Mohammad sababheh

List of Publications by Year
in descending order

57 papers	2,612 citations	759233 12 h-index	223800 46 g-index
57 all docs	57 docs citations	57 times ranked	1156 citing authors

#	Article	IF	Citations
1	A new definition of fractional derivative. Journal of Computational and Applied Mathematics, 2014, 264, 65-70.	2.0	2,209
2	A complete refinement of Young's inequality. Journal of Mathematical Analysis and Applications, 2016, 440, 379-393.	1.0	36
3	Advanced refinements of Young and Heinz inequalities. Journal of Number Theory, 2017, 172, 178-199.	0.4	20
4	Convexity and matrix means. Linear Algebra and Its Applications, 2016, 506, 588-602.	0.9	19
5	More accurate numerical radius inequalitiesÂ(I). Linear and Multilinear Algebra, 2021, 69, 1964-1973.	1.0	19
6	More accurate operator means inequalities. Journal of Mathematical Analysis and Applications, 2018, 465, 267-280.	1.0	16
7	Means Refinements Via Convexity. Mediterranean Journal of Mathematics, 2017, 14, 1.	0.8	15
8	Log and harmonically log-convex functions related to matrix norms. Operators and Matrices, 2016, , 453-465.	0.3	15
9	Interpolated inequalities for unitarily invariant norms. Linear Algebra and Its Applications, 2015, 475, 240-250.	0.9	14
10	Norm Inequalities Related to the Heron and Heinz Means. Mediterranean Journal of Mathematics, 2017, 14, 1.	0.8	14
11	New sharp inequalities for operator means. Linear and Multilinear Algebra, 2019, 67, 1567-1578.	1.0	14
12	Numerical radii of accretive matrices. Linear and Multilinear Algebra, 2021, 69, 957-970.	1.0	14
13	More accurate numerical radius inequalities (II). Linear and Multilinear Algebra, 2021, 69, 921-933.	1.0	14
14	From positive to accretive matrices. Positivity, 2021, 25, 1601-1629.	0.7	14
15	Numerical radius inequalities via convexity. Linear Algebra and Its Applications, 2018, 549, 67-78.	0.9	13
16	Heinz-type numerical radii inequalities. Linear and Multilinear Algebra, 2019, 67, 953-964.	1.0	11
17	Convex functions and means of matrices. Mathematical Inequalities and Applications, 2017, , 29-47.	0.2	11
18	Remotality of Closed Bounded Convex Sets in Reflexive Spaces. Numerical Functional Analysis and Optimization, 2008, 29, 1166-1170.	1.4	10

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19	Some extended numerical radius inequalities. Linear and Multilinear Algebra, 2021, 69, 907-920.	1.0	10
20	Improved Jensen's inequality. Mathematical Inequalities and Applications, 2017, , 389-403.	0.2	10
21	The weighted numerical radius. Annals of Functional Analysis, 2022, 13, 1.	0.8	10
22	Graph indices via the AM–GM inequality. Discrete Applied Mathematics, 2017, 230, 100-111.	0.9	9
23	Integrals Refining Convex Inequalities. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 2817-2833.	0.9	9
24	Interpolated Young and Heinz inequalities. Linear and Multilinear Algebra, 2015, 63, 2232-2244.	1.0	8
25	Integral inequalities of the Heinz means as convex functions. Journal of Mathematical Inequalities, 2016, , 313-325.	0.9	7
26	Lieb functions and sectorial matrices. Linear Algebra and Its Applications, 2020, 586, 308-324.	0.9	6
27	On the weighted geometric mean of accretive matrices. Annals of Functional Analysis, 2021, 12, 1.	0.8	6
28	Quadratic interpolation of the Heinz means. Mathematical Inequalities and Applications, 2018, , 739-757.	0.2	6
29	Some operator inequalities via convexity. Linear and Multilinear Algebra, 2022, 70, 7740-7752.	1.0	6
30	Weighted Inequalities For The Numerical Radius. Vietnam Journal of Mathematics, 2023, 51, 363-377.	0.8	5
31	Accretive Matrices and Matrix Convex Functions. Results in Mathematics, 2022, 77, 1.	0.8	5
32	A geometric approach to numerical radius inequalities. Linear Algebra and Its Applications, 2022, 652, 1-17.	0.9	5
33	Matrix Mixed Mean Inequalities. Results in Mathematics, 2019, 74, 1.	0.8	4
34	Uniquely remotal sets in Banach spaces. Filomat, 2017, 31, 2773-2777.	0.5	4
35	On the matrix harmonic mean. Journal of Mathematical Inequalities, 2018, , 901-920.	0.9	4
36	Inequalities related to the arithmetic, geometric and harmonic means. Journal of Mathematical Inequalities, 2017, , 1-16.	0.9	3

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37	Two-Sided Probabilistic Versions of Hardy's Inequality. Journal of Fourier Analysis and Applications, 2007, 13, 577-587.	1.0	2
38	On an argument of Körner and Hardy's inequality. Analysis Mathematica, 2008, 34, 51-57.	0.5	2
39	Operator-norm inequalities and interpolated trace inequalities. Linear and Multilinear Algebra, 2015, 63, 455-465.	1.0	2
40	Exponential Inequalities for Positive Linear Mappings. Journal of Function Spaces, 2018, 2018, 1-7.	0.9	2
41	Eigenvalue inequalities for n-tuple of matrices. Linear and Multilinear Algebra, 2021, 69, 2192-2203.	1.0	2
42	On the Operator Hermite–Hadamard Inequality. Complex Analysis and Operator Theory, 2021, 15, 1.	0.6	2
43	Hardy Inequalities on the Real Line. Canadian Mathematical Bulletin, 2011, 54, 159-171.	0.5	1
44	On the Invariant Subspace Problem. Bulletin of the Malaysian Mathematical Sciences Society, 2016, 39, 699-705.	0.9	1
45	Unitarily invariant norm inequalities for elementary operators involving G1 operators. Linear Algebra and Its Applications, 2017, 513, 84-95.	0.9	1
46	Functional inequalities for positive matrices. Linear and Multilinear Algebra, 2020, 68, 2462-2472.	1.0	1
47	Radical Convex Functions. Mediterranean Journal of Mathematics, 2021, 18, 1.	0.8	1
48	Hardy-type inequalities for functions whose Fourier transforms have gaps. Journal of Contemporary Mathematical Analysis, 2015, 50, 246-252.	0.4	0
49	Piecewise Quadratic Interpolation and Applications to the Young Inequality. Results in Mathematics, 2017, 72, 1315-1328.	0.8	0
50	The interpolation of Young's inequality using dyadics. Journal of Inequalities and Applications, 2019, 2019, .	1.1	0
51	New inequalities for the generalized Karcher mean. Linear Algebra and Its Applications, 2019, 580, 184-199.	0.9	0
52	Ando-Hiai and Golden-Thompson inequalities. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2022, 116, 1.	1.2	0
53	Quadratic refinements of matrix means. Studia Universitatis Babes-Bolyai Mathematica, 2017, 62, 413-426.	0.4	0
54	Extrapolation of convex functions. Filomat, 2018, 32, 127-139.	0.5	0

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55	Matrix inequalities via Bernstein functions. Annals of Functional Analysis, 2022, 13, .	0.8	0
56	More about operator order preserving. Rocky Mountain Journal of Mathematics, 2021, 51, .	0.4	0
57	Norm inequalities for Heinz and Heron means via contractive maps. International Journal of Mathematics, 0, , .	0.5	0