

Wing-Sum Cheung

List of Publications by Year in descending order

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111
papers

1,049
citations

430754

18
h-index

501076

28
g-index

115
all docs

115
docs citations

115
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	The mixed conformable partial derivatives. Periodica Mathematica Hungarica, 2021, 82, 173-180.	0.5	0
2	Generalizations of Popoviciu's and Bellman's Inequalities. Bulletin of the Brazilian Mathematical Society, 2020, 51, 417-428.	0.3	0
3	Two-Point Boundary Value Problems for First Order Causal Difference Equations. Indian Journal of Pure and Applied Mathematics, 2020, 51, 1399-1416.	0.3	1
4	On Reverse Hilbert-Pachpatte-Type Inequalities. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 2899-2904.	0.7	0
5	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
6	Inequalities for Katugampola conformable partial derivatives. Journal of Inequalities and Applications, 2019, 2019, .	0.5	1
7	q -dual mixed volumes and L_p -intersection bodies. Georgian Mathematical Journal, 2019, 26, 149-157.	0.2	0
8	On Improvements of Kantorovich Type Inequalities. Mathematics, 2019, 7, 259.	1.1	1
9	A Class of Coupled Causal Differential Equations. Symmetry, 2018, 10, 421.	1.1	1
10	Orlicz Mean Dual Affine Quermassintegrals. Journal of Function Spaces, 2018, 2018, 1-13.	0.4	2
11	Periodic boundary value problems for first-order impulsive difference equations with time delay. Advances in Difference Equations, 2018, 2018, .	3.5	8
12	On Hilbert's inequalities with alternating signs. Journal of Mathematical Inequalities, 2018, , 191-200.	0.5	8
13	Plastic dynamics of the Al _{0.5} CoCrCuFeNi high entropy alloy at cryogenic temperatures: Jerky flow, stair-like fluctuation, scaling behavior, and non-chaotic state. Applied Physics Letters, 2017, 111, .	1.5	23
14	Opial Inequalities Involving Higher-Order Partial Derivatives. , 2016, , 751-759.		0
15	Reverse Beckenbach-Dresher's inequality. Journal of Inequalities and Applications, 2015, 2015, .	0.5	0
16	On Reverse Minkowski-Type Inequalities. Mediterranean Journal of Mathematics, 2015, 12, 1085-1094.	0.4	1
17	On Hardy-Pachpatte-Copson's Inequalities. Scientific World Journal, The, 2014, 2014, 1-7.	0.8	0
18	On Retarded Integral Inequalities for Dynamic Systems on Time Scales. Abstract and Applied Analysis, 2014, 2014, 1-7.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Various sizes of sliding event bursts in the plastic flow of metallic glasses based on a spatiotemporal dynamic model. <i>Journal of Applied Physics</i> , 2014, 116, .	1.1	19
20	Advances in Opial's Type Integral Inequalities. , 2014, , 749-778.		0
21	Some properties of functions related to certain classes of completely monotonic functions and logarithmically completely monotonic functions. <i>Filomat</i> , 2014, 28, 821-828.	0.2	8
22	On Opial-type integral inequalities and applications. <i>Mathematical Inequalities and Applications</i> , 2014, , 223-232.	0.1	4
23	Reverse Hilbert's type integral inequalities. <i>Mathematical Inequalities and Applications</i> , 2014, , 1551-1561.	0.1	0
24	On the Hermite-Hadamard type inequalities. <i>Journal of Inequalities and Applications</i> , 2013, 2013, .	0.5	10
25	An Opial-Type Inequality on Time Scales. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-5.	0.3	0
26	On Inequalities of Lyapunov for Two-Dimensional Nonlinear Dynamic Systems on Time Scales. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-8.	0.3	2
27	On a half-discrete Mulholland-type inequality. <i>Mathematical Inequalities and Applications</i> , 2013, , 527-534.	0.1	1
28	On Bohr's Inequalities. <i>Springer Optimization and Its Applications</i> , 2012, , 147-160.	0.6	1
29	On Opial-type inequalities with higher order partial derivatives. <i>Applied Mathematics Letters</i> , 2012, 25, 2156-2161.	1.5	3
30	Wilker- and Huygens-type inequalities and solution to Oppenheim's problem. <i>Integral Transforms and Special Functions</i> , 2012, 23, 325-336.	0.8	21
31	On Hilbert type inequalities. <i>Journal of Inequalities and Applications</i> , 2012, 2012, .	0.5	3
32	On Opial's type inequalities for an integral operator with homogeneous kernel. <i>Journal of Inequalities and Applications</i> , 2012, 2012, .	0.5	1
33	Some sharp integral inequalities involving partial derivatives. <i>Journal of Inequalities and Applications</i> , 2012, 2012, .	0.5	0
34	Polar duals of convex and star bodies. <i>Journal of Inequalities and Applications</i> , 2012, 2012, .	0.5	2
35	Sharpness of Wilker and Huygens type inequalities. <i>Journal of Inequalities and Applications</i> , 2012, 2012, .	0.5	17
36	ON OPIAL INEQUALITIES INVOLVING HIGHER ORDER DERIVATIVES. <i>Bulletin of the Korean Mathematical Society</i> , 2012, 49, 1263-1274.	0.3	3

