Fuad A Kittaneh

List of Publications by Year
in descending order

140 papers	3,034 citations	201385 27 h-index	214527 47 g-index
141 all docs	141 docs citations	141 times ranked	346 citing authors

#	Article	IF	Citations
1	Singular value and norm inequalities for positive semidefiniteÂmatrices. Linear and Multilinear Algebra, 2022, 70, 4498-4507.	0.5	6
2	Unitarily invariant norm inequalities for positive semidefinite matrices. Linear Algebra and Its Applications, 2022, 633, 303-315.	0.4	5
3	Accretive Matrices and Matrix Convex Functions. Results in Mathematics, 2022, 77, 1.	0.4	5
4	Norm inequalities for positive semidefinite matrices and a question of Bourin III. Positivity, 2022, 26, 1.	0.3	4
5	Further unitarily invariant norm inequalities for positive semidefinite matrices. Positivity, 2022, 26, 1.	0.3	4
6	Some New Refinements of Generalized Numerical Radius Inequalities for Hilbert Space Operators. Mediterranean Journal of Mathematics, 2022, 19, 1.	0.4	7
7	Inequalities for the Kronecker product of matrices. Annals of Functional Analysis, 2022, 13, .	0.3	2
8	A Hilbert-Schmidt norm Inequality for positive semidefinite matrices related to a question of Bourin. Positivity, 2022, 26, .	0.3	1
9	A geometric approach to numerical radius inequalities. Linear Algebra and Its Applications, 2022, 652, 1-17.	0.4	5
10	Unitarily invariant norm inequalities for functions of accretive-dissipative $$2imes 2$$ block matrices. Positivity, 2021, 25, 447-467.	0.3	3
11	Norm and numerical radius inequalities for Hilbert space operators. Linear and Multilinear Algebra, 2021, 69, 934-945.	0.5	18
12	On the weighted geometric mean of accretive matrices. Annals of Functional Analysis, 2021, 12, 1.	0.3	6
13	Numerical radii of accretive matrices. Linear and Multilinear Algebra, 2021, 69, 957-970.	0.5	14
14	Norm inequalities for positive semi-definite matrices and a question of Bourin II. International Journal of Mathematics, 2021, 32, 2150043.	0.2	6
15	From positive to accretive matrices. Positivity, 2021, 25, 1601-1629.	0.3	14
16	New Norm Equalities and Inequalities for Hankel Operator Matrices. Complex Analysis and Operator Theory, 2021, 15, 1.	0.3	0
17	On $${mathbb {A}}$$-numerical radius equalities and inequalities for certain operator matrices. Annals of Functional Analysis, 2021, 12, 1.	0.3	8
18	Refined and generalized numerical radius inequalities for 2â€Ã—â€2 operator matrices. Linear Algebra and Its Applications, 2021, 624, 364-386.	0.4	16

