

Jaydeb Sarkar

List of Publications by Year in descending order

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54
papers

419
citations

840776

11
h-index

839539

18
g-index

55
all docs

55
docs citations

55
times ranked

77
citing authors

#	ARTICLE	IF	CITATIONS
1	Beurling quotient modules on the polydisc. <i>Journal of Functional Analysis</i> , 2022, 282, 109258.	1.4	5
2	Partially isometric Toeplitz operators on the polydisc. <i>Bulletin of the London Mathematical Society</i> , 2022, 54, 1350-1362.	0.8	1
3	Orthogonal decompositions and twisted isometries. <i>International Journal of Mathematics</i> , 2022, 33, .	0.5	3
4	Factorizations of Schur functions. <i>Complex Analysis and Operator Theory</i> , 2021, 15, 1.	0.6	0
5	Multiplicities, invariant subspaces and an additive formula. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2021, 64, 279-297.	0.3	0
6	Submodules in Polydomains and Noncommutative Varieties. <i>Integral Equations and Operator Theory</i> , 2021, 93, 1.	0.8	6
7	Idempotent, model, and Toeplitz operators attaining their norms. <i>Linear Algebra and Its Applications</i> , 2021, 622, 150-165.	0.9	2
8	Commuting row contractions with polynomial characteristic functions. <i>Acta Scientiarum Mathematicarum</i> , 2021, 87, 429-461.	0.4	0
9	On quotient modules of $H^2(\mathbb{D}^n)$: essential normality and boundary representations. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2020, 150, 1339-1359.	1.2	4
10	Linear dynamics in reproducing kernel Hilbert spaces. <i>Bulletin Des Sciences Mathematiques</i> , 2020, 159, 102826.	1.0	1
11	Isometric dilations and von Neumann inequality for finite rank commuting contractions. <i>Bulletin Des Sciences Mathematiques</i> , 2020, 165, 102915.	1.0	2
12	Commutant Lifting and Nevanlinna-Pick Interpolation in Several Variables. <i>Integral Equations and Operator Theory</i> , 2020, 92, 1.	0.8	2
13	On Certain Commuting Isometries, Joint Invariant Subspaces and C^* -Algebras. <i>Operator Theory: Advances and Applications</i> , 2020, , 147-170.	0.2	0
14	Isometric dilations and von Neumann inequality for a class of tuples in the polydisc. <i>Transactions of the American Mathematical Society</i> , 2019, 372, 1429-1450.	0.9	8
15	Similarity of quotient Hilbert modules in the Cowen-Douglas class. <i>European Journal of Mathematics</i> , 2019, 5, 1331-1351.	0.5	3
16	Pairs of commuting isometries, I. <i>Studia Mathematica</i> , 2019, 248, 171-189.	0.7	9
17	Toeplitz and asymptotic Toeplitz operators on $H^2(\mathbb{D}^n)$. <i>Bulletin Des Sciences Mathematiques</i> , 2018, 146, 33-49.	1.0	11
18	Factorizations of Kernels and Reproducing Kernel Hilbert Spaces. <i>Integral Equations and Operator Theory</i> , 2017, 87, 225-244.	0.8	8

