

David Beltran

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

114
citations

1478505

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1372567

10
g-index

12
all docs

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docs citations

12
times ranked

25
citing authors

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