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19	On the *p*-numerical radii of Hilbert space operators. Linear and Multilinear Algebra, 2021, 69, 2813-2829.	0.5	7
20	Singular value inequalities involving convex and concave functions of positive semidefinite matrices. Annals of Functional Analysis, 2020, 11, 1257-1273.	0.3	0
21	Rajendra Bhatia and his mathematical achievements. Advances in Operator Theory, 2020, 5, 850-863.	0.3	1
22	Bounds for the eigenvalues of monic matrix polynomials from numerical radius inequalities. Advances in Operator Theory, 2020, 5, 734-743.	0.3	4
23	Bounds for the zeros of polynomials from compression matrix inequalities. Filomat, 2020, 34, 1035-1051.	0.2	4
24	Norm inequalities involving convex and concave functions of operators. Linear and Multilinear Algebra, 2019, 67, 1757-1772.	0.5	1
25	Hilbert-Schmidt numerical radius inequalities for operator matrices. Linear Algebra and Its Applications, 2019, 581, 72-84.	0.4	13
26	A generalization of the numerical radius. Linear Algebra and Its Applications, 2019, 569, 323-334.	0.4	42
27	On Numerical Radius Inequalities for Operator Matrices. Numerical Functional Analysis and Optimization, 2019, 40, 1231-1241.	0.6	9
28	Numerical Radius Inequalities Involving Commutators of G_{1} G 1 Operators. Complex Analysis and Operator Theory, 2019, 13, 1557-1567.	0.3	2
29	Inequalities for accretive-dissipative matrices. Linear and Multilinear Algebra, 2019, 67, 1037-1042.	0.5	16
30	Norm inequalities related to the arithmetic–geometric mean inequalities for positive semidefinite matrices. Positivity, 2018, 22, 1311-1324.	0.3	6
31	Interpolating inequalities for functions of positive semidefinite matrices. Banach Journal of Mathematical Analysis, 2018, 12, 955-969.	0.4	5
32	Norm inequalities involving accretive-dissipative 2 × 2 block matrices. Linear Algebra and Its Applications, 2017, 528, 76-93.	0.4	19
33	Trace inequalities for positive semidefinite block matrices. Linear Algebra and Its Applications, 2017, 524, 153-158.	0.4	5
34	Norm inequalities for positive semidefinite matrices and a question of Bourin. International Journal of Mathematics, 2017, 28, 1750102.	0.2	7
35	Unitarily invariant norm inequalities for elementary operators involving G1 operators. Linear Algebra and Its Applications, 2017, 513, 84-95.	0.4	1
36	Interpolating inequalities related to a recent result of Audenaert. Linear and Multilinear Algebra, 2017, 65, 922-929.	0.5	9

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37	Further Generalizations, Refinements, and Reverses of the Young and Heinz Inequalities. Results in Mathematics, 2017, 71, 1063-1072.	0.4	6
38	The limit of the zero set of polynomials of the Fibonacci type. Journal of Number Theory, 2016, 163, 89-100.	0.2	4
39	Estimates for the real and imaginary parts of the eigenvalues of matrices and applications. Linear and Multilinear Algebra, 2016, 64, 2431-2445.	0.5	5
40	Bounds and Majorization Relations for the Zeros of a Class of Fibonacci-Type Polynomials. Numerical Functional Analysis and Optimization, 2016, 37, 225-237.	0.6	1
41	Norm Inequalities for Commutators of $$G_{1}$$ G 1 Operators. Complex Analysis and Operator Theory, 2016, 10, 109-114.	0.3	3
42	Upper and lower bounds for the numerical radius with an application to involution operators. Rocky Mountain Journal of Mathematics, 2015, 45, .	0.2	37
43	Cartesian decomposition and numerical radius inequalities. Linear Algebra and Its Applications, 2015, 471, 46-53.	0.4	48
44	A generalization of two refined Young inequalities. Positivity, 2015, 19, 757-768.	0.3	36
45	Generalized spectral radius and norm inequalities for Hilbert space operators. International Journal of Mathematics, 2015, 26, 1550097.	0.2	3
46	Numerical radius inequalities for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>n</mml:mi><mml:mo>Ã—</mml:mo><mml:mi>n</mml:mi></mml:math> operator matrices. Linear Algebra and Its Applications, 2015, 468, 18-26.	0.4	53
47	Notes on some spectral radius and numerical radius inequalities. Studia Mathematica, 2015, 227, 97-109.	0.4	25
48	Numerical radius inequalities for products of Hilbert space operators. Journal of Operator Theory, 2014, 72, 521-527.	0.2	4
49	Estimates for the numerical radius and the spectral radius of the Frobenius companion matrix and bounds for the zeros of polynomials. Annals of Functional Analysis, 2014, 5, 56-62.	0.3	25
50	Lieb-Thirring trace inequalities and a question of Bourin. Journal of Mathematical Physics, 2013, 54, 033504.	0.5	13
51	Refined Heinz operator inequalities. Linear and Multilinear Algebra, 2013, 61, 1148-1157.	0.5	15
52	TRACE INEQUALITIES AND A QUESTION OF BOURIN. Bulletin of the Australian Mathematical Society, 2013, 88, 384-389.	0.3	16
53	Refinements and reverses of means inequalities for Hilbert space operators. Banach Journal of Mathematical Analysis, 2013, 7, 15-29.	0.4	6
54	A numerical radius inequality involving the generalized Aluthge transform. Studia Mathematica, 2013, 216, 69-75.	0.4	24

