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DOI: 10.1007/bf01261639

Journal of Fourier Analysis and Applications, 1999, 5, 465-494

Source: <https://exaly.com/paper-pdf/30533509/citation-report.pdf>

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112	A relationship between fractional integration and $1/\omega$ processes.		2
111	Fast and exact synthesis for 1-D fractional Brownian motion and fractional Gaussian noises. 2002 , 9, 382-384		37
110	Wavelet-based estimators of scaling behavior. 2002 , 48, 2938-2954		76
109	The Generalized Multifractional Field: A Nice Tool for the Study of the Generalized Multifractional Brownian Motion. <i>Journal of Fourier Analysis and Applications</i> , 2002 , 8, 581-602	1.1	15
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107	Almost Sure Hausdorff Dimension of Graphs of Random Wavelet Series. <i>Journal of Fourier Analysis and Applications</i> , 2003 , 9, 237-260	1.1	10
106	A Wiener-Wintner theorem for $1/f$ power spectra. 2003 , 279, 740-755		
105	Can continuous-time stationary stable processes have discrete linear representations?. <i>Statistics and Probability Letters</i> , 2003 , 64, 147-157	0.6	3
104	Approximating some Volterra type stochastic integrals with applications to parameter estimation. 2003 , 105, 1-32		21
103	A Fourier formulation of the Frostman criterion for random graphs and its applications to wavelet series. 2003 , 14, 75-82		3
102	Wavelet-based estimation of a semiparametric generalized linear model of fMRI time-series. 2003 , 22, 315-22		67
101	.		2
100	Hausdorff dimension of the graph of the Fractional Brownian Sheet. 2004 , 395-412		11
99	A series expansion of fractional Brownian motion. 2004 , 130, 39		81

98	Beyond Besov Spaces Part 1: Distributions of Wavelet Coefficients. <i>Journal of Fourier Analysis and Applications</i> , 2004 , 10, 221-246	1.1	23
97	Wavelet-Type Expansion of the Rosenblatt Process. <i>Journal of Fourier Analysis and Applications</i> , 2004 , 10, 599-634	1.1	21
96	An introduction to white-noise theory and Malliavin calculus for fractional Brownian motion. 2004 , 460, 347-372		55
95	Wavelet-based simulation of fractional Brownian motion revisited. 2005 , 19, 49-60		21
94	A synthesis of a $1/f$ process via Sobolev spaces and fractional integration. 2005 , 51, 4278-4285		2
93	From Multifractal Measures to Multifractal Wavelet Series. <i>Journal of Fourier Analysis and Applications</i> , 2005 , 11, 589-614	1.1	25
92	On the a.s. convergence of certain random series to a fractional random field in. <i>Statistics and Probability Letters</i> , 2005 , 74, 39-49	0.6	2
91	Aquifer operator scaling and the effect on solute mixing and dispersion. 2006 , 42,		47
90	How rich is the class of multifractional Brownian motions?. 2006 , 116, 200-221		60
89	Parameter Estimation in Stochastic Differential Equation Driven by Fractional Brownian Motion. 2007 ,		
88	. 2007 , 55, 1364-1378		26
87	Estimation of the Hurst parameter from discrete noisy data. 2007 , 35,		21
86	Approximation of the fractional Brownian sheet via Ornstein-Uhlenbeck sheet. 2007 , 11, 115-146		2
85	Wavelet construction of Generalized Multifractal processes. 2007 , 327-370		23
84	Bibliography. 321-327		
83	. 2007 ,		84
82	Wavelets and multiresolution analysis: Nature of Cantorian space-time. 2007 , 32, 896-910		86
81	Gaussian Stationary Processes: Adaptive Wavelet Decompositions, Discrete Approximations, and Their Convergence. <i>Journal of Fourier Analysis and Applications</i> , 2008 , 14, 203-234	1.1	15

