

# Jing-Feng Tian

## List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Logarithmically complete monotonicity of ratios of q-gamma functions. Journal of Mathematical Analysis and Applications, 2022, 508, 125868.	0.5	2
2	Oscillation and Nonoscillatory Criteria of Higher Order Dynamic Equations on Time Scales. Mathematics, 2022, 10, 717.	1.1	0
3	Several Absolutely Monotonic Functions Related to the Complete Elliptic Integral of the First Kind. Results in Mathematics, 2022, 77, 1.	0.4	4
4	Absolute Monotonicity Involving the Complete Elliptic Integrals of the First Kind with Applications. Acta Mathematica Scientia, 2022, 42, 847-864.	0.5	3
5	Asymptotic expansions of Gurland's ratio and sharp bounds for their remainders. Journal of Mathematical Analysis and Applications, 2021, 493, 124545.	0.5	9
6	A sharp lower bound for the complete elliptic integrals of the first kind. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2021, 115, 1.	0.6	9
7	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
8	A family of high order approximations of Ramanujan type for perimeter of an ellipse. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2021, 115, 1.	0.6	6
9	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
10	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
11	Oscillation Criteria of Second-Order Dynamic Equations on Time Scales. Mathematics, 2021, 9, 1867.	1.1	4
12	Absolutely monotonic functions involving the complete elliptic integrals of the first kind with applications. Journal of Mathematical Inequalities, 2021, , 1299-1310.	0.5	3
13	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
14	Sharp bounds for the ratio of two zeta functions. Journal of Computational and Applied Mathematics, 2020, 364, 112359.	1.1	46
15	Tripled fuzzy metric spaces and fixed point theorem. Information Sciences, 2020, 518, 113-126.	4.0	8
16	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
17	New Sharp Bounds for the Modified Bessel Function of the First Kind and Toader-Qi Mean. Mathematics, 2020, 8, 901.	1.1	5
18	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

#	ARTICLE	IF	CITATIONS
19	A Rational Approximation for the Complete Elliptic Integral of the First Kind. <i>Mathematics</i> , 2020, 8, 635.	1.1	9
20	On Cauchy's Schwarz inequality for N-tuple diamond-alpha integral. <i>Journal of Inequalities and Applications</i> , 2020, 2020, .	0.5	19
21	Properties of the power-mean and their applications. <i>AIMS Mathematics</i> , 2020, 5, 7285-7300.	0.7	11
22	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
23	On $\tilde{\tau}$ -contractions and common fixed point results in probabilistic metric spaces. <i>Fixed Point Theory</i> , 2020, 21, 319-338.	0.3	1
24	An Additive-Consistency- and Consensus-Based Approach for Uncertain Group Decision Making With Linguistic Preference Relations. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 873-887.	6.5	33
25	Monotonicity, convexity, and complete monotonicity of two functions related to the gamma function. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2019, 113, 3603-3617.	0.6	8
26	Causal difference equations with upper and lower solutions in the reverse order. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	0
27	Asymptotic expansions for the gamma function in terms of hyperbolic functions. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 478, 133-155.	0.5	6
28	N-tuple Diamond-Alpha integral and inequalities on time scales. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2019, 113, 2189-2200.	0.6	17
29	On Burnside type approximation for the gamma function. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2019, 113, 2665-2677.	0.6	3
30	Sharp inequalities for the generalized elliptic integrals of the first kind. <i>Ramanujan Journal</i> , 2019, 48, 91-116.	0.4	32
31	Monotonicity rules for the ratio of two Laplace transforms with applications. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 470, 821-845.	0.5	34
32	Convexity and monotonicity for elliptic integrals of the first kind and applications. <i>Applicable Analysis and Discrete Mathematics</i> , 2019, 13, 240-260.	0.3	34
33	A comparison theorem for two divided differences and applications to special functions. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 464, 580-595.	0.5	22
34	Windschitl type approximation formulas for the gamma function. <i>Journal of Inequalities and Applications</i> , 2018, 2018, 272.	0.5	5
35	Two asymptotic expansions for gamma function developed by Windschitl's formula. <i>Open Mathematics</i> , 2018, 16, 1048-1060.	0.5	11
36	A Class of Coupled Causal Differential Equations. <i>Symmetry</i> , 2018, 10, 421.	1.1	1

