

List of publications of Stéphane Jaffard

Preprints

S. Jaffard, L. Liao, Q. Zhang: *Multivariate multifractal analysis of Lévy functions. Part I: Determination of multifractal spectra*

S. Jaffard, L. Liao, Q. Zhang: *Multivariate multifractal analysis of Lévy functions. Part II: Validity of the multifractal formalism*

W. Ben Nasr, H. Halconruy, S. Jaffard: *Statistics in multifractal analysis*

W. Ben Nasr, H. Halconruy, S. Jaffard: *Multifractal analysis of random wavelet series with generalized Gaussian mixture statistics*

J. Dubé, M. Foti, S. Jaffard, V. Latreille, B. Frauscher, J. Carrier, J.M. Lina: *Rhythms and Background (RnB): The Spectroscopy of Sleep Recordings*

J. Lengyel, S. Roux, O. Bonin, S. Jaffard, P. Abry: *A bivariate multifractal analysis approach to understanding the dynamics of socio-spatial segregation*

International journals

M. Dora, D. Holcman, S. Jaffard: *WQN-algorithm for EEG artifact removal in the absence of scale invariance*, To appear in Transactions on Signal Processing

C. Esser, S. Jaffard, B. Vedel: *Regularity properties of random wavelet series*, to appear in : Theory of Probability and Mathematical Statistics

J. Lengyel, S. Roux, F. Sémécurbe, S. Jaffard, P. Abry: *Roughness and intermittency within metropolitan regions: Application in three French conurbations*, Environment and Planning B: Urban Analytics and City Science, 50(3), pp. 600-620, 2023

J. Lengyel, S. Roux, F. Sémécurbe, S. Jaffard, P. Abry: *Local multifractality in urban systems-The case study of housing prices in the greater Paris region*, Journal of Physics: Complexity, Vol. 3 n. 4, 2022.

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