

# ValÃ©rie Monbet

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11436805/publications.pdf>

Version: 2024-02-01

20  
papers

460  
citations

840776

11  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

481  
citing authors

#	ARTICLE	IF	CITATIONS
1	Markov-switching autoregressive models for wind time series. <i>Environmental Modelling and Software</i> , 2012, 30, 92-101.	4.5	90
2	An autoregressive model with time-varying coefficients for wind fields. <i>Environmetrics</i> , 2006, 17, 107-117.	1.4	54
3	Chalcogenide optical fibers for mid-infrared sensing. <i>Optical Engineering</i> , 2014, 53, 027101.	1.0	53
4	Fiber evanescent wave spectroscopy using the mid-infrared provides useful fingerprints for metabolic profiling in humans. <i>Journal of Biomedical Optics</i> , 2009, 14, 054033.	2.6	45
5	Mapping Bacterial Surface Population Physiology in Real-Time: Infrared Spectroscopy of <i>Proteus Mirabilis</i> Swarm Colonies. <i>Applied Spectroscopy</i> , 2006, 60, 584-591.	2.2	33
6	Non-homogeneous hidden Markov-switching models for wind time series. <i>Journal of Statistical Planning and Inference</i> , 2015, 160, 75-88.	0.6	29
7	A novel method for a fast diagnosis of septic arthritis using mid infrared and deported spectroscopy. <i>Joint Bone Spine</i> , 2016, 83, 318-323.	1.6	24
8	Sparse vector Markov switching autoregressive models. Application to multivariate time series of temperature. <i>Computational Statistics and Data Analysis</i> , 2017, 108, 40-51.	1.2	24
9	Combining Analog Method and Ensemble Data Assimilation: Application to the Lorenz-63 Chaotic System. , 2015, , 3-12.		21
10	Space-time models for moving fields with an application to significant wave height fields. <i>Environmetrics</i> , 2011, 22, 354-369.	1.4	19
11	Mid-infrared spectroscopy of serum, a promising non-invasive method to assess prognosis in patients with ascites and cirrhosis. <i>PLoS ONE</i> , 2017, 12, e0185997.	2.5	17
12	Comparison of hidden and observed regime-switching autoregressive models for (<i>u</i>,<i>v</i>)-components of wind fields in the northeastern Atlantic. <i>Advances in Statistical Climatology, Meteorology and Oceanography</i> , 2016, 2, 1-16.	0.9	16
13	Selenide and telluride glasses for mid-infrared bio-sensing. <i>Proceedings of SPIE</i> , 2014, , .	0.8	11
14	Curcumin and NCLX inhibitors share anti-tumoral mechanisms in microsatellite-instability-driven colorectal cancer. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 284.	5.4	8
15	Mid-infrared fibre evanescent wave spectroscopy of serum allows fingerprinting of the hepatic metabolic status in mice. <i>Analyst, The</i> , 2016, 141, 6259-6269.	3.5	5
16	Deep learning for statistical downscaling of sea states. <i>Advances in Statistical Climatology, Meteorology and Oceanography</i> , 2022, 8, 83-95.	0.9	5
17	L1-convergence of smoothing densities in non-parametric state space models. <i>Statistical Inference for Stochastic Processes</i> , 2008, 11, 311-325.	0.6	2
18	Gaussian mixture models for clustering and calibration of ensemble weather forecasts. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2023, 16, 309-328.	1.1	2

#	ARTICLE	IF	CITATIONS
19	Une nouvelle méthode pour le diagnostic rapide de l'arthrite septique utilisant la spectroscopie infrarouge. Revue Du Rhumatisme (Edition Francaise), 2016, 83, 295-300.	0.0	1
20	Multi-resolution B-splines data compression improves MIR spectroscopy-based Health diagnostic efficiency. Talanta Open, 2021, 4, 100063.	3.7	0