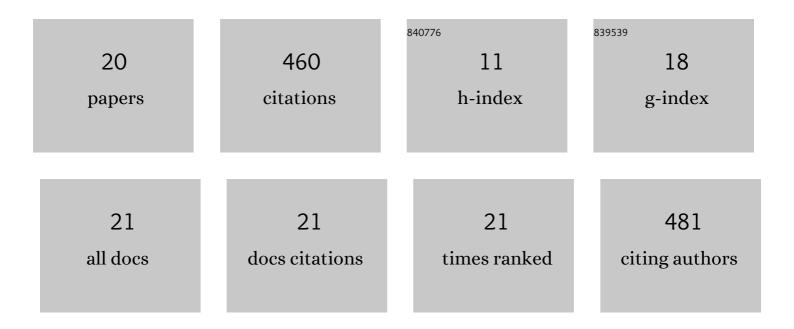
## Valérie Monbet

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Gaussian mixture models for clustering and calibration of ensemble weather forecasts. Discrete and Continuous Dynamical Systems - Series S, 2023, 16, 309-328.	1.1	2
2	Deep learning for statistical downscaling of sea states. Advances in Statistical Climatology, Meteorology and Oceanography, 2022, 8, 83-95.	0.9	5
3	Curcumin and NCLX inhibitors share anti-tumoral mechanisms in microsatellite-instability-driven colorectal cancer. Cellular and Molecular Life Sciences, 2022, 79, 284.	5.4	8
4	Multi-resolution B-splines data compression improves MIR spectroscopy-based Health diagnostic efficiency. Talanta Open, 2021, 4, 100063.	3.7	0
5	Sparse vector Markov switching autoregressive models. Application to multivariate time series of temperature. Computational Statistics and Data Analysis, 2017, 108, 40-51.	1.2	24
6	Mid-infrared spectroscopy of serum, a promising non-invasive method to assess prognosis in patients with ascites and cirrhosis. PLoS ONE, 2017, 12, e0185997.	2.5	17
7	Une nouvelle méthode pour le diagnostic rapide d'arthrite septique utilisant la spectroscopie infrarouge. Revue Du Rhumatisme (Edition Francaise), 2016, 83, 295-300.	0.0	1
8	Mid-infrared fibre evanescent wave spectroscopy of serum allows fingerprinting of the hepatic metabolic status in mice. Analyst, The, 2016, 141, 6259-6269.	3.5	5
9	A novel method for a fast diagnosis of septic arthritis using mid infrared and deported spectroscopy. Joint Bone Spine, 2016, 83, 318-323.	1.6	24
10	Comparison of hidden and observed regime-switching autoregressive models for ( <i>u</i> , <i>v</i> )-components of wind fields in the northeastern Atlantic. Advances in Statistical Climatology, Meteorology and Oceanography, 2016, 2, 1-16.	0.9	16
11	Non-homogeneous hidden Markov-switching models for wind time series. Journal of Statistical Planning and Inference, 2015, 160, 75-88.	0.6	29
12	Combining Analog Method and Ensemble Data Assimilation: Application to the Lorenz-63 Chaotic System. , 2015, , 3-12.		21
13	Chalcogenide optical fibers for mid-infrared sensing. Optical Engineering, 2014, 53, 027101.	1.0	53
14	Selenide and telluride glasses for mid-infrared bio-sensing. Proceedings of SPIE, 2014, , .	0.8	11
15	Markov-switching autoregressive models for wind time series. Environmental Modelling and Software, 2012, 30, 92-101.	4.5	90
16	Space-time models for moving fields with an application to significant wave height fields. Environmetrics, 2011, 22, 354-369.	1.4	19
17	Fiber evanescent wave spectroscopy using the mid-infrared provides useful fingerprints for metabolic profiling in humans. Journal of Biomedical Optics, 2009, 14, 054033.	2.6	45
18	L1-convergence of smoothing densities in non-parametric state space models. Statistical Inference for Stochastic Processes, 2008, 11, 311-325.	0.6	2

#	Article	IF	CITATIONS
19	Mapping Bacterial Surface Population Physiology in Real-Time: Infrared Spectroscopy of Proteus Mirabilis Swarm Colonies. Applied Spectroscopy, 2006, 60, 584-591.	2.2	33
20	An autoregressive model with time-varying coefficients for wind fields. Environmetrics, 2006, 17, 107-117.	1.4	54