

Aparajita Dasgupta

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

144
citations

1478505

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h-index

1372567

10
g-index

21
all docs

21
docs citations

21
times ranked

41
citing authors

#	ARTICLE	IF	CITATIONS
1	Gevrey functions and ultradistributions on compact Lie groups and homogeneous spaces. Bulletin Des Sciences Mathematiques, 2014, 138, 756-782.	1.0	28
2	Spectral theory of SG pseudo-differential operators on $L^p(\mathbb{R}^n)$. Studia Mathematica, 2008, 187, 185-197.	0.7	16
3	Eigenfunction expansions of ultradifferentiable functions and ultradistributions. Transactions of the American Mathematical Society, 2016, 368, 8481-8498.	0.9	16
4	Hilbert-Schmidt and trace class pseudo-differential operators on the Heisenberg group. Journal of Pseudo-Differential Operators and Applications, 2013, 4, 345-359.	0.7	12
5	The Gohberg Lemma, compactness, and essential spectrum of operators on compact Lie groups. Journal D'Analyse Mathematique, 2016, 128, 179-190.	0.8	11
6	Weyl Transforms and the Heat Equation for the Sub-Laplacian on the Heisenberg Group. , 2008, , 33-42.		9
7	Pseudo-Differential Operators on the Affine Group. Trends in Mathematics, 2017, , 1-14.	0.1	8
8	Spectral Invariance of SG Pseudo-Differential Operators on $L^p(\mathbb{R}^n)$. , 2009, , 51-57.		8
9	Weyl transforms for H-type groups. Journal of Pseudo-Differential Operators and Applications, 2015, 6, 11-19.	0.7	6
10	Ellipticity of Fredholm Pseudo-Differential Operators on $L^p(\mathbb{R}^n)$. , 2008, , 107-116.		6
11	Hilbert-Schmidt and Trace class pseudo-differential operators on the abstract Heisenberg group. Journal of Mathematical Analysis and Applications, 2020, 486, 123936.	1.0	5
12	Hilbert-Schmidt and Trace Class Pseudo-Differential Operators and Weyl Transforms on the Affine Group. Journal of Pseudo-Differential Operators and Applications, 2021, 12, 1.	0.7	3
13	Pseudo-differential operators, Wigner transform and Weyl transform on the Similitude group, SIM(2). Bulletin Des Sciences Mathematiques, 2022, 174, 103087.	1.0	3
14	The inverse, the heat semigroup, Liouville's theorems and the spectrum for the Grushin operator. Journal of Pseudo-Differential Operators and Applications, 2010, 1, 377-388.	0.7	2
15	Eigenfunction expansions of ultradifferentiable functions and ultradistributions. II. Tensor representations. Transactions of the American Mathematical Society Series B, 2018, 5, 81-101.	1.1	2
16	Liouville's theorem and Laurent series expansions for solutions of the heat equation. Journal of Pseudo-Differential Operators and Applications, 2014, 5, 539-547.	0.7	0
17	Eigenfunction Expansions of Ultradifferentiable Functions and Ultradistributions. III. Hilbert Spaces and Universality. Journal of Fourier Analysis and Applications, 2021, 27, 1.	1.0	0
18	On global regularity for systems of nonlinear wave equations with the null-condition. Dynamics of Partial Differential Equations, 2015, 12, 115-125.	0.9	0