David Beltran

List of Publications by Year
in descending order

12 papers	**114** citations	1478505 **6** h-index	1372567 **10** g-index
12 all docs	**12** docs citations	**12** times ranked	**25** citing authors

#	Article	IF	Citations
1	Regularity of fractional maximal functions through Fourier multipliers. Journal of Functional Analysis, 2019, 276, 1875-1892.	1.4	30
2	Variable coefficient Wolff-type inequalities and sharp local smoothing estimates for wave equations on manifolds. Analysis and PDE, 2020, 13, 403-433.	1.4	18
3	Regularity of the centered fractional maximal function on radial functions. Journal of Functional Analysis, 2020, 279, 108686.	1.4	17
4	Endpoint Sobolev Continuity of the Fractional Maximal Function in Higher Dimensions. International Mathematics Research Notices, 2021, 2021, 17316-17342.	1.0	15
5	Sparse bounds for pseudodifferential operators. Journal D'Analyse Mathematique, 2020, 140, 89-116.	0.8	7
6	A Fefferman–Stein inequality for the Carleson operator. Revista Matematica Iberoamericana, 2018, 34, 221-244.	0.9	6
7	Subdyadic square functions and applications to weighted harmonic analysis. Advances in Mathematics, 2017, 307, 72-99.	1.1	5
8	Sharp Local Smoothing Estimates for Fourier Integral Operators. Springer INdAM Series, 2021, , 29-105.	0.5	5
9	Variation bounds for spherical averages. Mathematische Annalen, 2022, 382, 459-512.	1.4	4
10	Control of pseudodifferential operators by maximal functions via weighted inequalities. Transactions of the American Mathematical Society, 2019, 371, 3117-3143.	0.9	3
11	Sobolev improving for averages over curves in $\mathbb{R}^4$. Advances in Mathematics, 2021, 393, 108089.	1.1	3
12	Bilinear identities involving the *k*-plane transform and Fourier extension operators. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 3349-3377.	1.2	1