

Michael T Lacey

List of Publications by Year in descending order

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59
papers

1,716
citations

394421

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289244

40
g-index

60
all docs

60
docs citations

60
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Compactness of commutator of Riesz transforms in the two weight setting. <i>Journal of Mathematical Analysis and Applications</i> , 2022, 508, 125869.	1.0	6
2	Improving and maximal inequalities for primes in progressions. <i>Banach Journal of Mathematical Analysis</i> , 2022, 16, .	0.8	0
3	A POLYNOMIAL ROTH THEOREM FOR CORNERS IN FINITE FIELDS. <i>Mathematika</i> , 2021, 67, 885-896.	0.5	3
4	Weighted estimates for one-sided martingale transforms. <i>Proceedings of the American Mathematical Society</i> , 2020, 148, 235-245.	0.8	2
5	On logarithmic bounds of maximal sparse operators. <i>Mathematische Zeitschrift</i> , 2020, 294, 1271-1281.	0.9	2
6	Improving Estimates for Discrete Polynomial Averages. <i>Journal of Fourier Analysis and Applications</i> , 2020, 26, 1.	1.0	4
7	$\hat{a},$ p -Improving Inequalities for Discrete Spherical Averages. <i>Analysis Mathematica</i> , 2020, 46, 85-95.	0.5	10
8	Averages Along the Primes: Improving and Sparse Bounds. <i>Concrete Operators</i> , 2020, 7, 45-54.	0.2	5
9	Sparse bounds for the discrete spherical maximal functions. <i>Pure and Applied Analysis</i> , 2020, 2, 75-92.	1.1	7
10	Sparse Bounds for Bochner-Riesz Multipliers. <i>Journal of Fourier Analysis and Applications</i> , 2019, 25, 523-537.	1.0	11
11	Sparse bounds for spherical maximal functions. <i>Journal D'Analyse Mathématique</i> , 2019, 139, 613-635.	0.8	19
12	On convergence of oscillatory ergodic Hilbert transforms. <i>Indiana University Mathematics Journal</i> , 2019, 68, 641-662.	0.9	2
13	Sparse bounds for the discrete cubic Hilbert transform. <i>Analysis and PDE</i> , 2019, 12, 1259-1272.	1.4	14
14	Sparse endpoint estimates for Bochner-Riesz multipliers on the plane. <i>Collectanea Mathematica</i> , 2018, 69, 427-435.	0.9	8
15	Pointwise convergence of Walsh-Fourier series of vector-valued functions. <i>Mathematical Research Letters</i> , 2018, 25, 561-580.	0.5	4
16	Commutators in the two-weight setting. <i>Mathematische Annalen</i> , 2017, 367, 51-80.	1.4	58
17	An elementary proof of the A_2 bound. <i>Israel Journal of Mathematics</i> , 2017, 217, 181-195.	0.8	102
18	Local Tb theorem with L^2 testing conditions and general measures: square functions. <i>Journal D'Analyse Mathématique</i> , 2017, 133, 71-89.	0.8	1

#	ARTICLE	IF	CITATIONS
19	The Two Weight Inequality for the Hilbert Transform: A Primer. Association for Women in Mathematics Series, 2017, , 11-84.	0.4	5
20	On the Local Tb Theorem: A Direct Proof under the Duality Assumption. Proceedings of the Edinburgh Mathematical Society, 2016, 59, 193-222.	0.3	2
21	On L^p type estimates for square functions. Mathematische Zeitschrift, 2016, 284, 1211-1222.	0.9	12
22	On the Separated Bumps Conjecture for Calderón-Zygmund Operators. Hokkaido Mathematical Journal, 2016, 45, .	0.3	12
23	Bloom's inequality: commutators in a two-weight setting. Archiv Der Mathematik, 2016, 106, 53-63.	0.5	22
24	Borderline weak type estimates for singular integrals and square functions. Bulletin of the London Mathematical Society, 2016, 48, 63-73.	0.8	26
25	Local Tb theorem with L^2 testing conditions and general measures: Calderón-Zygmund operators. Annales Scientifiques De L'École Normale Supérieure, 2016, 49, 57-86.	0.8	10
26	On Entropy Bumps for Calderón-Zygmund Operators. Concrete Operators, 2015, 2, .	0.2	5
27	The perfect local Tb Theorem and twisted Martingale transforms. Proceedings of the American Mathematical Society, 2014, 142, 1689-1700.	0.8	5
28	Two-weight inequality for the Hilbert transform: A real variable characterization, II. Duke Mathematical Journal, 2014, 163, .	1.5	56
29	Two-weight inequality for the Hilbert transform: A real variable characterization, I. Duke Mathematical Journal, 2014, 163, .	1.5	43
30	Dichotomy results for the L^p norm of the discrepancy function. Journal of Mathematical Analysis and Applications, 2014, 410, 1-6.	1.0	1
31	A variation norm Carleson theorem for vector-valued Walsh-Fourier series. Revista Matemática Iberoamericana, 2014, 30, 979-1014.	0.9	10
32	Two weight norm inequalities for the g_λ function. Mathematical Research Letters, 2014, 21, 521-536.	0.5	13
33	Pointwise convergence of vector-valued Fourier series. Mathematische Annalen, 2013, 357, 1329-1361.	1.4	22
34	The vector valued quartile operator. Collectanea Mathematica, 2013, 64, 427-454.	0.9	9
35	Sharp weighted bounds for the q -variation of singular integrals. Bulletin of the London Mathematical Society, 2013, 45, 529-540.	0.8	52
36	The Supremum Norm of the Discrepancy Function: Recent Results and Connections. Springer Proceedings in Mathematics and Statistics, 2013, , 23-38.	0.2	4

