

Mourad Ben Slimane

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

128
citations

7
h-index

10
g-index

32
ext. papers

133
ext. citations

1.2
avg, IF

2.95
L-index

#	Paper	IF	Citations
31	Multifractal Analysis of Rectangular Pointwise Regularity with Hyperbolic Wavelet Bases. <i>Journal of Fourier Analysis and Applications</i> , 2021 , 27, 1	1.1	
30	Pointwise Rectangular Lipschitz Regularities for Fractional Brownian Sheets and Some Sierpinski Selfsimilar Functions. <i>Mathematics</i> , 2020 , 8, 1179	2.3	2
29	On the Baire Generic Validity of the Multifractal Formalism in Besov and Sobolev Spaces. <i>Journal of Function Spaces</i> , 2019 , 2019, 1-14	0.8	
28	Directional Thermodynamic Formalism. <i>Symmetry</i> , 2019 , 11, 825	2.7	
27	On Wavelet and Leader Wavelet Based Large Deviation Multifractal Formalisms for Non-uniform Hölder Functions. <i>Journal of Fourier Analysis and Applications</i> , 2019 , 25, 506-522	1.1	0
26	Directional Multifractal Analysis in the L_p Setting. <i>Journal of Function Spaces</i> , 2019 , 2019, 1-12	0.8	
25	Criteria of pointwise and uniform directional Lipschitz regularities on tensor products of Schauder functions. <i>Journal of Mathematical Analysis and Applications</i> , 2018 , 460, 496-515	1.1	2
24	Mixed Wavelet Leaders Multifractal Formalism in a Product of Critical Besov Spaces. <i>Mediterranean Journal of Mathematics</i> , 2017 , 14, 1	0.9	1
23	Mixed Wavelet Leaders Multifractal Formalism for Baire Generic Functions in a Product of Intersections of Hölder Spaces with Non-Continuous Besov Spaces. <i>Mediterranean Journal of Mathematics</i> , 2016 , 13, 5093-5118	0.9	3
22	Baire Typical Results for Mixed Hölder Spectra on Product of Continuous Besov or Oscillation Spaces. <i>Mediterranean Journal of Mathematics</i> , 2016 , 13, 1513-1533	0.9	7
21	Baire generic results for the anisotropic multifractal formalism. <i>Revista Matemática Complutense</i> , 2016 , 29, 127-167	0.8	5
20	MIXED MULTIFRACTAL ANALYSIS FOR FUNCTIONS: GENERAL UPPER BOUND AND OPTIMAL RESULTS FOR VECTORS OF SELF-SIMILAR OR QUASI-SELF-SIMILAR OF FUNCTIONS AND THEIR SUPERPOSITIONS. <i>Fractals</i> , 2016 , 24, 1650039	3.2	2
19	MULTIFRACTAL FORMALISM OF OSCILLATING SINGULARITIES FOR RANDOM WAVELET SERIES. <i>Fractals</i> , 2015 , 23, 1550005	3.2	
18	Analysis of a Fractal Boundary: The Graph of the Knopp Function. <i>Abstract and Applied Analysis</i> , 2015 , 2015, 1-14	0.7	2
17	Addendum: "A wavelet multifractal formalism for simultaneous singularities of functions". <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 2014 , 12, 1491001	0.9	1
16	Interpolation of Gentle Spaces. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-9	0.7	
15	Anisotropic Two-Microlocal Spaces and Regularity. <i>Journal of Function Spaces</i> , 2014 , 2014, 1-10	0.8	1

14	Directional and Anisotropic Regularity and Irregularity Criteria in Triebel Wavelet Bases. <i>Journal of Fourier Analysis and Applications</i> , 2012 , 18, 893-914	1.1	8
13	The thermodynamic formalism for the de Rham function: increment method. <i>Izvestiya Mathematics</i> , 2012 , 76, 431-445	0.7	
12	On the gentle properties of anisotropic Besov spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2012 , 396, 21-48	1.1	3
11	WAVELET CHARACTERIZATIONS OF MULTI-DIRECTIONAL REGULARITY. <i>Fractals</i> , 2012 , 20, 245-256	3.2	3
10	Critère de régularité directionnelle. <i>Comptes Rendus Mathématique</i> , 2011 , 349, 385-389	0.4	5
9	Baire generic histograms of wavelet coefficients and large deviation formalism in Besov and Sobolev spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2009 , 349, 403-412	1.1	2
8	Multifractal formalism for selfsimilar functions associated to the λ -scale dilation family. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2004 , 136, 195-212	0.7	1
7	Multi-fractal formalism for non-self-similar functions. <i>Integral Transforms and Special Functions</i> , 2004 , 15, 189-207	1	3
6	Some Functional Equations Revisited: The Multifractal Properties. <i>Integral Transforms and Special Functions</i> , 2003 , 14, 333-348	1	9
5	Multi-Fractal Formalism for Quasi-Self-Similar Functions. <i>Journal of Statistical Physics</i> , 2002 , 108, 541-590.	0.5	11
4	Multifractal Formalism for Selfsimilar Functions Expanded in Singular Basis. <i>Applied and Computational Harmonic Analysis</i> , 2001 , 11, 387-419	3.1	15
3	Multifractal formalism and anisotropic selfsimilar functions. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 1998 , 124, 329-363	0.7	30
2	Formalisme Multifractal pour quelques généralisations des fonctions autosimilaires. <i>Comptes Rendus Mathématique</i> , 1997 , 324, 981-986		12
1	Multivariate multifractal formalism for simultaneous pointwise regularities. <i>Applicable Analysis</i> , 1-26	0.8	