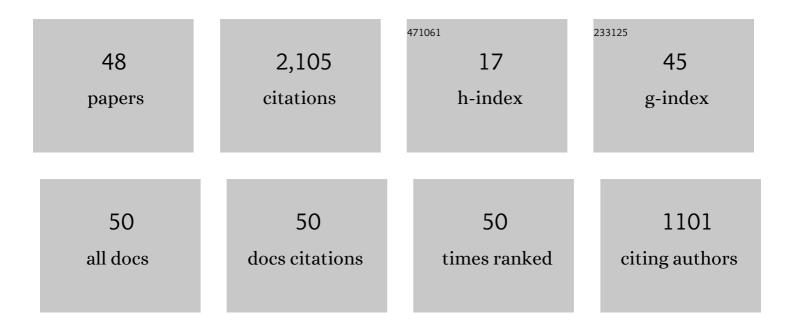
## **Fuzhen Zhang**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Quaternions and matrices of quaternions. Linear Algebra and Its Applications, 1997, 251, 21-57.	0.4	761
2	Matrix Theory. Universitext, 2011, , .	0.2	284
3	Matrix Theory. Universitext, 1999, , .	0.2	281
4	On the unitary diagonalisation of a special class of quaternion matrices. Applied Mathematics Letters, 2011, 24, 1806-1809.	1.5	71
5	A matrix decomposition and its applications. Linear and Multilinear Algebra, 2015, 63, 2033-2042.	0.5	67
6	GerÅjgorin type theorems for quaternionic matrices. Linear Algebra and Its Applications, 2007, 424, 139-153. Or the precise number of (0,1)-matrices in <mml:math <="" altimg="si1.gif" display="inline" td=""><td>0.4</td><td>57</td></mml:math>	0.4	57
7	overnow= scroif_xmins:xocs= http://www.eisevier.com/xmi/xocs/dtd xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML"	0.4	45
8	xminstb="http://www.elsevier.com/xmilcommon/table/dtd" Some inequalities for the eigenvalues of the product of positive semidefinite Hermitian matrices. Linear Algebra and Its Applications, 1992, 160, 113-118.	0.4	42
9	Disc Separation of the Schur Complement of Diagonally Dominant Matrices and Determinantal Bounds. SIAM Journal on Matrix Analysis and Applications, 2005, 27, 665-674.	0.7	39
10	The Schur complements of generalized doubly diagonally dominant matrices. Linear Algebra and Its Applications, 2004, 378, 231-244.	0.4	38
11	On the eigenvalues of quaternion matrices. Linear and Multilinear Algebra, 2011, 59, 451-473.	0.5	37
12	A generalization of the complex Autonne–Takagi factorization to quaternion matrices. Linear and Multilinear Algebra, 2012, 60, 1239-1244.	0.5	34
13	The numerical range of normal matrices with quaternion entries. Linear and Multilinear Algebra, 1994, 37, 175-195.	0.5	28
14	JORDAN CANONICAL FORM OF A PARTITIONED COMPLEX MATRIX AND ITS APPLICATION TO REAL QUATERNION MATRICES. Communications in Algebra, 2001, 29, 2363-2375.	0.3	26
15	Schur complements and matrix inequalities of hadamard products <sup>â^—</sup> . Linear and Multilinear Algebra, 1997, 43, 315-326.	0.5	24
16	On the Hadamard product of inverse M-matrices. Linear Algebra and Its Applications, 2000, 305, 23-31.	0.4	24
17	Trace and Eigenvalue Inequalities for Ordinary and Hadamard Products of Positive Semidefinite Hermitian Matrices. SIAM Journal on Matrix Analysis and Applications, 1995, 16, 1173-1183.	0.7	20
18	On the Bohr inequality of operators. Journal of Mathematical Analysis and Applications, 2007, 333, 1264-1271.	0.5	19

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#	Article	IF	CITATIONS
19	Schur complements and matrix inequalities in the Löwner ordering. Linear Algebra and Its Applications, 2000, 321, 399-410.	0.4	17
20	Some inequalities on generalized Schur complements. Linear Algebra and Its Applications, 1999, 302-303, 163-172.	0.4	15
21	Sign patterns of nonnegative normal matrices. Linear Algebra and Its Applications, 1997, 254, 335-354.	0.4	14
22	Equivalence of the wielandt inequality and the kantorovich inequality. Linear and Multilinear Algebra, 2001, 48, 275-279.	0.5	12
