

Man-Duen Choi

List of Publications by Year in descending order

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29
papers

3,524
citations

471509

17
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

1599
citing authors

#	ARTICLE	IF	CITATIONS
1	Completely positive linear maps on complex matrices. <i>Linear Algebra and Its Applications</i> , 1975, 10, 285-290.	0.9	1,748
2	Injectivity and operator spaces. <i>Journal of Functional Analysis</i> , 1977, 24, 156-209.	1.4	373
3	A schwarz inequality for positive linear maps on C^* -algebras. <i>Illinois Journal of Mathematics</i> , 1974, 18, .	0.1	253
4	Positive semidefinite biquadratic forms. <i>Linear Algebra and Its Applications</i> , 1975, 12, 95-100.	0.9	203
5	Positive Linear Maps on C^* -Algebras. <i>Canadian Journal of Mathematics</i> , 1972, 24, 520-529.	0.6	186
6	Extremal positive semidefinite forms. <i>Mathematische Annalen</i> , 1977, 231, 1-18.	1.4	135
7	Nuclear C^* -Algebras and the Approximation Property. <i>American Journal of Mathematics</i> , 1978, 100, 61.	1.1	112
8	Tricks or Treats with the Hilbert Matrix. <i>American Mathematical Monthly</i> , 1983, 90, 301-312.	0.3	94
9	Higher-rank numerical ranges and compression problems. <i>Linear Algebra and Its Applications</i> , 2006, 418, 828-839.	0.9	62
10	Quantum error correcting codes from the compression formalism. <i>Reports on Mathematical Physics</i> , 2006, 58, 77-91.	0.8	58
11	A Simple C^* -Algebra Generated by Two Finite-Order Unitaries. <i>Canadian Journal of Mathematics</i> , 1979, 31, 867-880.	0.6	52
12	Real zeros of positive semidefinite forms. I. <i>Mathematische Zeitschrift</i> , 1980, 171, 1-26.	0.9	52
13	Method to Find Quantum Noiseless Subsystems. <i>Physical Review Letters</i> , 2006, 96, 050501.	7.8	38
14	Geometry of higher-rank numerical ranges. <i>Linear and Multilinear Algebra</i> , 2008, 56, 53-64.	1.0	29
15	Completely order Isomorphic and Close C^* -Algebras need not BE, $*$ -Isomorphic. <i>Bulletin of the London Mathematical Society</i> , 1983, 15, 604-610.	0.8	23
16	Numerical ranges and dilations. <i>Linear and Multilinear Algebra</i> , 2000, 47, 35-48.	1.0	19
17	Convex combinations of projections. <i>Linear Algebra and Its Applications</i> , 1990, 136, 25-42.	0.9	17
18	The multiplicative domain in quantum error correction. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2009, 42, 245303.	2.1	13

#	ARTICLE	IF	CITATIONS
19	The ultimate estimate of the upper norm bound for the summation of operators. <i>Journal of Functional Analysis</i> , 2006, 232, 455-476.	1.4	12
20	Numerical ranges of the powers of an operator. <i>Journal of Mathematical Analysis and Applications</i> , 2010, 365, 458-466.	1.0	9
21	Some Convexity Features Associated with Unitary Orbits. <i>Canadian Journal of Mathematics</i> , 2003, 55, 91-111.	0.6	8
22	Sums of orthogonal projections. <i>Journal of Functional Analysis</i> , 2014, 267, 384-404.	1.4	7
23	A $3\tilde{A}-3$ dilation counterexample. <i>Bulletin of the London Mathematical Society</i> , 2013, 45, 511-519.	0.8	6
24	Norm bounds for summation of two normal matrices. <i>Linear Algebra and Its Applications</i> , 2004, 379, 137-157.	0.9	4
25	Symmetry in the Cuntz algebra on two generators. <i>Journal of Mathematical Analysis and Applications</i> , 2012, 387, 1050-1060.	1.0	4
26	On complementary matrix algebras. <i>Integral Equations and Operator Theory</i> , 1990, 13, 165-174.	0.8	2
27	Chandler Davis as Mentor. <i>Mathematical Intelligencer</i> , 2014, 36, 20-21.	0.2	0
28	Products of two normal operators. <i>Advances in Operator Theory</i> , 2020, 5, 768-778.	0.6	0
29	C^* -Crossed-Products by an Order-Two Automorphism. <i>Canadian Mathematical Bulletin</i> , 2010, 53, 37-50.	0.5	0