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37	On the convergence of lacunary Walsh-Fourier series. Bulletin of the London Mathematical Society, 2012, 44, 241-254.	0.8	9
38	Multi-parameter Div-Curl lemmas. Bulletin of the London Mathematical Society, 2012, 44, 1123-1131.	0.8	9
39	Weighted Bounds for Variational Walsh-Fourier Series. Journal of Fourier Analysis and Applications, 2012, 18, 1318-1339.	1.0	6
40	Weak and strong type estimates for maximal truncations of Calderón-Zygmund operators on A_p weighted spaces. Journal D'Analyse Mathématique, 2012, 118, 177-220.	0.8	21
41	The A_p -BMO inequality for general Calderon-Zygmund operators. Indiana University Mathematics Journal, 2012, 61, 2041-2052.	0.9	40
42	On the A_2 Inequality for Calderón-Zygmund Operators. Springer Proceedings in Mathematics and Statistics, 2012, , 235-242.	0.2	3
43	Sharp A_2 inequality for Haar shift operators. Mathematische Annalen, 2010, 348, 127-141.	1.4	67
44	Sharp weighted bounds for fractional integral operators. Journal of Functional Analysis, 2010, 259, 1073-1097.	1.4	66
45	Composition of Haar paraproducts: the random case. Analysis Mathematica, 2009, 35, 1-13.	0.5	3
46	Multiparameter Riesz commutators. American Journal of Mathematics, 2009, 131, 731-769.	1.1	30
47	Exponential Squared Integrability of the Discrepancy Function in Two Dimensions. Mathematika, 2009, 55, 1-27.	0.5	16
48	On the discrepancy function in arbitrary dimension, close to L^1 . Analysis Mathematica, 2008, 34, 119-136.	0.5	6
49	On the Small Ball Inequality in all dimensions. Journal of Functional Analysis, 2008, 254, 2470-2502.	1.4	89
50	On the small ball inequality in three dimensions. Duke Mathematical Journal, 2008, 143, .	1.5	36
51	Breaking the duality in the return times theorem. Duke Mathematical Journal, 2008, 143, .	1.5	31
52	Paraproducts in one and several parameters. Forum Mathematicum, 2007, 19, .	0.7	17
53	A characterization of product BMO by commutators. Acta Mathematica, 2002, 189, 143-160.	3.9	117
54	The solution of Kato's conjectures. Comptes Rendus Mathématique, 2001, 332, 601-606.	0.5	16

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55	A proof of boundedness of the Carleson operator. Mathematical Research Letters, 2000, 7, 361-370.	0.5	87
56	On Calderon's Conjecture. Annals of Mathematics, 1999, 149, 475.	4.2	222
57	Integer sequences with big gaps and the pointwise ergodic theorem. Ergodic Theory and Dynamical Systems, 1999, 19, 1295-1308.	0.6	6
58	L^p Estimates on the Bilinear Hilbert Transform for $2 < p < \infty$. Annals of Mathematics, 1997, 146, 693.	4.2	242
59	On an inequality due to Bourgain. Illinois Journal of Mathematics, 1997, 41, .	0.1	5