Mourad Ben Slimane

List of Publications by Citations

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 formalism and anisotropic selfsimilar functions. *Mathematical Proceedings of the Cambridge Philosophical Society*, **1998**, 124, 329-363	0.7	30
30	Multifractal Formalism for Selfsimilar Functions Expanded in Singular Basis. *Applied and Computational Harmonic Analysis*, **2001**, 11, 387-419	3.1	15
29	Formalisme Multifractal pour quelques généralisations des fonctions autosimilaires. *Comptes Rendus Mathematique*, **1997**, 324, 981-986		12
28	Multi-Fractal Formalism for Quasi-Self-Similar Functions. *Journal of Statistical Physics*, **2002**, 108, 541-590	1.5	11
27	Some Functional Equations Revisited: The Multifractal Properties. *Integral Transforms and Special Functions*, **2003**, 14, 333-348	1	9
26	Directional and Anisotropic Regularity and Irregularity Criteria in Triebel Wavelet Bases. *Journal of Fourier Analysis and Applications*, **2012**, 18, 893-914	1.1	8
25	Baire Typical Results for Mixed Hölder Spectra on Product of Continuous Besov or Oscillation Spaces. *Mediterranean Journal of Mathematics*, **2016**, 13, 1513-1533	0.9	7
24	Baire generic results for the anisotropic multifractal formalism. *Revista Matematica Complutense*, **2016**, 29, 127-167	0.8	5
23	Critère de régularité directionnelle. *Comptes Rendus Mathematique*, **2011**, 349, 385-389	0.4	5
22	Mixed Wavelet Leaders Multifractal Formalism for Baire Generic Functions in a Product of Intersections of Hölder Spaces with Non-Continuous Besov Spaces. *Mediterranean Journal of Mathematics*, **2016**, 13, 5093-5118	0.9	3
21	On the gentle properties of anisotropic Besov spaces. *Journal of Mathematical Analysis and Applications*, **2012**, 396, 21-48	1.1	3
20	WAVELET CHARACTERIZATIONS OF MULTI-DIRECTIONAL REGULARITY. *Fractals*, **2012**, 20, 245-256	3.2	3
19	Multi-fractal formalism for non-self-similar functions. *Integral Transforms and Special Functions*, **2004**, 15, 189-207	1	3
18	Analysis of a Fractal Boundary: The Graph of the Knopp Function. *Abstract and Applied Analysis*, **2015**, 2015, 1-14	0.7	2
17	Baire generic histograms of wavelet coefficients and large deviation formalism in Besov and Sobolev spaces. *Journal of Mathematical Analysis and Applications*, **2009**, 349, 403-412	1.1	2
16	Pointwise Rectangular Lipschitz Regularities for Fractional Brownian Sheets and Some Sierpinski Selfsimilar Functions. *Mathematics*, **2020**, 8, 1179	2.3	2
15	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. *Fractals*, **2016**, 24, 1650039	3.2	2

List of Publications

#	Title		
14	Criteria of pointwise and uniform directional Lipschitz regularities on tensor products of Schauder functions. *Journal of Mathematical Analysis and Applications*, **2018**, 460, 496-515	1.1	2
13	Mixed Wavelet Leaders Multifractal Formalism in a Product of Critical Besov Spaces. *Mediterranean Journal of Mathematics*, **2017**, 14, 1	0.9	1
12	Addendum: "A wavelet multifractal formalism for simultaneous singularities of functions". *International Journal of Wavelets, Multiresolution and Information Processing*, **2014**, 12, 1491001	0.9	1
11	Anisotropic Two-Microlocal Spaces and Regularity. *Journal of Function Spaces*, **2014**, 2014, 1-10	0.8	1
10	Multifractal formalism for selfsimilar functions associated to the -scale dilation family. *Mathematical Proceedings of the Cambridge Philosophical Society*, **2004**, 136, 195-212	0.7	1
9	On Wavelet and Leader Wavelet Based Large Deviation Multifractal Formalisms for Non-uniform Hölder Functions. *Journal of Fourier Analysis and Applications*, **2019**, 25, 506-522	1.1	0
8	On the Baire Generic Validity of thet-Multifractal Formalism in Besov and Sobolev Spaces. *Journal of Function Spaces*, **2019**, 2019, 1-14	0.8	
7	Directional Thermodynamic Formalism. *Symmetry*, **2019**, 11, 825	2.7	
6	MULTIFRACTAL FORMALISM OF OSCILLATING SINGULARITIES FOR RANDOM WAVELET SERIES. *Fractals*, **2015**, 23, 1550005	3.2	
5	Directional Multifractal Analysis in the Lp Setting. *Journal of Function Spaces*, **2019**, 2019, 1-12	0.8	
4	Interpolation of Gentle Spaces. *Abstract and Applied Analysis*, **2014**, 2014, 1-9	0.7	
3	The thermodynamic formalism for the de Rham function: increment method. *Izvestiya Mathematics*, **2012**, 76, 431-445	0.7	
2	Multifractal Analysis of Rectangular Pointwise Regularity with Hyperbolic Wavelet Bases. *Journal of Fourier Analysis and Applications*, **2021**, 27, 1	1.1	
1	Multivariate multifractal formalism for simultaneous pointwise regularities. *Applicable Analysis*, 1-26	0.8	