Eric T Sawyer

List of Publications by Year
in descending order

43 papers	1,064 citations	567281 15 h-index	414414 32 g-index
43 all docs	43 docs citations	43 times ranked	268 citing authors

#	ARTICLE	IF	CITATIONS
1	Weighted Alpert Wavelets. Journal of Fourier Analysis and Applications, 2021, 27, 1.	1.0	4
2	Restricted Testing for Positive Operators. Journal of Geometric Analysis, 2021, 31, 11139-11164.	1.0	1
3	Continuity of infinitely degenerate weak solutions via the trace method. Journal of Functional Analysis, 2021, 281, 109170.	1.4	0
4	A two weight inequality for CalderÃ³nâ€"Zygmund operators on spaces of homogeneous type with applications. Journal of Functional Analysis, 2021, 281, 109190.	1.4	4
5	The two weight T1 theorem for fractional Riesz transforms when one measure is supported on a curve. Journal D'Analyse Mathematique, 2020, 142, 453-520.	0.8	1
6	Energy Counterexamples in Two Weight CalderÃ³nâ€"Zygmund Theory. International Mathematics Research Notices, 2019, , .	1.0	1
7	A Two Weight Fractional Singular Integral Theorem with Side Conditions, Energy and k-Energy Dispersed. Association for Women in Mathematics Series, 2017, , 305-372.	0.4	5
8	A Good-Î» Lemma, Two Weight T1 Theorems Without Weak Boundedness, and a Two Weight Accretive Global Tb Theorem. Applied and Numerical Harmonic Analysis, 2017, , 125-164.	0.3	5
9	A two weight theorem for $alpha$-fractional singular integrals with an energy side condition. Revista Matematica Iberoamericana, 2016, 32, 79-174.	0.9	12
10	The Corona Problem for Kernel Multiplier Algebras. Integral Equations and Operator Theory, 2016, 86, 495-544.	0.8	0
11	The KrzyÅ¼ conjecture revisited. Advances in Mathematics, 2015, 273, 716-745.	1.1	10
12	A Note on Failure of Energy Reversal for Classical Fractional Singular Integrals. International Mathematics Research Notices, 2015, 2015, 9888-9920.	1.0	6
13	Two-weight inequality for the Hilbert transform: A real variable characterization, I. Duke Mathematical Journal, 2014, 163, .	1.5	43
14	Potential Theory on Trees, Graphs and Ahlfors-regular Metric Spaces. Potential Analysis, 2014, 41, 317-366.	0.9	14
15	Hypoellipticity for infinitely degenerate quasilinear equations and the dirichlet problem. Journal D'Analyse Mathematique, 2013, 119, 1-62.	0.8	5
16	Restricted convolution inequalities, multilinear operators and applications. Mathematical Research Letters, 2013, 20, 675-694.	0.5	14
17	A characterization of two weight norm inequalities for maximal singular integrals with one doubling measure. Analysis and PDE, 2012, 5, 1-60.	1.4	29
18	Weak and strong type estimates for maximal truncations of CalderÃ³n-Zygmund operators on A p weighted spaces. Journal D'Analyse Mathematique, 2012, 118, 177-220.	0.8	21

#	ARTICLE	IF	CITATIONS
19	A two weight inequality for the Hilbert transform assuming an Energy Hypothesis. Journal of Functional Analysis, 2012, 263, 305-363.	1.4	15
20	The corona theorem for the Drury–Arveson Hardy space and other holomorphic Besov–Sobolev spaces on the unit ball in $\mathbb{C}^n$. Analysis and PDE, 2011, 4, 499-550.	1.4	37
21	Function spaces related to the Dirichlet space. Journal of the London Mathematical Society, 2011, 83, 1-18.	1.0	17
22	Degenerate Sobolev spaces and regularity of subelliptic equations. Transactions of the American Mathematical Society, 2010, 362, 1869-1906.	0.9	24
23	Bilinear forms on the Dirichlet space. Analysis and PDE, 2010, 3, 21-47.	1.4	26
24	Astala's conjecture on distortion of Hausdorff measures under quasiconformal maps in the plane. Acta Mathematica, 2010, 204, 273-292.	3.9	13
25	BMO estimates for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi>H</mml:mi><mml:mo>∞</mml:mo></mml:msup><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 Td (mathvariant="double-struck 3818-3840.	1.4	5
26	Regularity of subelliptic Monge-Ampère equations in the plane. Transactions of the American Mathematical Society, 2009, 361, 4581-4591.	0.9	9
27	Regularity of subelliptic Monge–Ampère equations. Advances in Mathematics, 2008, 217, 967-1026.	1.1	12
28	Smoothness of radial solutions to Monge-Ampère equations. Proceedings of the American Mathematical Society, 2008, 137, 1373-1379.	0.8	1
29	Mean lattice point discrepancy bounds, II: Convex domains in the plane. Journal D'Analyse Mathematique, 2007, 101, 25-63.	0.8	4
30	Regularity of Degenerate Monge–Ampère and Prescribed Gaussian Curvature Equations in Two Dimensions. Potential Analysis, 2006, 24, 267-301.	0.9	13
31	A higher-dimensional partial Legendre transform, and regularity of degenerate Monge-Ampère equations. Advances in Mathematics, 2005, 193, 373-415.	1.1	15
32	A priori estimates for quasilinear equations related to the Monge-Ampère equation in two dimensions. Journal D'Analyse Mathematique, 2005, 97, 257-316.	0.8	4
33	Carleson measures for analytic Besov spaces. Revista Matematica Iberoamericana, 2002, 18, 443-510.	0.9	80
34	Mean square discrepancy bounds for the number of lattice points in large convex bodies. Journal D'Analyse Mathematique, 2002, 87, 209-230.	0.8	17
35	A symbolic calculus for rough pseudodifferential operators. Indiana University Mathematics Journal, 1996, 45, 0-0.	0.9	3
36	Weighted norm inequalities for operators of potential type and fractional maximal functions. Potential Analysis, 1996, 5, 523-580.	0.9	34

#	Article	IF	Citations
37	Carleson measures and multipliers of Dirichlet-type spaces. Transactions of the American Mathematical Society, 1988, 309, 87-87.	0.9	40
38	A characterization of two weight norm inequalities for fractional and Poisson integrals. Transactions of the American Mathematical Society, 1988, 308, 533-545.	0.9	114
39	Families of plane curves having translates in a set of measure zero. Mathematika, 1987, 34, 69-76.	0.5	7
40	The trace inequality and eigenvalue estimates for Schrödinger operators. Annales De L'Institut Fourier, 1986, 36, 207-228.	0.6	95
41	A two weight weak type inequality for fractional integrals. Transactions of the American Mathematical Society, 1984, 281, 339-345.	0.9	56
42	A characterization of a two-weight norm inequality for maximal operators. Studia Mathematica, 1982, 75, 1-11.	0.7	248
43	A T1 theorem for general Calderón–Zygmund operators with comparable doubling weights, and optimal cancellation conditions. Journal D'Analyse Mathematique, 0, , .	0.8	0