Maxime Hubert

List of Publications by Year
in descending order

20	364	759233 12	794594 19
papers	citations	h-index	g-index

22	22	22	325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regimes of motion of magnetocapillary swimmers. European Physical Journal E, 2021, 44, 59.	1.6	2
2	Scallop Theorem and Swimming at the Mesoscale. Physical Review Letters, 2021, 126, 224501.	7.8	12
3	Theoretical framework for two-microswimmer hydrodynamic interactions. New Journal of Physics, 2021, 23, 073041.	2.9	6
4	Mechanical Regulation of Epithelial Tissue Homeostasis. Physical Review X, 2021, 11, .	8.9	6
5	Tunable bimodal explorations of space from memory-driven deterministic dynamics. Physical Review E, 2019, 100, 032201.	2.1	19
6	A general perturbative approach for bead-based microswimmers reveals rich self-propulsion phenomena. New Journal of Physics, 2019, 21, 113017.	2.9	8
7	Capillary assemblies in a rotating magnetic field. Soft Matter, 2019, 15, 9093-9103.	2.7	11
8	Optimal motion of triangular magnetocapillary swimmers. Journal of Chemical Physics, 2019, 151, 124707.	3.0	12
9	Magnetocapillary self-assemblies: Locomotion and micromanipulation along a liquid interface. Advances in Colloid and Interface Science, 2018, 255, 84-93.	14.7	33
10	Surface swimmers, harnessing the interface to self-propel. European Physical Journal E, 2018, 41, 137.	1.6	20
11	Self-propulsion and crossing statistics under random initial conditions. Physical Review E, 2017, 95, 062607.	2.1	13
12	Walking droplets in linear channels. Physical Review Fluids, 2017, 2, .	2.5	15
13	Realization of the Najafi-Golestanian microswimmer. Physical Review E, 2016, 94, 021101.	2.1	62
14	Statics and dynamics of magnetocapillary bonds. Physical Review E, 2016, 93, 053117.	2.1	14
15	Scattering theory of walking droplets in the presence of obstacles. New Journal of Physics, 2016, 18, 113037.	2.9	13
16	Strings of droplets propelled by coherent waves. Physical Review E, 2015, 92, 041004.	2.1	26
17	Remote control of self-assembled microswimmers. Scientific Reports, 2015, 5, 16035.	3.3	57
18	Resonant and antiresonant bouncing droplets. Physical Review E, 2015, 91, 023017.	2.1	13

#	Article	IF	Citations
19	Bouncing dynamics of a spring. Physica D: Nonlinear Phenomena, 2014, 272, 1-7.	2.8	19
20	Scattering theory of walking droplets in the presence of obstacles. , 0, , .		2