23	Positivity of matrices with generalized matrix functions. Acta Mathematica Sinica, English Series, 2012, 28, 1779-1786.	0.2	11
24	A Trace Inequality for Unitary Matrices. American Mathematical Monthly, 1994, 101, 453-455.	0.2	10
25	Contractive matrices of Hua type. Linear and Multilinear Algebra, 2011, 59, 159-172.	0.5	10
26	Polytopes of stochastic tensors. Annals of Functional Analysis, 2016, 7, 386-393.	0.3	10
27	On the number of vertices of the stochastic tensor polytope. Linear and Multilinear Algebra, 2017, 65, 2064-2075.	0.5	10
28	Notes on hadamard products of matrices. Linear and Multilinear Algebra, 1989, 25, 237-242.	0.5	9
29	Words and normality of matrices. Linear and Multilinear Algebra, 1995, 40, 111-118.	0.5	9
30	An operator inequality and matrix normality. Linear Algebra and Its Applications, 1996, 240, 105-110.	0.4	9
31	Some inequalities of majorization type. Linear Algebra and Its Applications, 2012, 437, 1305-1316.	0.4	9
32	Revisiting hua-marcus-bellman-ando inequalities on contractive matrices. Linear Algebra and Its Applications, 2009, 430, 1499-1508.	0.4	8
33	Inequalities of generalized matrix functions via tensor products. Electronic Journal of Linear Algebra, 0, 27, .	0.6	8
34	An analytic approach to a permanent conjecture. Linear Algebra and Its Applications, 2013, 438, 1570-1579.	0.4	6
35	An update on a few permanent conjectures. Special Matrices, 2016, 4, .	0.2	6
36	The Permanent Functions of Tensors. Acta Mathematica Vietnamica, 2018, 43, 701-713.	0.2	5

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37	Angles, triangle inequalities, correlation matrices and metric-preserving and subadditive functions. Linear Algebra and Its Applications, 2016, 491, 15-29.	0.4	4
38	Inequalities for selected eigenvalues of the product of matrices. Proceedings of the American Mathematical Society, 2019, 147, 3705-3713.	0.4	4
39	On normal matrices of zeros and ones with fixed row sum. Linear Algebra and Its Applications, 1998, 275-276, 617-626.	0.4	3
40	A Matrix Identity on the Schur Complement. Linear and Multilinear Algebra, 2004, 52, 367-373.	0.5	3
41	An inequality for tensor product of positive operators and its applications. Linear Algebra and Its Applications, 2016, 498, 99-105.	0.4	3
42	An operator equality involving a continuous field of operators and its norm inequalities. Linear Algebra and Its Applications, 2008, 429, 2159-2167.	0.4	2
43	Criteria and Schur complements of H-matrices. Journal of Applied Mathematics and Computing, 2010, 32, 119-133.	1.2	2
44	Positivity of partitioned Hermitian matrices with unitarily invariant norms. Positivity, 2015, 19, 439-444.	0.3	2
45	An extension of Harnack type determinantal inequality. Linear and Multilinear Algebra, 2017, 65, 2024-2030.	0.5	2
46	Harnack type inequalities for matrices in majorization. Linear Algebra and Its Applications, 2020, 588, 196-209.	0.4	1
47	Some matrix inequalities of log-majorization type. Canadian Mathematical Bulletin, 0, , 1-11.	0.3	1
48	Enumerating extreme points of the polytopes of stochastic tensors: an optimization approach. Optimization, 2020, 69, 729-741.	1.0	0