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55	Singular value inequalities for compact operators. Linear Algebra and Its Applications, 2012, 437, 2516-2522.	0.4	26
56	Eigenvalue inequalities for differences of means of Hilbert space operators. Linear Algebra and Its Applications, 2012, 436, 1516-1527.	0.4	8
57	Bounds and majorization relations for the critical points of polynomials. Linear Algebra and Its Applications, 2012, 436, 2494-2503.	0.4	2
58	Numerical radius inequalities for 2Ã—2 operator matrices. Studia Mathematica, 2012, 210, 99-115.	0.4	15
59	Improved arithmetic-geometric and Heinz means inequalities for Hilbert space operators. Publicationes Mathematicae, 2012, 80, 465-478.	0.1	27
60	Numerical Radius Inequalities for Commutators of Hilbert Space Operators. Numerical Functional Analysis and Optimization, 2011, 32, 739-749.	0.6	22
61	Numerical Radius Inequalities for Certain 2 Ã—Â2 Operator Matrices. Integral Equations and Operator Theory, 2011, 71, 129-147.	0.4	61
62	Reverse Young and Heinz inequalities for matrices. Linear and Multilinear Algebra, 2011, 59, 1031-1037.	0.5	89
63	On the Convexity of the Heinz Means. Integral Equations and Operator Theory, 2010, 68, 519-527.	0.4	47
64	Improved Young and Heinz inequalities for matrices. Journal of Mathematical Analysis and Applications, 2010, 361, 262-269.	0.5	167
65	Singular values, norms, and commutators. Linear Algebra and Its Applications, 2010, 432, 1322-1336.	0.4	9
66	Jensen matrix inequalities and direct sums. Linear and Multilinear Algebra, 2010, 58, 645-652.	0.5	2
67	Numerical radius inequalities for operator matrices. Linear and Multilinear Algebra, 2009, 57, 421-427.	0.5	16
68	Singular value inequalities for commutators of Hilbert space operators. Linear Algebra and Its Applications, 2009, 430, 2362-2367.	0.4	7
69	The singular values of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:mi>A</mml:mi><mml:mo>+</mml:mo><mml:mi>B</mml:mi></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mrow><mml:mi>A</mml:mi><mml:mo>+</mml:mo><mml:mi mathvariant="italic">iB</mml:mi></mml:mrow></mml:math>. Linear Algebra and Its Applications, 2009, 431, 1502-1508.	0.4	15
70	Bounds and Majorization Relations for the Zeros of Polynomials. Numerical Functional Analysis and Optimization, 2009, 30, 98-110.	0.6	3
71	Non-commutative Clarkson Inequalities for n-Tuples of Operators. Integral Equations and Operator Theory, 2008, 60, 369-379.	0.4	23
72	Norm Inequalities for Commutators of Self-adjoint Operators. Integral Equations and Operator Theory, 2008, 62, 129-135.	0.4	11

