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	Realization of the Najafi-Golestanian microswimmer. Physical Review E, 2016, 94, 021101.	2.1	62
2	Remote control of self-assembled microswimmers. Scientific Reports, 2015, 5, 16035.	3.3	57
3	Magnetocapillary self-assemblies: Locomotion and micromanipulation along a liquid interface. Advances in Colloid and Interface Science, 2018, 255, 84-93.	14.7	33
4	Strings of droplets propelled by coherent waves. Physical Review E, 2015, 92, 041004.	2.1	26
5	Surface swimmers, harnessing the interface to self-propel. European Physical Journal E, 2018, 41, 137.	1.6	20
6	Bouncing dynamics of a spring. Physica D: Nonlinear Phenomena, 2014, 272, 1-7.	2.8	19
7	Tunable bimodal explorations of space from memory-driven deterministic dynamics. Physical Review E, 2019, 100, 032201.	2.1	19
8	Walking droplets in linear channels. Physical Review Fluids, 2017, 2, .	2.5	15
9	Statics and dynamics of magnetocapillary bonds. Physical Review E, 2016, 93, 053117.	2.1	14
10	Resonant and antiresonant bouncing droplets. Physical Review E, 2015, 91, 023017.	2.1	13
11	Scattering theory of walking droplets in the presence of obstacles. New Journal of Physics, 2016, 18, 113037.	2.9	13
12	Self-propulsion and crossing statistics under random initial conditions. Physical Review E, 2017, 95, 062607.	2.1	13
13	Optimal motion of triangular magnetocapillary swimmers. Journal of Chemical Physics, 2019, 151, 124707.	3.0	12
14	Scallop Theorem and Swimming at the Mesoscale. Physical Review Letters, 2021, 126, 224501.	7.8	12
15	Capillary assemblies in a rotating magnetic field. Soft Matter, 2019, 15, 9093-9103.	2.7	11
16	A general perturbative approach for bead-based microswimmers reveals rich self-propulsion phenomena. New Journal of Physics, 2019, 21, 113017.	2.9	8
17	Theoretical framework for two-microswimmer hydrodynamic interactions. New Journal of Physics, 2021, 23, 073041.	2.9	6
18	Mechanical Regulation of Epithelial Tissue Homeostasis. Physical Review X, 2021, 11, .	8.9	6

#	Article	IF	Citations
19	Regimes of motion of magnetocapillary swimmers. European Physical Journal E, 2021, 44, 59.	1.6	2
20	Scattering theory of walking droplets in the presence of obstacles. , 0, , .		2