Jasang Yoon

List of Publications by Year
in descending order

40	390	759233	839539
papers	citations	12	18
		h-index	g-index

40	40	40	34
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spectra of the spherical Aluthge transform, the linear pencil, and a commuting pair of operators. Linear and Multilinear Algebra, 2022, 70, 2533-2550.	1.0	2
2	Spherical Aluthge transform, spherical *p* and *log*-hyponormality of commuting pairs of operators. Linear and Multilinear Algebra, 2022, 70, 2047-2064.	1.0	3
3	Polynomial Embeddings of Unilateral Weighted shifts in 2â€"Variable Weighted Shifts. Integral Equations and Operator Theory, 2021, 93, 1.	0.8	3
4	Quasinormality of powers of commuting pairs of bounded operators. Journal of Functional Analysis, 2020, 278, 108342.	1.4	14
5	Subnormality of Powers of Multivariable Weighted Shifts. Journal of Function Spaces, 2020, 2020, 1-11.	0.9	0
6	Joint spectra of spherical Aluthge transforms of commuting n-tuples of Hilbert space operators. Comptes Rendus Mathematique, 2019, 357, 799-802.	0.3	10
7	The Aluthge transform of unilateral weighted shifts and the Square Root Problem for finitely atomic measures. Mathematische Nachrichten, 2019, 292, 2352-2368.	0.8	7
8	Spherically Quasinormal Pairs of Commuting Operators. Trends in Mathematics, 2019, , 213-237.	0.1	10
9	A new characterization of subnormality for a class of 2-variable weighted shifts with 1-atomic core. Linear Algebra and Its Applications, 2018, 538, 22-42.	0.9	0
10	Aluthge Transforms of 2-Variable Weighted Shifts. Integral Equations and Operator Theory, 2018, 90, 1.	0.8	14
11	Aluthge Transforms and Common Invariant Subspaces for a Commuting $$\varvec{n}$$ n -Tuple of Operators. Integral Equations and Operator Theory, 2017, 87, 245-262.	0.8	15
12	The Square Root Problem and Aluthge transforms of weighted shifts. Mathematische Nachrichten, 2017, 290, 2925-2933.	0.8	4
13	Properties of mono-weakly hyponormal 2-variable weighted shifts. Linear and Multilinear Algebra, 2017, 65, 1260-1275.	1.0	0
14	Generalized Cauchy-Hankel matrices and their applications to subnormal operators. Mathematische Nachrichten, 2017, 290, 840-851.	0.8	1
15	An answer to a question of A. Lubin: The lifting problem for commuting subnormals. Israel Journal of Mathematics, 2017, 222, 201-222.	0.8	3
16	Recursiveness and propagation for 2-variable weighted shifts. Linear Algebra and Its Applications, 2016, 504, 228-247.	0.9	1
17	Toral and spherical Aluthge transforms of 2-variable weighted shifts. Comptes Rendus Mathematique, 2016, 354, 1200-1204.	0.3	19
18	Hyponormality for commuting pairs of operators. Journal of Mathematical Analysis and Applications, 2016, 434, 1077-1090.	1.0	1

#	ARTICLE	IF	CITATIONS
19	Flat phenomena of 2-variable weighted shifts. Linear Algebra and Its Applications, 2015, 486, 234-254.	0.9	2
20	The mean transform of bounded linear operators. Journal of Mathematical Analysis and Applications, 2014, 410, 70-81.	1.0	16
21	One-Step Extensions of Subnormal 2-Variable Weighted Shifts. Integral Equations and Operator Theory, 2014, 78, 415-426.	0.8	2
22	Schur product techniques for the subnormality of commuting 2-variable weighted shifts. Linear Algebra and Its Applications, 2014, 453, 174-191.	0.9	5
23	Subnormality of 2-variable weighted shifts with diagonal core. Comptes Rendus Mathematique, 2013, 351, 203-207.	0.3	6
24	Completion of Hankel partial contractions of extremal type. Journal of Mathematical Physics, 2012, 53, .	1.1	5
25	Subnormality for arbitrary powers of 2-variable weighted shifts whose restrictions to a large invariant subspace are tensor products. Journal of Functional Analysis, 2012, 262, 569-583.	1.4	7
26	Subnormality of Aluthge Transforms of Weighted Shifts. Integral Equations and Operator Theory, 2012, 72, 241-251.	0.8	19
27	When is hyponormality for 2-variable weighted shifts invariant under powers?. Indiana University Mathematics Journal, 2011, 60, 997-1032.	0.9	13
28	When does the k-hyponormality of a 2-variable weighted shift become subnormality?. Journal of Mathematical Analysis and Applications, 2011, 379, 487-498.	1.0	2
29	A new approach to the 2-variable Subnormal Completion Problem. Journal of Mathematical Analysis and Applications, 2010, 370, 270-283.	1.0	13
30	Which 2-hyponormal 2-variable weighted shifts are subnormal?. Linear Algebra and Its Applications, 2008, 429, 2227-2238.	0.9	8
31	Hyponormality and subnormality for powers of commuting pairs of subnormal operators. Journal of Functional Analysis, 2007, 245, 390-412.	1.4	26
32	Schur product techniques for commuting multivariable weighted shifts. Journal of Mathematical Analysis and Applications, 2007, 333, 626-641.	1.0	8
33	Quadratically Hyponormal Recursively Generated Weighted Shifts Need Not Be Positively Quadratically Hyponormal. Integral Equations and Operator Theory, 2007, 58, 551-562.	0.8	5
34	Disintegration of Measures and Contractive 2-Variable Weighted Shifts. Integral Equations and Operator Theory, 2007, 59, 281-298.	0.8	13
35	Jointly hyponormal pairs of commuting subnormal operators need not be jointly subnormal. Transactions of the American Mathematical Society, 2006, 358, 5139-5159.	0.9	37
36	Spectral pictures of 2-variable weighted shifts. Comptes Rendus Mathematique, 2006, 343, 579-584.	0.3	8

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37	DISINTEGRATION-OF-MEASURE TECHNIQUES FOR COMMUTING MULTIVARIABLE WEIGHTED SHIFTS. Proceedings of the London Mathematical Society, 2006, 92, 381-402.	1.3	27
38	k-Hyponormality of multivariable weighted shifts. Journal of Functional Analysis, 2005, 229, 462-480.	1.4	42
39	Subnormality of Bergman-like weighted shifts. Journal of Mathematical Analysis and Applications, 2005, 308, 334-342.	1.0	19
40	Solution of the reconstruction-of-the-measure problem for canonical invariant subspaces. Annali Di Matematica Pura Ed Applicata, 0, , 1.	1.0	0