Jasang Yoon

List of Publications by Year
in descending order

40 papers	**390** citations	759233 **12** h-index	839539 **18** g-index
40 all docs	**40** docs citations	**40** times ranked	**34** citing authors

#	Article	IF	Citations
1	k-Hyponormality of multivariable weighted shifts. Journal of Functional Analysis, 2005, 229, 462-480.	1.4	42
2	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
3	DISINTEGRATION-OF-MEASURE TECHNIQUES FOR COMMUTING MULTIVARIABLE WEIGHTED SHIFTS. Proceedings of the London Mathematical Society, 2006, 92, 381-402.	1.3	27
4	Hyponormality and subnormality for powers of commuting pairs of subnormal operators. Journal of Functional Analysis, 2007, 245, 390-412.	1.4	26
5	Subnormality of Bergman-like weighted shifts. Journal of Mathematical Analysis and Applications, 2005, 308, 334-342.	1.0	19
6	Subnormality of Aluthge Transforms of Weighted Shifts. Integral Equations and Operator Theory, 2012, 72, 241-251.	0.8	19
7	Toral and spherical Aluthge transforms of 2-variable weighted shifts. Comptes Rendus Mathematique, 2016, 354, 1200-1204.	0.3	19
8	The mean transform of bounded linear operators. Journal of Mathematical Analysis and Applications, 2014, 410, 70-81.	1.0	16
9	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
10	Aluthge Transforms of 2-Variable Weighted Shifts. Integral Equations and Operator Theory, 2018, 90, 1.	0.8	14
11	Quasinormality of powers of commuting pairs of bounded operators. Journal of Functional Analysis, 2020, 278, 108342.	1.4	14
12	Disintegration of Measures and Contractive 2-Variable Weighted Shifts. Integral Equations and Operator Theory, 2007, 59, 281-298.	0.8	13
13	A new approach to the 2-variable Subnormal Completion Problem. Journal of Mathematical Analysis and Applications, 2010, 370, 270-283.	1.0	13
14	When is hyponormality for 2-variable weighted shifts invariant under powers?. Indiana University Mathematics Journal, 2011, 60, 997-1032.	0.9	13
15	Joint spectra of spherical Aluthge transforms of commuting n-tuples of Hilbert space operators. Comptes Rendus Mathematique, 2019, 357, 799-802.	0.3	10
16	Spherically Quasinormal Pairs of Commuting Operators. Trends in Mathematics, 2019, , 213-237.	0.1	10
17	Spectral pictures of 2-variable weighted shifts. Comptes Rendus Mathematique, 2006, 343, 579-584.	0.3	8
18	Schur product techniques for commuting multivariable weighted shifts. Journal of Mathematical Analysis and Applications, 2007, 333, 626-641.	1.0	8

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19	Which 2-hyponormal 2-variable weighted shifts are subnormal?. Linear Algebra and Its Applications, 2008, 429, 2227-2238.	0.9	8
20	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
21	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
22	Subnormality of 2-variable weighted shifts with diagonal core. Comptes Rendus Mathematique, 2013, 351, 203-207.	0.3	6
23	Quadratically Hyponormal Recursively Generated Weighted Shifts Need Not Be Positively Quadratically Hyponormal. Integral Equations and Operator Theory, 2007, 58, 551-562.	0.8	5
24	Completion of Hankel partial contractions of extremal type. Journal of Mathematical Physics, 2012, 53, .	1.1	5
25	Schur product techniques for the subnormality of commuting 2-variable weighted shifts. Linear Algebra and Its Applications, 2014, 453, 174-191.	0.9	5
26	The Square Root Problem and Aluthge transforms of weighted shifts. Mathematische Nachrichten, 2017, 290, 2925-2933.	0.8	4
27	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
28	Spherical Aluthge transform, spherical p and $\log$-hyponormality of commuting pairs of operators. Linear and Multilinear Algebra, 2022, 70, 2047-2064.	1.0	3
29	Polynomial Embeddings of Unilateral Weighted shifts in 2–Variable Weighted Shifts. Integral Equations and Operator Theory, 2021, 93, 1.	0.8	3
30	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
31	One-Step Extensions of Subnormal 2-Variable Weighted Shifts. Integral Equations and Operator Theory, 2014, 78, 415-426.	0.8	2
32	Flat phenomena of 2-variable weighted shifts. Linear Algebra and Its Applications, 2015, 486, 234-254.	0.9	2
33	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
34	Recursiveness and propagation for 2-variable weighted shifts. Linear Algebra and Its Applications, 2016, 504, 228-247.	0.9	1
35	Hyponormality for commuting pairs of operators. Journal of Mathematical Analysis and Applications, 2016, 434, 1077-1090.	1.0	1
36	Generalized Cauchy-Hankel matrices and their applications to subnormal operators. Mathematische Nachrichten, 2017, 290, 840-851.	0.8	1

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37	Properties of mono-weakly hyponormal 2-variable weighted shifts. Linear and Multilinear Algebra, 2017, 65, 1260-1275.	1.0	0
38	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
39	Subnormality of Powers of Multivariable Weighted Shifts. Journal of Function Spaces, 2020, 2020, 1-11.	0.9	0
40	Solution of the reconstruction-of-the-measure problem for canonical invariant subspaces. Annali Di Matematica Pura Ed Applicata, 0, , 1.	1.0	0