Sylvie Viguier-Pla

List of Publications by Year
in descending order

17 papers	114 citations	1684188 5 h-index	1281871 11 g-index
18 all docs	18 docs citations	18 times ranked	94 citing authors

#	Article	IF	Citations
1	Factor-based comparison of groups of curves. Computational Statistics and Data Analysis, 2007, 51, 4903-4910.	1.2	31
2	Structure analysis and denoising using Singular Spectrum Analysis: Application to acoustic emission signals from nuclear safety experiments. Measurement: Journal of the International Measurement Confederation, 2017, 104, 78-88.	5.0	31
3	Tensor products and statistics. Linear Algebra and Its Applications, 1994, 210, 59-88.	0.9	24
4	Clustering acoustic emission signals by mixing two stages dimension reduction and nonparametric approaches. Computational Statistics, 2019, 34, 631-652.	1.5	5
5	Which Methods and Strategies to Cope with Noise Complexity for an Effective Interpretation of Acoustic Emission Signals in Noisy Nuclear Environment?. Acta Acustica United With Acustica, 2017, 103, 903-916.	0.8	5
6	Gap between orthogonal projectorsâ€"Application to stationary processes. Journal of Multivariate Analysis, 2016, 146, 282-300.	1.0	4
7	Principal components analysis and cyclostationarity. Journal of Multivariate Analysis, 2022, 189, 104875.	1.0	3
8	Factor-based comparison ofkpopulations. Statistics, 2004, 38, 1-15.	0.6	2
9	On proximity between PCA in the frequency domain and usual PCA. Statistics, 2006, 40, 447-464.	0.6	2
10	Relation between unit operators proximity and their associated spectral measures. Statistics and Probability Letters, 2010, 80, 1724-1732.	0.7	2
11	Impact of the Test Device on Acoustic Emission Signals From Nuclear Safety Experiments: Contribution of Wave Propagation Modeling to Signal Processing. IEEE Transactions on Nuclear Science, 2018, 65, 2479-2489.	2.0	2
12	Contribution of Functional Approach to the Classification and the Identification of Acoustic Emission Source Mechanisms. Contributions To Statistics, 2017, , 251-259.	0.2	1
13	Commuter of operators in a Hilbert space. Journal of Multivariate Analysis, 2019, 170, 244-262.	1.0	1
14	Commutator of projectors and of unitary operators. Contributions To Statistics, 2017, , 67-75.	0.2	1
15	A weak characterization of real Wishart matrices by quadratic forms. Comptes Rendus Mathematique, 2016, 354, 623-627.	0.3	0
16	Proximity Between Selfadjoint Operators and Between Their Associated Random Measures. European Journal of Pure and Applied Mathematics, 2018, 11, 893-910.	0.3	0
17	Principal Components Analysis of a Cyclostationary Random Function. Contributions To Statistics, 2020, , 35-42.	0.2	0