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37	Extensions of Hölder's Inequality via Pseudo-Integral. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-5.	0.6	4
38	A class of completely mixed monotonic functions involving the gamma function with applications. <i>Proceedings of the American Mathematical Society</i> , 2018, 146, 4707-4721.	0.4	35
39	An accurate approximation formula for gamma function. <i>Journal of Inequalities and Applications</i> , 2018, 2018, 56.	0.5	14
40	Periodic boundary value problems for first-order impulsive difference equations with time delay. <i>Advances in Difference Equations</i> , 2018, 2018, .	3.5	8
41	Triple Diamond-Alpha integral and Hölder-type inequalities. <i>Journal of Inequalities and Applications</i> , 2018, 2018, 111.	0.5	16
42	Monotonicity and sharp inequalities related to gamma function. <i>Journal of Mathematical Inequalities</i> , 2018, , 1-22.	0.5	34
43	Properties and refinements of Aczél-type inequalities. <i>Journal of Mathematical Inequalities</i> , 2018, , 175-189.	0.5	11
44	Improvements of generalized Hölder's inequalities and their applications. <i>Journal of Mathematical Inequalities</i> , 2018, , 459-471.	0.5	13
45	A family of Windschitl type approximations for gamma function. <i>Journal of Mathematical Inequalities</i> , 2018, , 889-899.	0.5	3
46	Monotonicity and inequalities for the gamma function. <i>Journal of Inequalities and Applications</i> , 2017, 2017, .	0.5	29
47	Extensions of Holder-type inequalities on time scales and their applications. <i>Journal of Nonlinear Science and Applications</i> , 2017, 10, 937-953.	0.4	9
48	Generalizations of Hu-type inequalities and their applications. <i>Journal of Nonlinear Science and Applications</i> , 2017, 10, 1971-1985.	0.4	4
49	Properties of generalized sharp Hölder's inequalities. <i>Journal of Mathematical Inequalities</i> , 2017, , 511-525.	0.5	14
50	Optimal inequalities involving power-exponential mean, arithmetic mean and geometric mean. <i>Journal of Mathematical Inequalities</i> , 2017, , 1169-1183.	0.5	7
51	Common fixed point results for probabilistic $\tilde{I}$ -contractions in generalized probabilistic metric spaces. <i>Journal of Nonlinear Science and Applications</i> , 2017, 10, 3939-3962.	0.4	0
52	Difference equations involving causal operators with nonlinear boundary conditions. <i>Journal of Nonlinear Science and Applications</i> , 2016, 08, 267-274.	0.4	5
53	Common tripled fixed point theorem for $W$ -compatible mappings in fuzzy metric spaces. <i>Journal of Nonlinear Science and Applications</i> , 2016, 09, 806-818.	0.4	3
54	New refinements of generalized Aczél's inequality and their applications. <i>Journal of Mathematical Inequalities</i> , 2016, , 247-259.	0.5	3

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55	New refinements of generalized H $\check{A}$ lder's inequality and their applications. <i>Mathematical Inequalities and Applications</i> , 2016, , 805-822.	0.1	4
56	Reversed versions of Acz $\check{A}$ l-type inequality and Bellman-type inequality. <i>Journal of Mathematical Inequalities</i> , 2015, , 417-424.	0.5	2
57	Properties of generalized H $\check{A}$ lder's inequalities. <i>Journal of Mathematical Inequalities</i> , 2015, , 473-480.	0.5	0
58	Generalizations of Refined H $\check{A}$ lder's Inequalities and Their Applications. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-11.	0.6	1
59	Generalized monotone iterative method for nonlinear boundary value problems with causal operators. <i>Boundary Value Problems</i> , 2014, 2014, .	0.3	5
60	Refinements of Acz $\check{A}$ l-Type Inequality and Their Applications. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-7.	0.4	0
61	Refinements of Generalized H $\check{A}$ lder's Inequalities. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-9.	0.4	0
62	New property of a generalized H $\check{A}$ lder's inequality and its applications. <i>Information Sciences</i> , 2014, 288, 45-54.	4.0	10
63	New refinements of generalized Acz $\check{A}$ l inequality. <i>Journal of Inequalities and Applications</i> , 2014, 2014, .	0.5	2
64	Refinements of Hardy-Type Inequalities. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-8.	0.3	1
65	A New Reversed Version of a Generalized Sharp H $\check{A}$ lder's Inequality and Its Applications. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-9.	0.3	4
66	A New Refinement of Generalized H $\check{A}$ lder's Inequality and Its Application. <i>Journal of Function Spaces and Applications</i> , 2013, 2013, 1-5.	0.5	2
67	Refinements of Generalized Acz $\check{A}$ l's Inequality and Bellman's Inequality and Their Applications. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-6.	0.4	5
68	A sharpened and generalized version of Acz $\check{A}$ l-Vasi $\check{A}$ ri inequality and its application. <i>Journal of Inequalities and Applications</i> , 2013, 2013, .	0.5	2
69	Refinements of generalized H $\check{A}$ lder's inequality. <i>Journal of Mathematical Inequalities</i> , 2013, , 701-710.	0.5	5
70	Property of a H $\check{A}$ lder-type inequality and its application. <i>Mathematical Inequalities and Applications</i> , 2013, , 831-841.	0.1	2
71	ON ATTRIBUTE REDUCTION WITH INTUITIONISTIC FUZZY ROUGH SETS. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2012, 20, 59-76.	0.9	5
72	Reversed version of a generalized Acz $\check{A}$ l's inequality and its application. <i>Journal of Inequalities and Applications</i> , 2012, 2012, .	0.5	2

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73	Reversed version of a generalized sharp Hölder's inequality and its applications. Information Sciences, 2012, 201, 61-69.	4.0	20
74	A note on "Generalized fuzzy rough approximation operators based on fuzzy coverings". International Journal of Approximate Reasoning, 2011, 52, 1195-1197.	1.9	2
75	Inequalities and mathematical properties of uncertain variables. Fuzzy Optimization and Decision Making, 2011, 10, 357-368.	3.4	12
76	Extension of Hu Ke's inequality and its applications. Journal of Inequalities and Applications, 2011, 2011, .	0.5	5
77	Some important inequalities and their application on Sugeno measure space. , 2010, , .		0
78	Moment Estimation Inequalities Based on $g$ -Random Variable on Sugeno Measure Space. Journal of Inequalities and Applications, 2010, 2010, 1-10.	0.5	6
79	An effective identification method for speaker recognition based on PCA and double VQ. , 2009, , .		1
80	An effective pitch detection method for speech signals with low signal-to-noise ratio. , 2008, , .		2
81	The key theorem of statistical learning theory of complex rough samples corrupted by noise. , 2008, , .		2
82	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