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73	Norm inequalities for commutators of positive operators and applications. Mathematische Zeitschrift, 2008, 258, 845-849.	0.4	27
74	The matrix arithmetic–geometric mean inequality revisited. Linear Algebra and Its Applications, 2008, 428, 2177-2191.	0.4	54
75	Norm equalities and inequalities for operator matrices. Linear Algebra and Its Applications, 2008, 429, 57-67.	0.4	33
76	Norm Inequalities for Commutators of Normal Operators. International Series of Numerical Mathematics, 2008, , 147-154.	1.0	3
77	Commutators, pinchings, and spectral variation. Operators and Matrices, 2008, , 143-151.	0.1	14
78	Bounds for the zeros of polynomials from matrix inequalities – II. Linear and Multilinear Algebra, 2007, 55, 147-158.	0.5	4
79	Inequalities for sums and direct sums of Hilbert space operators. Linear Algebra and Its Applications, 2007, 424, 71-82.	0.4	19
80	Inequalities for commutators of positive operators. Journal of Functional Analysis, 2007, 250, 132-143.	0.7	40
81	Numerical radius inequalities for Hilbert space operators. II. Studia Mathematica, 2007, 182, 133-140.	0.4	75
82	Bounds and a majorization for the real parts of the zeros of polynomials. Proceedings of the American Mathematical Society, 2006, 135, 659-664.	0.4	8
83	Some decomposition results for companion matrices. Journal of Mathematical Analysis and Applications, 2006, 318, 626-633.	0.5	4
84	Norm Inequalities for Sums of Positive Operators. II. Positivity, 2006, 10, 251-260.	0.3	11
85	SOME INTERTWINING RELATIONS MODULO OPERATOR IDEALS. Glasgow Mathematical Journal, 2006, 48, 111.	0.2	0
86	Numerical radius inequalities for Hilbert space operators. Studia Mathematica, 2005, 168, 73-80.	0.4	163
87	Norm inequalities for sums and differences of positive operators. Linear Algebra and Its Applications, 2004, 383, 85-91.	0.4	27
88	CLARKSON INEQUALITIES WITH SEVERAL OPERATORS. Bulletin of the London Mathematical Society, 2004, 36, 820-832.	0.4	25
89	Bounds for the zeros of polynomials from matrix inequalities. Archiv Der Mathematik, 2003, 81, 601-608.	0.3	39
90	A numerical radius inequality and an estimate for the numerical radius of the Frobenius companion matrix. Studia Mathematica, 2003, 158, 11-17.	0.4	146

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91	On the Chordal Transform of Hilbert Space Operators. Glasgow Mathematical Journal, 2002, 44, .	0.2	1
92	Commutator Inequalities for the Hilbert–Schmidt Norm. Journal of Mathematical Analysis and Applications, 2002, 268, 67-73.	0.5	1
93	Norm inequalities for weighted power means of operators. Linear Algebra and Its Applications, 2002, 341, 181-193.	0.4	17
94	Non-commutative Clarkson inequalities for unitarily invariant norms. Pacific Journal of Mathematics, 2002, 202, 363-369.	0.2	20
95	Commutator inequalities associated with the polar decomposition. Proceedings of the American Mathematical Society, 2001, 130, 1279-1283.	0.4	14
96	Cartesian decompositions and Schatten norms. Linear Algebra and Its Applications, 2000, 318, 109-116.	0.4	25
97	Matrix Young inequalities for the Hilbert–Schmidt norm. Linear Algebra and Its Applications, 2000, 308, 77-84.	0.4	73
98	Notes on matrix arithmetic–geometric mean inequalities. Linear Algebra and Its Applications, 2000, 308, 203-211.	0.4	91
99	Some Norm Inequalities for Operators. Canadian Mathematical Bulletin, 1999, 42, 87-96.	0.3	17
100	Norm Inequalities for Positive Operators. Letters in Mathematical Physics, 1998, 43, 225-231.	0.5	36
101	Eigenvalues of symmetrizable matrices. BIT Numerical Mathematics, 1998, 38, 1-11.	1.0	3
102	Some inequalities for commutators and an application to spectral variation. II. Linear and Multilinear Algebra, 1997, 43, 207-219.	0.5	8
103	Some Inequalities for Norms of Commutators. SIAM Journal on Matrix Analysis and Applications, 1997, 18, 258-263.	0.7	12
104	Norm Inequalities for Certain Operator Sums. Journal of Functional Analysis, 1997, 143, 337-348.	0.7	58
105	Inequalities for Weighted Means and Applications to Positive Definite Matrices. Journal of Mathematical Analysis and Applications, 1997, 214, 307-313.	0.5	0
106	Operators That Are Orthogonal to the Range of a Derivation. Journal of Mathematical Analysis and Applications, 1996, 203, 868-873.	0.5	20
107	Singular Values of Companion Matrices and Bounds on Zeros of Polynomials. SIAM Journal on Matrix Analysis and Applications, 1995, 16, 333-340.	0.7	39
108	Normal derivations in norm ideals. Proceedings of the American Mathematical Society, 1995, 123, 1779-1785.	0.4	22