#	ARTICLE	IF	CITATIONS
37	Existence and Lyapunov Stability of Periodic Solutions for Generalized Higher-Order Neutral Differential Equations. <i>Boundary Value Problems</i> , 2011, 2011, 1-21.	0.3	4
38	On some new Hilbert-type inequalities. <i>Mathematica Slovaca</i> , 2011, 61, 15-28.	0.3	7
39	Radial Blaschke-Minkowski homomorphisms and volume differences. <i>Geometriae Dedicata</i> , 2011, 154, 81-91.	0.1	18
40	Some new nonlinear retarded sum-difference inequalities with applications. <i>Advances in Difference Equations</i> , 2011, 2011, .	3.5	10
41	Sharp Cusa and Becker-Stark inequalities. <i>Journal of Inequalities and Applications</i> , 2011, 2011, .	0.5	25
42	On improvements of the Rozanova's inequality. <i>Journal of Inequalities and Applications</i> , 2011, 2011, .	0.5	6
43	On some Opial-type inequalities. <i>Journal of Inequalities and Applications</i> , 2011, 2011, .	0.5	11
44	On Minkowski's inequality and its application. <i>Journal of Inequalities and Applications</i> , 2011, 2011, .	0.5	8
45	On Shafer and Carlson Inequalities. <i>Journal of Inequalities and Applications</i> , 2011, 2011, 840206.	0.5	11
46	On Multivariate Ostrowski Type Inequalities. <i>Springer Optimization and Its Applications</i> , 2011, , 361-369.	0.6	0
47	L_p -mixed intersection bodies and star duality. <i>Proceedings of the Indian Academy of Sciences: Mathematical Sciences</i> , 2010, 120, 429-440.	0.2	1
48	On Hilbert-Pachpatte Multiple Integral Inequalities. <i>Journal of Inequalities and Applications</i> , 2010, 2010, 820857.	0.5	1
49	On Ostrowski-Type Inequalities for Higher-Order Partial Derivatives. <i>Journal of Inequalities and Applications</i> , 2010, 2010, 1-8.	0.5	1
50	On Lyapunov-Type Inequalities for Two-Dimensional Nonlinear Partial Systems. <i>Journal of Inequalities and Applications</i> , 2010, 2010, 504982.	0.5	6
51	CHORD POWER INTEGRALS OF SIMPLICES. <i>Asian-European Journal of Mathematics</i> , 2009, 02, 557-565.	0.2	1
52	Gronwall-Bellman-Type Integral Inequalities and Applications to BVPs. <i>Journal of Inequalities and Applications</i> , 2009, 2009, 258569.	0.5	12
53	Firey linear combinations of convex bodies. <i>Journal of Shanghai University</i> , 2009, 13, 102-104.	0.1	1
54	Positive periodic solution of second-order neutral functional differential equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009, 71, 3948-3955.	0.6	30

