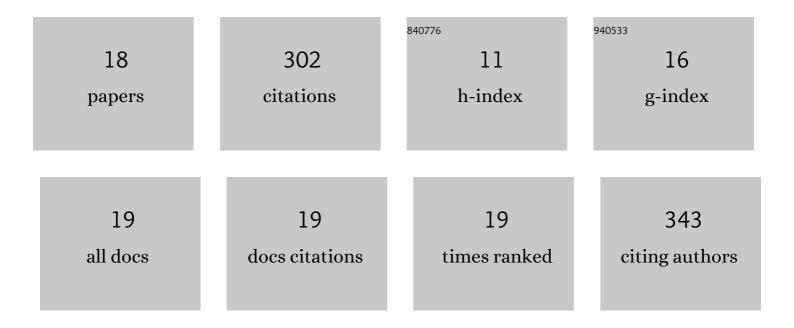
Philippe Miron

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Surface Pathways Connecting the South and North Atlantic Oceans. Geophysical Research Letters, 2022, 49, .	4.0	7
2	The lunar compass of European glass eels (<i>Anguilla anguilla</i>) increases the probability that they recruit to North Sea coasts. Fisheries Oceanography, 2021, 30, 315-330.	1.7	13
3	Transition paths of marine debris and the stability of the garbage patches. Chaos, 2021, 31, 033101.	2.5	21
4	Connectivity of theÂGulf of Mexico Continental Shelf Fish Populations and Implications of Simulated Oil Spills. , 2020, , 369-389.		8
5	Clustering of Marineâ€Debris―and <i>Sargassum</i> ‣ike Drifters Explained by Inertial Particle Dynamics. Geophysical Research Letters, 2020, 47, e2020GL089874.	4.0	17
6	A minimal Maxey–Riley model for the drift of <i>Sargassum</i> rafts. Journal of Fluid Mechanics, 2020, 904, .	3.4	18
7	Laboratory verification of the buoyancy dependence of the carrying flow in a Maxey–Riley theory for inertial ocean dynamics. Physics of Fluids, 2020, 32, 071703.	4.0	9
8	Observation and quantification of inertial effects on the drift of floating objects at the ocean surface. Physics of Fluids, 2020, 32, .	4.0	25
9	Building a Maxey–Riley framework for surface ocean inertial particle dynamics. Physics of Fluids, 2019, 31, .	4.0	27
10	Markov-chain-inspired search for MH370. Chaos, 2019, 29, 041105.	2.5	16
11	Lagrangian Geography of the Deep Gulf of Mexico. Journal of Physical Oceanography, 2019, 49, 269-290.	1.7	22
12	Connectivity of Pulley Ridge With Remote Locations as Inferred From Satelliteâ€Tracked Drifter Trajectories. Journal of Geophysical Research: Oceans, 2018, 123, 5742-5750.	2.6	19
13	Lagrangian dynamical geography of the Gulf of Mexico. Scientific Reports, 2017, 7, 7021.	3.3	46
14	Towards the detection of moving separation in unsteady flows. Journal of Fluid Mechanics, 2015, 779, 819-841.	3.4	18
15	On the flow separation in the wake of a fixed and a rotating cylinder. Chaos, 2015, 25, 087402.	2.5	8
16	On the use of the finite-time Lyapunov exponent to reveal complex flow physics in the wake of a mechanical valve. Experiments in Fluids, 2014, 55, 1.	2.4	12
17	Efficient computation of the finite-time Lyapunov exponent. , 2013, , .		0
18	Anisotropic mesh adaptation on Lagrangian Coherent Structures. Journal of Computational Physics, 2012, 231, 6419-6437.	3.8	16