

# Sen Zhu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2360001/publications.pdf>

Version: 2024-02-01

38  
papers

286  
citations

933447

10  
h-index

940533

16  
g-index

38  
all docs

38  
docs citations

38  
times ranked

61  
citing authors

#	ARTICLE	IF	CITATIONS
1	Skew symmetric normal operators. Proceedings of the American Mathematical Society, 2013, 141, 2755-2762.	0.8	29
2	Complex symmetric weighted shifts. Transactions of the American Mathematical Society, 2013, 365, 511-530.	0.9	27
3	A $\mathbb{C}^*$ -algebra approach to complex symmetric operators. Transactions of the American Mathematical Society, 2015, 367, 6903-6942.	0.9	24
4	A canonical decomposition of complex symmetric operators. Journal of Operator Theory, 2014, 72, 529-547.	0.4	20
5	Weyl's Theorem for Functions of Operators and Approximation. Integral Equations and Operator Theory, 2010, 67, 481-497.	0.8	19
6	The class of complex symmetric operators is not norm closed. Proceedings of the American Mathematical Society, 2012, 140, 1705-1708.	0.8	18
7	Remarks on the structure of $C$ -normal operators. Linear and Multilinear Algebra, 2022, 70, 1682-1696.	1.0	16
8	Approximation of complex symmetric operators. Mathematische Annalen, 2016, 364, 373-399.	1.4	14
9	Complex Symmetry of a Dense Class of Operators. Integral Equations and Operator Theory, 2012, 73, 255-272.	0.8	12
10	WEYL TYPE THEOREMS FOR FUNCTIONS OF OPERATORS. Glasgow Mathematical Journal, 2012, 54, 493-505.	0.3	10
11	Approximate Unitary Equivalence to Skew Symmetric Operators. Complex Analysis and Operator Theory, 2014, 8, 1565-1580.	0.6	10
12	THE RIESZ DECOMPOSITION THEOREM FOR SKEW SYMMETRIC OPERATORS. Journal of the Korean Mathematical Society, 2015, 52, 403-416.	0.4	10
13	Topologies on quantum states. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 1336-1341.	2.1	8
14	Skew symmetric weighted shifts. Banach Journal of Mathematical Analysis, 2015, 9, 253-272.	0.8	7
15	On the structure of skew symmetric operators. Operators and Matrices, 2016, , 631-641.	0.3	7
16	Complex symmetric generators for operator algebras. Journal of Operator Theory, 2017, 77, 421-454.	0.4	7
17	Reducible and irreducible approximation of complex symmetric operators. Journal of the London Mathematical Society, 2019, 100, 341-360.	1.0	6
18	Complex symmetric operators, skew symmetric operators and reflexivity. Operators and Matrices, 2017, , 941-951.	0.3	6

#	ARTICLE	IF	CITATIONS
19	Topologies on quantum effects. Reports on Mathematical Physics, 2009, 64, 429-439.	0.8	5
20	Complex Symmetric Toeplitz Operators. Integral Equations and Operator Theory, 2021, 93, 1.	0.8	4
21	Similarity orbits of complex symmetric operators. Annals of Functional Analysis, 2017, 8, 63-74.	0.8	3
22	Complex symmetric generators of $C\tilde{a}\tilde{Z}$ -algebras. Journal of Mathematical Analysis and Applications, 2017, 456, 796-822.	1.0	3
23	The orthogonal Lie algebra of operators: Ideals and derivations. Journal of Mathematical Analysis and Applications, 2020, 489, 124134.	1.0	3
24	An interpolation problem for conjugations. Journal of Mathematical Analysis and Applications, 2021, 500, 125118.	1.0	3
25	Complex symmetric triangular operators. Operators and Matrices, 2015, , 365-381.	0.3	3
26	Interval topology on effect algebras. Applied Mathematics Letters, 2012, 25, 631-635.	2.7	2
27	On linear maps preserving complex symmetry. Journal of Mathematical Analysis and Applications, 2018, 468, 1144-1163.	1.0	2
28	Random weighted shifts. Journal of Functional Analysis, 2019, 277, 452-521.	1.4	2
29	Strongly approximative similarity of operators. Acta Mathematica Sinica, English Series, 2009, 25, 923-930.	0.6	1
30	Intrinsic structure of state space of a quantum system. Journal of Mathematical Physics, 2011, 52, 032101.	1.1	1
31	Amenability, Similarity and Approximation. Integral Equations and Operator Theory, 2017, 89, 289-300.	0.8	1
32	ON SKEW SYMMETRIC OPERATORS WITH EIGENVALUES. Journal of the Korean Mathematical Society, 2015, 52, 1271-1286.	0.4	1
33	Reducing Subspaces of Complex Symmetric Operators. Complex Analysis and Operator Theory, 2020, 14, 1.	0.6	1
34	An Interpolation Problem for Conjugations II. Mediterranean Journal of Mathematics, 2022, 19, .	0.8	1
35	Similarity orbits in the Calkin algebra. Science China Mathematics, 2011, 54, 1225-1232.	1.7	0
36	On Algebras Generated by a Partial Isometry. Complex Analysis and Operator Theory, 2019, 13, 3825-3835.	0.6	0

#	ARTICLE	IF	CITATIONS
37	Weyl's theorem for complex symmetric operators. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 474, 1470-1480.	1.0	0
38	Random Weighted Shifts on Hilbert Spaces of Analytic Functions. <i>Integral Equations and Operator Theory</i> , 2022, 94, 1.	0.8	0