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55	Lp-Brunn-Minkowski inequality. <i>Indagationes Mathematicae</i> , 2009, 20, 179-190.	0.2	4
56	Sharp discrete inequalities and applications to discrete variational problems. <i>Journal of Computational and Applied Mathematics</i> , 2009, 232, 176-186.	1.1	1
57	Chord power integrals and radial mean bodies. <i>Journal of Mathematical Analysis and Applications</i> , 2008, 342, 629-637.	0.5	4
58	Bounds for inclusion measures of convex bodies. <i>Advances in Applied Mathematics</i> , 2008, 41, 584-598.	0.4	4
59	Remarks on two theorems of Qi-Keng Lu. <i>Science in China Series A: Mathematics</i> , 2008, 51, 773-776.	0.5	1
60	Determination of convex bodies from $\hat{\tau}^c$ -section functions. <i>Journal of Shanghai University</i> , 2008, 12, 200-203.	0.1	6
61	On Inverse Hilbert-Type Inequalities. <i>Journal of Inequalities and Applications</i> , 2008, 2008, 1-6.	0.5	0
62	On Multivariate Gr \tilde{A} ss Inequalities. <i>Journal of Inequalities and Applications</i> , 2008, 2008, 249438.	0.5	4
63	Some New Nonlinear Weakly Singular Integral Inequalities of Wendroff Type with Applications. <i>Journal of Inequalities and Applications</i> , 2008, 2008, 909156.	0.5	10
64	On Opial-Type Integral Inequalities. <i>Journal of Inequalities and Applications</i> , 2007, 2007, 1-16.	0.5	2
65	Logarithmically completely monotonic functions concerning gamma and digamma functions. <i>Integral Transforms and Special Functions</i> , 2007, 18, 435-443.	0.8	19
66	Some new nonlinear difference inequalities and their applications. <i>Journal of Computational and Applied Mathematics</i> , 2007, 202, 339-351.	1.1	39
67	Opial-type inequalities for differential operators. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2007, 66, 2028-2039.	0.6	10
68	Oscillation criteria for first and second order forced difference equations with mixed nonlinearities. <i>Mathematical and Computer Modelling</i> , 2007, 45, 965-973.	2.0	4
69	Fixed-sign solutions for a system of singular focal boundary value problems. <i>Journal of Mathematical Analysis and Applications</i> , 2007, 329, 851-869.	0.5	4
70	Multiple positive solutions for discrete nonlocal boundary value problems. <i>Journal of Mathematical Analysis and Applications</i> , 2007, 330, 900-915.	0.5	20
71	Radial mean bodies of simplices. <i>Journal of Shanghai University</i> , 2007, 11, 49-51.	0.1	1
72	Inclusion measures of convex bodies (II). <i>Journal of Shanghai University</i> , 2007, 11, 545-548.	0.1	0

#	ARTICLE	IF	CITATIONS
73	LOGARITHMIC CONVEXITY OF THE ONE-PARAMETER MEAN VALUES. Taiwanese Journal of Mathematics, 2007, 11, .	0.2	14
74	AN EQUIVALENCE FORM OF THE BRUNN-MINKOWSKI INEQUALITY FOR VOLUME DIFFERENCES. Journal of the Korean Mathematical Society, 2007, 44, 1373-1381.	0.4	1
75	Inverses of new Hilbert-Pachpatte-type inequalities. Journal of Inequalities and Applications, 2006, 2006, 1-11.	0.5	4
76	Some new nonlinear inequalities and applications to boundary value problems. Nonlinear Analysis: Theory, Methods & Applications, 2006, 64, 2112-2128.	0.6	82
77	Periodic solutions for Δ -Laplacian Rayleigh equations. Nonlinear Analysis: Theory, Methods & Applications, 2006, 65, 2003-2012.	0.6	41
78	Discrete non-linear inequalities and applications to boundary value problems. Journal of Mathematical Analysis and Applications, 2006, 319, 708-724.	0.5	77
79	Bohr's inequalities for Hilbert space operators. Journal of Mathematical Analysis and Applications, 2006, 323, 403-412.	0.5	19
80	On a non-abelian invariant on complex surfaces of general type. Science in China Series A: Mathematics, 2006, 49, 1897-1900.	0.5	0
81	On certain new Gronwall-Ou-lang type integral inequalities in two variables and their applications. Journal of Inequalities and Applications, 2005, 2005, 541438.	0.5	24
82	On the existence of periodic solutions for p -Laplacian generalized Li \ddot{a} rd equation. Nonlinear Analysis: Theory, Methods & Applications, 2005, 60, 65-75.	0.6	17
83	Positive solution for m -point boundary value problems. Journal of Mathematical Analysis and Applications, 2005, 303, 565-575.	0.5	22
84	Periodic solutions for Δ -Laplacian differential equation with multiple deviating arguments. Nonlinear Analysis: Theory, Methods & Applications, 2005, 62, 727-742.	0.6	12
85	On the existence of periodic solutions for Δ -Laplacian generalized Li \ddot{a} rd equation. Nonlinear Analysis: Theory, Methods & Applications, 2005, 60, 65-75.	0.6	33
86	Twin positive solutions for quasi-linear multi-point boundary value problems. Nonlinear Analysis: Theory, Methods & Applications, 2005, 62, 167-177.	0.6	15
87	Note on weighted Carleman-type inequality. International Journal of Mathematics and Mathematical Sciences, 2005, 2005, 475-481.	0.3	5
88	Integral Inequalities in Higher Dimensional Spaces. Zeitschrift Fur Analysis Und Ihre Anwendung, 2005, 24, 389-400.	0.8	0
89	Some New Weighted Hardy-type Inequalities for Vector-Valued Functions. Mathematical Inequalities and Applications, 2005, , 199-206.	0.1	0
90	Some Discrete Nonlinear Inequalities and Applications to Boundary Value Problems. , 2005, , 83-90.		0

