE	IF	CITATIONS
19	Inequalities and mathematical properties of uncertain variables. Fuzzy Optimization and Decision Making, 2011, 10, 357-368.	3.4	12
20	Two asymptotic expansions for gamma function developed by Windschitl's formula. Open Mathematics, 2018, 16, 1048-1060.	0.5	11
21	Properties of the power-mean and their applications. AIMS Mathematics, 2020, 5, 7285-7300.	0.7	11
22	Properties and refinements of Aczl-type inequalities. Journal of Mathematical Inequalities, 2018, , 175-189.	0.5	11
23	New property of a generalized Hlder's inequality and its applications. Information Sciences, 2014, 288, 45-54.	4.0	10
24	A Rational Approximation for the Complete Elliptic Integral of the First Kind. Mathematics, 2020, 8, 635.	1.1	9
25	Asymptotic expansions of Gurland's ratio and sharp bounds for their remainders. Journal of Mathematical Analysis and Applications, 2021, 493, 124545.	0.5	9
26	A sharp lower bound for the complete elliptic integrals of the first kind. Revista De La Real Academia De Ciencias Exactas, Fısicas Y Naturales - Serie A: Matematicas, 2021, 115, 1.	0.6	9
27	Extensions of Holder-type inequalities on time scales and their applications. Journal of Nonlinear Science and Applications, 2017, 10, 937-953.	0.4	9
28	Periodic boundary value problems for first-order impulsive difference equations with time delay. Advances in Difference Equations, 2018, 2018, .	3.5	8
29	Monotonicity, convexity, and complete monotonicity of two functions related to the gamma function. Revista De La Real Academia De Ciencias Exactas, Fısicas Y Naturales - Serie A: Matematicas, 2019, 113, 3603-3617.	0.6	8
30	Tripled fuzzy metric spaces and fixed point theorem. Information Sciences, 2020, 518, 113-126.	4.0	8
31	Optimal inequalities involving power-exponential mean, arithmetic mean and geometric mean. Journal of Mathematical Inequalities, 2017, , 1169-1183.	0.5	7
32	Moment Estimation Inequalities Based on $g^*$ Random Variable on Sugeno Measure Space. Journal of Inequalities and Applications, 2010, 2010, 1-10.	0.5	6
33	Asymptotic expansions for the gamma function in terms of hyperbolic functions. Journal of Mathematical Analysis and Applications, 2019, 478, 133-155.	0.5	6
34	A family of high order approximations of Ramanujan type for perimeter of an ellipse. Revista De La Real Academia De Ciencias Exactas, Fısicas Y Naturales - Serie A: Matematicas, 2021, 115, 1.	0.6	6
35	Extension of Hu Ke's inequality and its applications. Journal of Inequalities and Applications, 2011, 2011, .	0.5	5
36	ON ATTRIBUTE REDUCTION WITH INTUITIONISTIC FUZZY ROUGH SETS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2012, 20, 59-76.	0.9	5

#	ARTICLE	IF	CITATIONS
37	Refinements of Generalized AczÅ©l's Inequality and Bellman's Inequality and Their Applications. Journal of Applied Mathematics, 2013, 2013, 1-6.	0.4	5
38	Generalized monotone iterative method for nonlinear boundary value problems with causal operators. Boundary Value Problems, 2014, 2014, .	0.3	5
39	Windschitl type approximation formulas for the gamma function. Journal of Inequalities and Applications, 2018, 2018, 272.	0.5	5
40	New Sharp Bounds for the Modified Bessel Function of the First Kind and Toader-Qi Mean. Mathematics, 2020, 8, 901.	1.1	5
41	Difference equations involving causal operators with nonlinear boundary conditions. Journal of Nonlinear Science and Applications, 2016, 08, 267-274.	0.4	5
42	Refinements of generalized HÅ¶lder's inequality. Journal of Mathematical Inequalities, 2013, , 701-710.	0.5	5
43	A New Reversed Version of a Generalized Sharp HÅ¶lder's Inequality and Its Applications. Abstract and Applied Analysis, 2013, 2013, 1-9.	0.3	4
44	Extensions of HÅ¶lder's Inequality via Pseudo-Integral. Mathematical Problems in Engineering, 2018, 2018, 1-5.	0.6	4
45	Note on common fixed point theorems in fuzzy metric spaces using the CLRg property. Fuzzy Sets and Systems, 2020, 379, 134-137.	1.6	4
46	Oscillation Criteria of Second-Order Dynamic Equations on Time Scales. Mathematics, 2021, 9, 1867.	1.1	4
47	Generalizations of Hu-type inequalities and their applications. Journal of Nonlinear Science and Applications, 2017, 10, 1971-1985.	0.4	4
48	New refinements of generalized HÅ¶lder's inequality and their applications. Mathematical Inequalities and Applications, 2016, , 805-822.	0.1	4
49	Several Absolutely Monotonic Functions Related to the Complete Elliptic Integral of the First Kind. Results in Mathematics, 2022, 77, 1.	0.4	4
50	On Burnside type approximation for the gamma function. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2019, 113, 2665-2677.	0.6	3
51	Absolutely monotonic functions involving the complete elliptic integrals of the first kind with applications. Journal of Mathematical Inequalities, 2021, , 1299-1310.	0.5	3
52	Common tripled fixed point theorem for W-compatible mappings in fuzzy metric spaces. Journal of Nonlinear Science and Applications, 2016, 09, 806-818.	0.4	3
53	New refinements of generalized AczÅ©l's inequality and their applications. Journal of Mathematical Inequalities, 2016, , 247-259.	0.5	3
54	A family of Windschitl type approximations for gamma function. Journal of Mathematical Inequalities, 2018, , 889-899.	0.5	3