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109	On some operator inequalities. Linear Algebra and Its Applications, 1994, 208-209, 19-28.	0.4	22
110	Norm inequalities for fractional powers of positive operators. Letters in Mathematical Physics, 1993, 27, 279-285.	0.5	57
111	Approximation by positive operators. Linear Algebra and Its Applications, 1992, 161, 1-9.	0.4	8
112	A note on the arithmetic-geometric-mean inequality for matrices. Linear Algebra and Its Applications, 1992, 171, 1-8.	0.4	45
113	On the normality of operator products. Linear and Multilinear Algebra, 1991, 30, 1-4.	0.5	6
114	Normal approximants to binormal operators. Linear Algebra and Its Applications, 1991, 147, 169-179.	0.4	6
115	On zero-trace matrices. Linear Algebra and Its Applications, 1991, 151, 119-124.	0.4	6
116	Some inequalities for commutators and an application to spectral variation. Aequationes Mathematicae, 1991, 41, 70-78.	0.4	16
117	On the self-adjointness of certain compact operators. Linear and Multilinear Algebra, 1991, 28, 203-206.	0.5	0
118	Some trace class commutators of trace zero. Proceedings of the American Mathematical Society, 1991, 113, 655-655.	0.4	3
119	On some equivalent metrics for bounded operators on Hilbert space. Proceedings of the American Mathematical Society, 1990, 110, 789-789.	0.4	5
120	Norm inequalities for partitioned operators and an application. Mathematische Annalen, 1990, 287, 719-726.	0.7	71
121	Smooth points of certain operator spaces. Integral Equations and Operator Theory, 1990, 13, 849-855.	0.4	17
122	On the Singular Values of a Product of Operators. SIAM Journal on Matrix Analysis and Applications, 1990, 11, 272-277.	0.7	149
123	On the continuity of the absolute value map in the schatten classes. Linear Algebra and Its Applications, 1989, 118, 61-68.	0.4	13
124	On some perturbation inequalities for operators. Linear Algebra and Its Applications, 1988, 106, 271-279.	0.4	10
125	Notes on Some Inequalities for Hilbert Space Operators. Publications of the Research Institute for Mathematical Sciences, 1988, 24, 276-293.	0.4	125
126	On normal derivations of Hilbertâ€"Schmidt type. Glasgow Mathematical Journal, 1987, 29, 245-248.	0.2	14

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127	Inequalities for the Schatten p-norm II. Glasgow Mathematical Journal, 1987, 29, 99-104.	0.2	13
128	Inequalities for the Schatten p-norm V. Publications of the Research Institute for Mathematical Sciences, 1987, 23, 433-443.	0.4	31
129	On zero-trace commutators. Bulletin of the Australian Mathematical Society, 1986, 34, 119-126.	0.3	3
130	Inequalities for the Schattenp-norm. III. Communications in Mathematical Physics, 1986, 104, 307-310.	1.0	22
131	Inequalities for the Schattenp-norm. IV. Communications in Mathematical Physics, 1986, 106, 581-585.	1.0	27
132	On Lipschitz functions of normal operators. Proceedings of the American Mathematical Society, 1985, 94, 416-418.	0.4	27
133	Inequalities for the Schatten <i>P</i>-norm. Glasgow Mathematical Journal, 1985, 26, 141-143.	0.2	10
134	On the structure of polynomially normal operators. Bulletin of the Australian Mathematical Society, 1984, 30, 11-18.	0.3	8
135	On generalized Fuglede-Putnam theorems of Hilbert-Schmidt type. Proceedings of the American Mathematical Society, 1983, 88, 293-293.	0.4	11
136	Eigenvalue localization for complex matrices. Electronic Journal of Linear Algebra, 0, 27, .	0.6	4
137	Problems and conjectures in matrix and operator inequalities. Banach Center Publications, 0, 112, 15-31.	0.1	3
138	Further inequalities for certain powers of positive definite matrices. Linear and Multilinear Algebra, 0, , 1-14.	0.5	0
139	Spectral radius inequalities for operator matrices with commuting entries. Proceedings of the American Mathematical Society, 0, , .	0.4	0
140	Norm inequalities for positive definite matrices related to a question of Bourin. Linear and Multilinear Algebra, 0, , 1-15.	0.5	3