

# Stefanie Petermichl

## List of Publications by Year in descending order

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times ranked

132  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discrete Hilbert transform à la Gundy–Varopoulos. <i>Proceedings of the American Mathematical Society</i> , 2020, 148, 2433-2446.	0.8	1
2	A matrix weighted bilinear Carleson lemma and maximal function. <i>Analysis and Mathematical Physics</i> , 2019, 9, 1163-1180.	1.3	1
3	Failure of the matrix weighted bilinear Carleson embedding theorem. <i>Linear Algebra and Its Applications</i> , 2019, 582, 452-466.	0.9	0
4	Differential subordination under change of law. <i>Annals of Probability</i> , 2019, 47, .	1.8	8
5	On the failure of lower square function estimates in the non-homogeneous weighted setting. <i>Mathematische Annalen</i> , 2019, 374, 1923-1952.	1.4	4
6	Weighted little bmo and two-weight inequalities for Journé commutators. <i>Analysis and PDE</i> , 2018, 11, 1693-1740.	1.4	26
7	Convex body domination and weighted estimates with matrix weights. <i>Advances in Mathematics</i> , 2017, 318, 279-306.	1.1	26
8	Second Order Riesz Transforms on Multiply Connected Lie Groups and Processes with Jumps. <i>Potential Analysis</i> , 2016, 45, 777-794.	0.9	3
9	Higher order Journé commutators and characterizations of multi-parameter BMO. <i>Advances in Mathematics</i> , 2016, 291, 24-58.	1.1	21
10	Bounds for the Hilbert transform with matrix A2 weights. <i>Journal of Functional Analysis</i> , 2016, 270, 1719-1743.	1.4	19
11	Sharp $\int \int \int$ for discrete second order Riesz transforms. <i>Advances in Mathematics</i> , 2014, 262, 932-952.		
12	A lower bound criterion for iterated commutators. <i>Journal of Functional Analysis</i> , 2014, 266, 5300-5320.	1.4	6
13	Multi-parameter Div-Curl lemmas. <i>Bulletin of the London Mathematical Society</i> , 2012, 44, 1123-1131.	0.8	9
14	Sharp A 2 inequality for Haar shift operators. <i>Mathematische Annalen</i> , 2010, 348, 127-141.	1.4	67
15	Multiparameter Riesz commutators. <i>American Journal of Mathematics</i> , 2009, 131, 731-769.	1.1	30
16	The sharp bound for the Hilbert transform on weighted Lebesgue spaces in terms of the classical A p characteristic. <i>American Journal of Mathematics</i> , 2007, 129, 1355-1375.	1.1	131
17	Heating of the Ahlfors-Beurling operator: weakly quasiregular maps on the plane are quasiregular. <i>Duke Mathematical Journal</i> , 2002, 112, 281.	1.5	125
18	A sharp estimate for the weighted Hilbert transform via Bellman functions. <i>Michigan Mathematical Journal</i> , 2002, 50, .	0.4	18

#	ARTICLE	IF	CITATIONS
19	Why the Riesz transforms are averages of the dyadic shifts?. <i>Publicacions Matematiques</i> , 2002, EXTRA, 209-228.	0.5	19
20	An estimate for weighted Hilbert transform via square functions. <i>Transactions of the American Mathematical Society</i> , 2001, 354, 1699-1703.	0.9	21
21	Dyadic shifts and a logarithmic estimate for Hankel operators with matrix symbol. <i>Comptes Rendus Mathematique</i> , 2000, 330, 455-460.	0.5	67