

Stefanie Petermichl

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

629
citations

687363

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677142

22
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23
all docs

23
docs citations

23
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	The sharp bound for the Hilbert transform on weighted Lebesgue spaces in terms of the classical A_p characteristic. American Journal of Mathematics, 2007, 129, 1355-1375.	1.1	131
2	Heating of the Ahlfors-Beurling operator: weakly quasiregular maps on the plane are quasiregular. Duke Mathematical Journal, 2002, 112, 281.	1.5	125
3	Dyadic shifts and a logarithmic estimate for Hankel operators with matrix symbol. Comptes Rendus Mathematique, 2000, 330, 455-460.	0.5	67
4	Sharp A_2 inequality for Haar shift operators. Mathematische Annalen, 2010, 348, 127-141.	1.4	67
5	Multiparameter Riesz commutators. American Journal of Mathematics, 2009, 131, 731-769.	1.1	30
6	Convex body domination and weighted estimates with matrix weights. Advances in Mathematics, 2017, 318, 279-306.	1.1	26
7	Weighted little bmo and two-weight inequalities for Journé commutators. Analysis and PDE, 2018, 11, 1693-1740.	1.4	26
8	An estimate for weighted Hilbert transform via square functions. Transactions of the American Mathematical Society, 2001, 354, 1699-1703.	0.9	21
9	Higher order Journé commutators and characterizations of multi-parameter BMO. Advances in Mathematics, 2016, 291, 24-58.	1.1	21
10	Bounds for the Hilbert transform with matrix A_2 weights. Journal of Functional Analysis, 2016, 270, 1719-1743.	1.4	19
11	Why the Riesz transforms are averages of the dyadic shifts?. Publicacions Matemàtiques, 2002, EXTRA, 209-228.	0.5	19
12	A sharp estimate for the weighted Hilbert transform via Bellman functions. Michigan Mathematical Journal, 2002, 50, .	0.4	18
13	Sharp L^p estimates for discrete second order Riesz transforms. Advances in Mathematics, 2014, 262, 932-952.	1.1	17
14	Multi-parameter Div-Curl lemmas. Bulletin of the London Mathematical Society, 2012, 44, 1123-1131.	0.8	9
15	Differential subordination under change of law. Annals of Probability, 2019, 47, .	1.8	8
16	A lower bound criterion for iterated commutators. Journal of Functional Analysis, 2014, 266, 5300-5320.	1.4	6
17	On the failure of lower square function estimates in the non-homogeneous weighted setting. Mathematische Annalen, 2019, 374, 1923-1952.	1.4	4
18	Second Order Riesz Transforms on Multiply Connected Lie Groups and Processes with Jumps. Potential Analysis, 2016, 45, 777-794.	0.9	3

#	ARTICLE	IF	CITATIONS
19	A matrix weighted bilinear Carleson lemma and maximal function. Analysis and Mathematical Physics, 2019, 9, 1163-1180.	1.3	1
20	Discrete Hilbert transform $\tilde{\text{A}}$ la Gundy $\hat{\text{A}}$ Varopoulos. Proceedings of the American Mathematical Society, 2020, 148, 2433-2446.	0.8	1
21	Failure of the matrix weighted bilinear Carleson embedding theorem. Linear Algebra and Its Applications, 2019, 582, 452-466.	0.9	0