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55	Absolute Monotonicity Involving the Complete Elliptic Integrals of the First Kind with Applications. Acta Mathematica Scientia, 2022, 42, 847-864.	0.5	3
56	An effective pitch detection method for speech signals with low signal-to-noise ratio. , 2008, , .		2
57	The key theorem of statistical learning theory of complex rough samples corrupted by noise. , 2008, , .		2
58	A note on "Generalized fuzzy rough approximation operators based on fuzzy coverings". International Journal of Approximate Reasoning, 2011, 52, 1195-1197.	1.9	2
59	Reversed version of a generalized Aczl's inequality and its application. Journal of Inequalities and Applications, 2012, 2012, .	0.5	2
60	A New Refinement of Generalized Hlder's Inequality and Its Application. Journal of Function Spaces and Applications, 2013, 2013, 1-5.	0.5	2
61	A sharpened and generalized version of Aczl-VasiPeri inequality and its application. Journal of Inequalities and Applications, 2013, 2013, .	0.5	2
62	New refinements of generalized Aczl inequality. Journal of Inequalities and Applications, 2014, 2014, .	0.5	2
63	A new chain of inequalities involving the Toader-Qi, logarithmic and exponential means. Applicable Analysis and Discrete Mathematics, 2021, 15, 467-485.	0.3	2
64	Sharp bounds for the Toader mean in terms of arithmetic and geometric means. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2021, 115, 1.	0.6	2
65	New properties of the divided difference of psi and polygamma functions. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2021, 115, 1.	0.6	2
66	Reversed versions of Aczl-type inequality and Bellman-type inequality. Journal of Mathematical Inequalities, 2015, , 417-424.	0.5	2
67	Property of a Hlder-type inequality and its application. Mathematical Inequalities and Applications, 2013, , 831-841.	0.1	2
68	Logarithmically complete monotonicity of ratios of q-gamma functions. Journal of Mathematical Analysis and Applications, 2022, 508, 125868.	0.5	2
69	Convexity of a ratio of the modified Bessel functions of the second kind with applications. Proceedings of the American Mathematical Society, 0, , .	0.4	2
70	An effective identification method for speaker recognition based on PCA and double VQ. , 2009, , .		1
71	Refinements of Hardy-Type Inequalities. Abstract and Applied Analysis, 2013, 2013, 1-8.	0.3	1
72	Generalizations of Refined Hlder's Inequalities and Their Applications. Mathematical Problems in Engineering, 2014, 2014, 1-11.	0.6	1

#	ARTICLE	IF	CITATIONS
73	A Class of Coupled Causal Differential Equations. <i>Symmetry</i> , 2018, 10, 421.	1.1	1
74	Two-Point Boundary Value Problems for First Order Causal Difference Equations. <i>Indian Journal of Pure and Applied Mathematics</i> , 2020, 51, 1399-1416.	0.3	1
75	On $\tilde{\Gamma}$ -contractions and common fixed point results in probabilistic metric spaces. <i>Fixed Point Theory</i> , 2020, 21, 319-338.	0.3	1
76	Some important inequalities and their application on Sugeno measure space. , 2010, , .		0
77	Refinements of AczÅ©l-Type Inequality and Their Applications. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-7.	0.4	0
78	Refinements of Generalized HÅ©lderâ€™s Inequalities. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-9.	0.4	0
79	Causal difference equations with upper and lower solutions in the reverse order. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	0
80	Properties of generalized HÅ©lder's inequalities. <i>Journal of Mathematical Inequalities</i> , 2015, , 473-480.	0.5	0
81	Common fixed point results for probabilistic $\tilde{\Gamma}$ -contractions in generalized probabilistic metric spaces. <i>Journal of Nonlinear Science and Applications</i> , 2017, 10, 3939-3962.	0.4	0
82	Oscillation and Nonoscillatory Criteria of Higher Order Dynamic Equations on Time Scales. <i>Mathematics</i> , 2022, 10, 717.	1.1	0