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91	Periodic solutions for p -Laplacian Liénard equation with a deviating argument. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2004, 59, 107-120.	0.6	18
92	Some Discrete Nonlinear Inequalities and Applications to Boundary Value Problems for Difference Equations. <i>Journal of Difference Equations and Applications</i> , 2004, 10, 213-223.	0.7	37
93	ON A WEAK FORM OF THE BLUMBERG PROPERTY. , 2004, , .		0
94	Some remarks on the local moduli of tangent bundles over complex surfaces. <i>American Journal of Mathematics</i> , 2003, 125, 1029-1035.	0.5	3
95	Some discrete Poincaré-type inequalities. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2001, 25, 479-488.	0.3	3
96	Generalizations of Hölder's inequality. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2001, 26, 7-10.	0.3	18
97	Some New Poincaré-type inequalities. <i>Bulletin of the Australian Mathematical Society</i> , 2001, 63, 321-327.	0.3	12
98	Some Hardy-Type Inequalities. <i>Journal of Mathematical Analysis and Applications</i> , 2000, 250, 621-634.	0.5	10
99	On Multi-Dimensional Integral Inequalities and Applications. , 1999, , 53-67.		1
100	Multi-dimensional integral inequalities of the Wirtinger-type. <i>Mathematical Inequalities and Applications</i> , 1998, , 481-489.	0.1	1
101	DISCRETE POINCARÉ-TYPE INEQUALITIES. <i>Tamkang Journal of Mathematics</i> , 1998, 29, 145-153.	0.3	3
102	On integral inequalities of the Sobolev type. <i>Aequationes Mathematicae</i> , 1995, 49, 153-159.	0.4	3
103	GRIFFITHS' FORMALISM ON THE CALCULUS OF VARIATIONS VIA EXTERIOR DIFFERENTIAL SYSTEMS. , 1995, , 89-116.		0
104	Opial-type inequalities with m functions in n variables. <i>Mathematika</i> , 1992, 39, 319-326.	0.3	21
105	An Integral Inequality of an Intrinsic Measure on Bounded Domains in \mathbb{R}^n . <i>Rocky Mountain Journal of Mathematics</i> , 1992, 22, 825.	0.2	2
106	Some generalized Opial-type inequalities. <i>Journal of Mathematical Analysis and Applications</i> , 1991, 162, 317-321.	0.5	34
107	Some new Opial-type inequalities. <i>Mathematika</i> , 1990, 37, 136-142.	0.3	27
108	On Opial-type inequalities in two variables. <i>Aequationes Mathematicae</i> , 1989, 38, 236-244.	0.4	28

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109	Higher order conservation laws and a higher order Noether's theorem. <i>Advances in Applied Mathematics</i> , 1987, 8, 446-485.	0.4	4
110	Higher dimensional Hermite-Hadamard inequality for semiconvex functions of rate (k_1, k_2, \dots, k_n) on the coordinates and optimal mass transportation. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	1.2	0
111	Hilbert's inequalities with alternating signs. <i>Periodica Mathematica Hungarica</i> , 0, , 1.	0.5	0