80	Localized bases in . 2008 , 151, 20-41	4
79	Some Studies on the Structure of Covariance Matrix of Discrete-Time fBm. 2008 , 56, 4635-4650	9
78	Mathematical modeling in selected biological systems with fractional Brownian motion. 2008 ,	1
77	Estimation of anisotropic Gaussian fields through Radon transform. 2008 , 12, 30-50	14
76	Self-similar random vector fields and their wavelet analysis. 2009 ,	0
75	Analysis of Fractals, Image Compression, Entropy Encoding, Karhunen-Loève Transforms. 2009 , 108, 489-508	10
74	Type I and type II fractional Brownian motions: A reconsideration. 2009 , 53, 2089-2106	30
73	Invariances, Laplacian-like wavelet bases, and the whitening of fractal processes. 2009 , 18, 689-702	15
72	Denoising Mutation of FPRGA Based on Wavelet Decomposition. 2010 ,	
71	A wavelet analysis of the Rosenblatt process: Chaos expansion and estimation of the self-similarity parameter. 2010 , 120, 2331-2362	29
70	Adaptive wavelet decompositions of stationary time series□ 2010 , 31, 182-209	4
69	Recent Developments in Fractals and Related Fields. 2010 ,	2
68	Fractional Brownian Vector Fields. 2010 , 8, 1645-1670	12
67	Quantify effects of long range memory on predictability of complex systems. 2011 ,	
66	Uniform Convergence of Wavelet Expansions of Gaussian Random Processes. 2011 , 29, 169-184	11
65	Multiresolution Hilbert Approach to Multidimensional Gauss-Markov Processes. 2011 , 2011, 1-89	
64	Approximations of fractional Brownian motion. 2011 , 17,	15
63	Revisiting polymer statistical physics to account for the presence of long-range-correlated structural disorder in 2D DNA chains. 2011 , 34, 119	2

62	A note on approximation to multifractional Brownian motion. 2011 , 54, 2145-2154		1
61	Multi-scale coding of genomic information: From DNA sequence to genome structure and function. 2011 , 498, 45-188		91
60	Simulation of sub-Gaussian processes using wavelets. 2011 , 17,		2
59	Lacunary Fractional Brownian Motion. 2012 , 16, 352-374		2
58	Modelling NASDAQ Series by Sparse Multifractional Brownian Motion. 2012 , 14, 107-124		16
57	Convergence Rate of Wavelet Expansions of Gaussian Random Processes. 2013 , 42, 3853-3872		3
56	On the vaguelet and Riesz properties of L_2 -unbounded transformations of orthogonal wavelet bases. 2013 , 176, 94-117		
55	Mathematical Concepts. 2013 , 107-208		
54	On convergence of general wavelet decompositions of nonstationary stochastic processes. <i>Electronic Journal of Probability</i> , 2013 , 18,	1.1	3
53	Local estimation of the Hurst index of multifractional Brownian motion by increment ratio statistic method. 2013 , 17, 307-327		8
52	A Wavelet-Based Almost-Sure Uniform Approximation of Fractional Brownian Motion with a Parallel Algorithm. 2014 , 51, 1-18		1
51	Self-Similar Prior and Wavelet Bases for Hidden Incompressible Turbulent Motion. 2014 , 7, 1171-1209		7
50	Weak convergence to the fractional Brownian sheet using martingale differences. <i>Statistics and Probability Letters</i> , 2014 , 92, 72-78	0.6	5
49	Approximation of Fractional Brownian Motion by Martingales. 2014 , 16, 539-560		5
48	On the wavelet-based simulation of anomalous diffusion. 2014 , 84, 697-723		3
47	On a class of self-similar processes with stationary increments in higher order Wiener chaoses. 2014 , 124, 2415-2441		3
46	Asymptotic equivalence for regression under fractional noise. 2014 , 42,		3
45	A Wavelet-Based Almost-Sure Uniform Approximation of Fractional Brownian Motion with a Parallel Algorithm. 2014 , 51, 1-18		4

