

# Xin-Rong Dai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5815888/publications.pdf>

Version: 2024-02-01

18  
papers

605  
citations

1040056

9  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

57  
citing authors

#	ARTICLE	IF	CITATIONS
1	When does a Bernoulli convolution admit a spectrum?. <i>Advances in Mathematics</i> , 2012, 231, 1681-1693.	1.1	143
2	On spectral $N$ -Bernoulli measures. <i>Advances in Mathematics</i> , 2014, 259, 511-531.	1.1	132
3	Spectral property of Cantor measures with consecutive digits. <i>Advances in Mathematics</i> , 2013, 242, 187-208.	1.1	128
4	Spectra of Cantor measures. <i>Mathematische Annalen</i> , 2016, 366, 1621-1647.	1.4	56
5	Spectrality of self-affine Sierpinski-type measures on $\mathbb{R}^2$ . <i>Applied and Computational Harmonic Analysis</i> , 2021, 52, 63-81.	2.2	45
6	Spectral measures with arbitrary Hausdorff dimensions. <i>Journal of Functional Analysis</i> , 2015, 268, 2464-2477.	1.4	31
7	Refinable functions with non-integer dilations. <i>Journal of Functional Analysis</i> , 2007, 250, 1-20.	1.4	29
8	Classification of Refinable Splines. <i>Constructive Approximation</i> , 2006, 24, 187-200.	3.0	14
9	Structure of refinable splines. <i>Applied and Computational Harmonic Analysis</i> , 2007, 22, 374-381.	2.2	9
10	Classification of Refinable Splines in $\mathbb{R}^d$ . <i>Constructive Approximation</i> , 2010, 31, 343-358.	3.0	7
11	NON-SPECTRAL PROBLEM FOR CANTOR MEASURES. <i>Fractals</i> , 2021, 29, 2150157.	3.7	3
12	The ???-problem for Gabor systems. <i>Memoirs of the American Mathematical Society</i> , 2016, 244, 0-0.	0.9	2
13	Compactly supported multi-refinable distributions and B-splines. <i>Journal of Mathematical Analysis and Applications</i> , 2006, 323, 379-386.	1.0	1
14	Summation and intersection of refinable shift invariant spaces. <i>Science China Mathematics</i> , 2011, 54, 2087-2097.	1.7	1
15	Space-filling curves of self-similar sets (II): edge-to-trail substitution rule. <i>Nonlinearity</i> , 2019, 32, 1772-1809.	1.4	1
16	On Refinable Sets. <i>Methods and Applications of Analysis</i> , 2007, 14, 165-178.	0.5	1
17	An isodiametric problem with additional constraints. <i>Journal of Mathematical Analysis and Applications</i> , 2013, 397, 1-8.	1.0	0
18	An isodiametric problem of fractal dimension. <i>Geometriae Dedicata</i> , 2015, 175, 79-91.	0.3	0