#	ARTICLE	IF	CITATIONS
19	Dilations, wandering subspaces, and inner functions. <i>Linear Algebra and Its Applications</i> , 2017, 523, 263-280.	0.9	17
20	Factorizations of contractions. <i>Advances in Mathematics</i> , 2017, 322, 186-200.	1.1	11
21	Ando dilations, von Neumann inequality, and distinguished varieties. <i>Journal of Functional Analysis</i> , 2017, 272, 2114-2131.	1.4	15
22	Rank of a co-doubly commuting submodule is ≤ 2 . <i>Proceedings of the American Mathematical Society</i> , 2017, 146, 1181-1187.	0.8	1
23	Analytic model of doubly commuting contractions. <i>Operators and Matrices</i> , 2017, , 101-113.	0.3	6
24	Factorizations of characteristic functions. <i>Journal of Operator Theory</i> , 2017, 77, 377-390.	0.4	2
25	Characterizations of symmetrized polydisc. <i>Indian Journal of Pure and Applied Mathematics</i> , 2016, 47, 391-397.	0.5	2
26	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
27	Inner multipliers and Rudin type invariant subspaces. <i>Acta Scientiarum Mathematicarum</i> , 2016, 82, 519-528.	0.4	1
28	Operator Theory on Symmetrized Bidisc. <i>Indiana University Mathematics Journal</i> , 2015, 64, 847-873.	0.9	39
29	Submodules of the Hardy module over the polydisc. <i>Israel Journal of Mathematics</i> , 2015, 205, 317-336.	0.8	8
30	Tensor product of quotient Hilbert modules. <i>Journal of Mathematical Analysis and Applications</i> , 2015, 424, 727-747.	1.0	6
31	Rudin's submodules of $H^{\infty}(\mathbb{D}^n)$. <i>Journal of Mathematical Analysis and Applications</i> , 2015, 424, 727-747.	1.0	6
32	An Introduction to Hilbert Module Approach to Multivariable Operator Theory. , 2015, , 969-1033.		3
33	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
34	Applications of Hilbert Module Approach to Multivariable Operator Theory. , 2015, , 1035-1091.		2
35	An Introduction to Hilbert Module Approach to Multivariable Operator Theory. , 2014, , 1-58.		0
36	Applications of Hilbert Module Approach to Multivariable Operator Theory. , 2014, , 1-52.		2

#	ARTICLE	IF	CITATIONS
37	Maximal Contractive Tuples. Complex Analysis and Operator Theory, 2014, 8, 1325-1339.	0.6	0
38	Star-generating vectors of Rudin's quotient modules. Journal of Functional Analysis, 2014, 267, 4341-4360.	1.4	6
39	Wandering Subspaces of the Bergman Space and the Dirichlet Space Over \mathbb{D}^n . Integral Equations and Operator Theory, 2014, 79, 567-577.	0.8	9
40	Curvature invariant and generalized canonical operator models II. Journal of Functional Analysis, 2014, 266, 2486-2502.	1.4	8
41	Wold decomposition for doubly commuting isometries. Linear Algebra and Its Applications, 2014, 445, 289-301.	0.9	33
42	Jordan blocks of $H^2(\mathbb{D}^n)$. Journal of Operator Theory, 2014, 72, 371-385.	0.4	11
43	Doubly commuting submodules of the Hardy module over polydiscs. Studia Mathematica, 2013, 217, 179-192.	0.7	26
44	Contractions with polynomial characteristic functions I. Geometric approach. Transactions of the American Mathematical Society, 2012, 364, 4127-4153.	0.9	5
45	Contractive Hilbert modules and their dilations. Israel Journal of Mathematics, 2012, 187, 141-165.	0.8	20
46	Resolutions of Hilbert Modules and Similarity. Journal of Geometric Analysis, 2012, 22, 471-490.	1.0	7
47	Curvature Invariant and Generalized Canonical Operator Models I. , 2012, , 293-304.		1
48	Some remarks on the Toeplitz corona problem. CRM Proceedings & Lecture Notes, 2010, , 81-89.	0.1	5
49	On unitarily equivalent submodules. Indiana University Mathematics Journal, 2008, 57, 2729-2744.	0.9	12
50	Characteristic function for polynomially contractive commuting tuples. Journal of Mathematical Analysis and Applications, 2006, 321, 242-259.	1.0	14
51	Characteristic Function of a Pure Commuting Contractive Tuple. Integral Equations and Operator Theory, 2005, 53, 23-32.	0.8	44
52	Operator positivity and analytic models of commuting tuples of operators. Studia Mathematica, 0, , 1-17.	0.7	0
53	MODEL SPACES INVARIANT UNDER COMPOSITION OPERATORS. Canadian Mathematical Bulletin, 0, , 1-14.	0.5	1
54	Schur Functions and Inner Functions on the Bidisc. Computational Methods and Function Theory, 0, , .	1.5	0