

Jaydeb Sarkar

List of Publications by Year in descending order

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papers

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840776

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristic Function of a Pure Commuting Contractive Tuple. <i>Integral Equations and Operator Theory</i> , 2005, 53, 23-32.	0.8	44
2	Operator Theory on Symmetrized Bidisc. <i>Indiana University Mathematics Journal</i> , 2015, 64, 847-873.	0.9	39
3	Wold decomposition for doubly commuting isometries. <i>Linear Algebra and Its Applications</i> , 2014, 445, 289-301.	0.9	33
4	Doubly commuting submodules of the Hardy module over polydiscs. <i>Studia Mathematica</i> , 2013, 217, 179-192.	0.7	26
5	Contractive Hilbert modules and their dilations. <i>Israel Journal of Mathematics</i> , 2012, 187, 141-165.	0.8	20
6	An Invariant Subspace Theorem and Invariant Subspaces of Analytic Reproducing Kernel Hilbert Spaces - II. <i>Complex Analysis and Operator Theory</i> , 2016, 10, 769-782.	0.6	18
7	Dilations, wandering subspaces, and inner functions. <i>Linear Algebra and Its Applications</i> , 2017, 523, 263-280.	0.9	17
8	Ando dilations, von Neumann inequality, and distinguished varieties. <i>Journal of Functional Analysis</i> , 2017, 272, 2114-2131.	1.4	15
9	Characteristic function for polynomially contractive commuting tuples. <i>Journal of Mathematical Analysis and Applications</i> , 2006, 321, 242-259.	1.0	14
10	An invariant subspace theorem and invariant subspaces of analytic reproducing kernel Hilbert spaces. I. <i>Journal of Operator Theory</i> , 2015, 73, 433-441.	0.4	14
11	On unitarily equivalent submodules. <i>Indiana University Mathematics Journal</i> , 2008, 57, 2729-2744.	0.9	12
12	Factorizations of contractions. <i>Advances in Mathematics</i> , 2017, 322, 186-200.	1.1	11
13	Toeplitz and asymptotic Toeplitz operators on $H^2(D_n)$. <i>Bulletin Des Sciences Mathematiques</i> , 2018, 146, 33-49.	1.0	11
14	Jordan blocks of $H^2(\mathbb{D}^n)$. <i>Journal of Operator Theory</i> , 2014, 72, 371-385.	0.4	11
15	Wandering Subspaces of the Bergman Space and the Dirichlet Space Over \mathbb{D}^n . <i>Integral Equations and Operator Theory</i> , 2014, 79, 567-577.	0.8	9
16	Pairs of commuting isometries, I. <i>Studia Mathematica</i> , 2019, 248, 171-189.	0.7	9
17	Curvature invariant and generalized canonical operator models â€“ II. <i>Journal of Functional Analysis</i> , 2014, 266, 2486-2502.	1.4	8
18	Submodules of the Hardy module over the polydisc. <i>Israel Journal of Mathematics</i> , 2015, 205, 317-336.	0.8	8

