

Chun-Kit Lai

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

562
citations

1040056

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713466

21
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23
all docs

23
docs citations

23
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral property of Cantor measures with consecutive digits. <i>Advances in Mathematics</i> , 2013, 242, 187-208.	1.1	128
2	Hadamard triples generate self-affine spectral measures. <i>Transactions of the American Mathematical Society</i> , 2019, 371, 1439-1481.	0.9	103
3	Exponential spectra in $L^{\frac{1}{4}}$. <i>Applied and Computational Harmonic Analysis</i> , 2013, 34, 327-338.	2.2	74
4	Uniformity of measures with Fourier frames. <i>Advances in Mathematics</i> , 2014, 252, 684-707.	1.1	69
5	On spectral Cantor-Moran measures and a variant of Bourgain's sum of sine problem. <i>Advances in Mathematics</i> , 2019, 349, 84-124.	1.1	54
6	On Fourier frame of absolutely continuous measures. <i>Journal of Functional Analysis</i> , 2011, 261, 2877-2889.	1.4	34
7	Spectral measures generated by arbitrary and random convolutions. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2017, 107, 183-204.	1.6	25
8	Non-spectral fractal measures with Fourier frames. <i>Journal of Fractal Geometry</i> , 2017, 4, 305-327.	0.7	12
9	Spark-level sparsity and the ℓ_1 tail minimization. <i>Applied and Computational Harmonic Analysis</i> , 2018, 45, 206-215.	2.2	12
10	Gabor orthonormal bases generated by the unit cubes. <i>Journal of Functional Analysis</i> , 2015, 269, 1515-1538.	1.4	9
11	Conjugate phase retrieval on C by real vectors. <i>Linear Algebra and Its Applications</i> , 2020, 587, 45-69.	0.9	8
12	Spectral Measures Associated with the Factorization of the Lebesgue Measure on a Set via Convolution. <i>Journal of Fourier Analysis and Applications</i> , 2014, 20, 453-475.	1.0	7
13	Fourier Bases and Fourier Frames on Self-Affine Measures. <i>Trends in Mathematics</i> , 2017, , 87-111.	0.1	6
14	Frames of multi-windowed exponentials on subsets of \mathbb{R}^d . <i>Applied and Computational Harmonic Analysis</i> , 2014, 36, 461-472.	2.2	4
15	Fourier Frames for Surface-Carried Measures. <i>International Mathematics Research Notices</i> , 2022, 2022, 1644-1665.	1.0	4
16	Existence and Exactness of Exponential Riesz Sequences and Frames for Fractal Measures. <i>Journal D'Analyse Mathematique</i> , 2021, 143, 289.	0.8	4
17	Conjugate Phase Retrieval in Paley-Wiener Space. , 2019, , .		3
18	Conjugate Phase Retrieval in Paley-Wiener Space. <i>Journal of Fourier Analysis and Applications</i> , 2021, 27, 1.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Non-symmetric convex polytopes and Gabor orthonormal bases. Proceedings of the American Mathematical Society, 2018, 146, 5147-5155.	0.8	1
20	Non-separable Lattices, Gabor Orthonormal Bases and Tilings. Journal of Fourier Analysis and Applications, 2019, 25, 3075-3103.	1.0	1
21	On Exponential Bases and Frames with Non-linear Phase Functions and Some Applications. Journal of Fourier Analysis and Applications, 2021, 27, 1.	1.0	1
22	Spectral properties of some unions of linear spaces. Journal of Functional Analysis, 2021, 280, 108985.	1.4	1
23	Undersampled Windowed Exponentials and Their Applications. Acta Applicandae Mathematicae, 2019, 164, 65-81.	1.0	0