44	Wavelet Statistics of Sparse and Self-Similar Images. 2015 , 8, 2951-2975	8
43	Linear Multifractional Stable Motion: Representation via Haar basis. 2015 , 125, 1127-1147	
42	Automatic algorithm to decompose discrete paths of fractional Brownian motion into self-similar intrinsic components. 2015 , 88, 1	6
41	References. 667-682	
40	Random walks and subfractional Brownian motion. 2016 , 45, 2834-2841	3
39	Assessment and forecast of soil formation under irrigation in the steppe zone of Ukraine. 2016 , 42, 155-159	1
38	A stochastic mechanism for signal propagation in the brain: Force of rapid random fluctuations in membrane potentials of individual neurons. 2016 , 389, 225-36	3
37	Temporal variations in water quality in a brackish tidal pond: Implications for governing processes and management strategies. 2017 , 193, 108-117	8
36	Multiscale structure of time series revealed by the monotony spectrum. 2017 , 95, 033310	1
35	A useful result related with zeros of continuous compactly supported mother wavelets. 2017 , 15, 1750044	1
34	Efficiency of Authored Mixed Prediction Model with Application to the Labor Market. 2017 , 7, 46	
33	A new multifractional process with random exponent. 2018 , 7, 5-29	2
32	Fourier Series Expansion of Stochastic Measures. 2018 , 63, 318-326	
31	Monte Carlo criticality analysis of random media under bounded fluctuation driven by normal noise. 2018 , 55, 1180-1192	4
30	References. 2019 , 257-263	
29	Anisotropic functional deconvolution with long-memory noise: the case of a multi-parameter fractional Wiener sheet. 2019 , 31, 567-595	2
28	On the Almost Sure Convergence Rate for A Series Expansion of Fractional Brownian Motion. 2019 ,	0
27	The RWST, a comprehensive statistical description of the non-Gaussian structures in the ISM. 2019 , 629, A115	10

26	. 2019,	2
25	Wavelet-based simulation of random processes from certain classes with given accuracy and reliability. 2019 , 25, 217-225	
24	New interpretable statistics for large-scale structure analysis and generation. 2020 , 102,	11
23	Convergence of p-Stable Random Fractional Wavelet Series and Some of Its Properties. 2020 , 66, 5866-5874	
22	Random sub-diffusion and capture of genes by the nuclear pore reduces dynamics and coordinates interchromosomal movement.	
21	Wavelet analysis for the solution to the wave equation with fractional noise in time and white noise in space. 2021 , 25, 220-257	0
20	e-Strong Simulation of Fractional Brownian Motion and Related Stochastic Differential Equations.	1
19	Alzheimer disease diagnostics from EEG via Wishart distribution of fractional processes. 2021 , 15, 1435-1442	
18	Random sub-diffusion and capture of genes by the nuclear pore reduces dynamics and coordinates inter-chromosomal movement. 2021 , 10,	2
17	Methods from Multiscale Theory and Wavelets Applied to Nonlinear Dynamics. 2006 , 87-126	9
16	A Process Very Similar to Multifractional Brownian Motion. 2010 , 311-326	4
15	Representation Formulae for the Fractional Brownian Motion. <i>Lecture Notes in Mathematics</i> , 2011 , 3-70	10
14	Function Spaces Vs. Scaling Functions: Tools for Image Classification. <i>Springer Proceedings in Mathematics</i> , 2011 , 1-39	10
13	Wavelet Leaders in Multifractal Analysis. 2006 , 201-246	33
12	Wavelet analysis of the Besov regularity of Lévy white noise. <i>Electronic Journal of Probability</i> , 2020 , 25,	1.1 4
11	Expansions for Gaussian Processes and Parseval Frames. <i>Electronic Journal of Probability</i> , 2009 , 14,	1.1 8
10	Function Spaces Based on Wavelet Expansions. 2004 , 157-177	
9	The Rosenblatt Process. 2011 , 29-45	2

8	 2018 , 63, 389-401	0.1
7	L^p uniform random walk-type approximation for Fractional Brownian motion with Hurst exponent H <i>Electronic Communications in Probability</i> , 2020 , 25,	1
6	From the Brownian motion to a multifractal process using the Lévy-Ciesielski construction. <i>Statistics and Probability Letters</i> , 2022 , 186, 109450	0.6
5	A generative model for fBm with deep ReLU neural networks. <i>Journal of Complexity</i> , 2022 , 101667	1.2
4	Some Prevalent Sets in Multifractal Analysis: How Smooth is Almost Every Function in $T_p^\alpha(x)$. <i>Journal of Fourier Analysis and Applications</i> , 2022 , 28,	1.1
3	Slow, ordinary and rapid points for Gaussian Wavelets Series and application to Fractional Brownian Motions. 2022 , 19, 1471	1
2	Wavelet methods to study the pointwise regularity of the generalized Rosenblatt process. 2022 , 27,	0
1	Bayesian inverse problems with heterogeneous variance.	0