#	ARTICLE	IF	CITATIONS
19	Factorizations of Kernels and Reproducing Kernel Hilbert Spaces. Integral Equations and Operator Theory, 2017, 87, 225-244.	0.8	8
20	Isometric dilations and von Neumann inequality for a class of tuples in the polydisc. Transactions of the American Mathematical Society, 2019, 372, 1429-1450.	0.9	8
21	Resolutions of Hilbert Modules and Similarity. Journal of Geometric Analysis, 2012, 22, 471-490.	1.0	7
22	Star-generating vectors of Rudin's quotient modules. Journal of Functional Analysis, 2014, 267, 4341-4360.	1.4	6
23	Tensor product of quotient Hilbert modules. Journal of Mathematical Analysis and Applications, 2015, 424, 727-747.	1.0	6
24	Submodules in Polydomains and Noncommutative Varieties. Integral Equations and Operator Theory, 2021, 93, 1.	0.8	6
25	Analytic model of doubly commuting contractions. Operators and Matrices, 2017, , 101-113.	0.3	6
26	Contractions with polynomial characteristic functions I. Geometric approach. Transactions of the American Mathematical Society, 2012, 364, 4127-4153.	0.9	5
27	Some remarks on the Toeplitz corona problem. CRM Proceedings & Lecture Notes, 2010, , 81-89.	0.1	5
28	Beurling quotient modules on the polydisc. Journal of Functional Analysis, 2022, 282, 109258.	1.4	5
29	Rudin's submodules of H^2 on the polydisc. Journal of Functional Analysis, 2022, 282, 109258.	1.4	5
30	On quotient modules of $H^2(\mathbb{D}^n)$: essential normality and boundary representations. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 1339-1359.	1.2	4
31	Similarity of quotient Hilbert modules in the Cowen-Douglas class. European Journal of Mathematics, 2019, 5, 1331-1351.	0.5	3
32	An Introduction to Hilbert Module Approach to Multivariable Operator Theory. , 2015, , 969-1033.		3
33	Orthogonal decompositions and twisted isometries. International Journal of Mathematics, 2022, 33, .	0.5	3
34	Applications of Hilbert Module Approach to Multivariable Operator Theory. , 2014, , 1-52.		2
35	Characterizations of symmetrized polydisc. Indian Journal of Pure and Applied Mathematics, 2016, 47, 391-397.	0.5	2
36	Isometric dilations and von Neumann inequality for finite rank commuting contractions. Bulletin Des Sciences Mathematiques, 2020, 165, 102915.	1.0	2

#	ARTICLE	IF	CITATIONS
37	Commutant Lifting and Nevanlinna-Pick Interpolation in Several Variables. Integral Equations and Operator Theory, 2020, 92, 1.	0.8	2
38	Idempotent, model, and Toeplitz operators attaining their norms. Linear Algebra and Its Applications, 2021, 622, 150-165.	0.9	2
39	Applications of Hilbert Module Approach to Multivariable Operator Theory. , 2015, , 1035-1091.		2
40	Factorizations of characteristic functions. Journal of Operator Theory, 2017, 77, 377-390.	0.4	2
41	Rank of a co-doubly commuting submodule is $2\mathbb{Z}$. Proceedings of the American Mathematical Society, 2017, 146, 1181-1187.	0.8	1
42	Linear dynamics in reproducing kernel Hilbert spaces. Bulletin Des Sciences Mathematiques, 2020, 159, 102826.	1.0	1
43	Curvature Invariant and Generalized Canonical Operator Models $\hat{=}$ I. , 2012, , 293-304.		1
44	Inner multipliers and Rudin type invariant subspaces. Acta Scientiarum Mathematicarum, 2016, 82, 519-528.	0.4	1
45	MODEL SPACES INVARIANT UNDER COMPOSITION OPERATORS. Canadian Mathematical Bulletin, 0, , 1-14.	0.5	1
46	Partially isometric Toeplitz operators on the polydisc. Bulletin of the London Mathematical Society, 2022, 54, 1350-1362.	0.8	1
47	An Introduction to Hilbert Module Approach to Multivariable Operator Theory. , 2014, , 1-58.		0
48	Maximal Contractive Tuples. Complex Analysis and Operator Theory, 2014, 8, 1325-1339.	0.6	0
49	Factorizations of Schur functions. Complex Analysis and Operator Theory, 2021, 15, 1.	0.6	0
50	Multiplicities, invariant subspaces and an additive formula. Proceedings of the Edinburgh Mathematical Society, 2021, 64, 279-297.	0.3	0
51	Commuting row contractions with polynomial characteristic functions. Acta Scientiarum Mathematicarum, 2021, 87, 429-461.	0.4	0
52	Operator positivity and analytic models of commuting tuples of operators. Studia Mathematica, 0, , 1-17.	0.7	0
53	On Certain Commuting Isometries, Joint Invariant Subspaces and C^* -Algebras. Operator Theory: Advances and Applications, 2020, , 147-170.	0.2	0
54	Schur Functions and Inner Functions on the Bidisc. Computational Methods and Function Theory, 0, , .	1.5	0