Emanuel Carneiro

List of Publications by Year
in descending order

35 papers	745 citations	567281 15 h-index	552781 26 g-index
35 all docs	35 docs citations	35 times ranked	107 citing authors

#	Article	IF	Citations
1	On Montgomeryâ€™s pair correlation conjecture: A tale of three integrals. Journal Fur Die Reine Und Angewandte Mathematik, 2022, 2022, 205-243.	0.9	3
2	Bounds for Zeta and Primes via Fourier Analysis. Trends in Mathematics, 2021, , 59-64.	0.1	0
3	Fourier optimization and prime gaps. Commentarii Mathematici Helvetici, 2019, 94, 533-568.	0.7	18
4	Sharp mixed norm spherical restriction. Advances in Mathematics, 2019, 341, 583-608.	1.1	8
5	Regularity of Maximal Operators: Recent Progress and Some Open Problems. Applied and Numerical Harmonic Analysis, 2019, , 69-92.	0.3	3
6	Extremizers for Fourier restriction on hyperboloids. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2019, 36, 389-415.	1.4	7
7	Bandlimited approximations and estimates for the Riemann zeta-function. Publicacions Matematiques, 2019, 63, 601-661.	0.5	12
8	Bounding S_n(t) on the Riemann hypothesis. Mathematical Proceedings of the Cambridge Philosophical Society, 2018, 164, 259-283.	0.4	10
9	On the variation of maximal operators of convolution type II. Revista Matematica Iberoamericana, 2018, 34, 739-766.	0.9	27
10	Derivative bounds for fractional maximal functions. Transactions of the American Mathematical Society, 2017, 369, 4063-4092.	0.9	67
11	Hilbert spaces and the pair correlation of zeros of the Riemann zeta-function. Journal Fur Die Reine Und Angewandte Mathematik, 2017, 2017, 143-182.	0.9	18
12	Endpoint Sobolev and BV continuity for maximal operators. Journal of Functional Analysis, 2017, 273, 3262-3294.	1.4	61
13	Extremal functions in de Branges and Euclidean spaces, II. American Journal of Mathematics, 2017, 139, 525-566.	1.1	4
14	A sharp trilinear inequality related to Fourier restriction on the circle. Revista Matematica Iberoamericana, 2017, 33, 1463-1486.	0.9	11
15	On the argument of L-functions. Bulletin of the Brazilian Mathematical Society, 2015, 46, 601-620.	0.8	10
16	Corrigendum to â€œOn a discrete version of Tanakaâ€™s theorem for maximal functionsâ€• Proceedings of the American Mathematical Society, 2015, 143, 5471-5473.	0.8	0
17	Some Sharp Restriction Inequalities on the Sphere. International Mathematics Research Notices, 2015, 2015, 8233-8267.	1.0	15
18	Extremal problems in de Branges spaces: the case of truncated and odd functions. Mathematische Zeitschrift, 2015, 280, 17-45.	0.9	4

#	Article	IF	Citations
19	A note on the zeros of zeta and L-functions. Mathematische Zeitschrift, 2015, 281, 315-332.	0.9	15
20	Extremal functions in de Branges and Euclidean spaces. Advances in Mathematics, 2014, 260, 281-349.	1.1	11
21	Entire Approximations for a Class of Truncated and Odd Functions. Journal of Fourier Analysis and Applications, 2013, 19, 967-996.	1.0	9
22	Bandlimited Approximations to the Truncated Gaussian and Applications. Constructive Approximation, 2013, 38, 19-57.	3.0	12
23	On the variation of maximal operators of convolution type. Journal of Functional Analysis, 2013, 265, 837-865.	1.4	60
24	Bounding $$S(t)$$ and $$S_1(t)$$ on the Riemann hypothesis. Mathematische Annalen, 2013, 356, 939-968.	1.4	37
25	Gaussian subordination for the Beurling-Selberg extremal problem. Transactions of the American Mathematical Society, 2013, 365, 3493-3534.	0.9	25
26	On a discrete version of Tanakaâ€™s theorem for maximal functions. Proceedings of the American Mathematical Society, 2012, 140, 1669-1680.	0.8	45
27	On the endpoint regularity of discrete maximal operators. Mathematical Research Letters, 2012, 19, 1245-1262.	0.5	34
28	Bounding <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>Î¶</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>s</mml:mi><mml:mo stretchy="false">)</mml:mo></mml:math> in the critical strip. Journal of Number Theory, 2011, 131, 363-384.	0.4	31
29	Convolution Inequalities for the Boltzmann Collision Operator. Communications in Mathematical Physics, 2010, 298, 293-322.	2.2	28
30	Some Extremal Functions in Fourier Analysis, III. Constructive Approximation, 2010, 31, 259-288.	3.0	18
31	Estimates for the Boltzmann collision operator via radial symmetry and Fourier transform. Advances in Mathematics, 2010, 223, 511-528.	1.1	11
32	Some extremal functions in Fourier analysis. II. Transactions of the American Mathematical Society, 2010, 362, 5803-5803.	0.9	24
33	A Sharp Inequality for the Strichartz Norm. International Mathematics Research Notices, 2009, 2009, 3127-3145.	1.0	36
34	Sharp approximations to the Bernoulli periodic functions by trigonometric polynomials. Journal of Approximation Theory, 2008, 154, 90-104.	0.8	7
35	On the regularity of maximal operators. Proceedings of the American Mathematical Society, 2008, 136, 4395-4404.	0.8	64