Maciej Lisicki

List of Publications by Year in descending order

26	499	566801 15	676716 22
papers	citations	h-index	g-index

27	27	27	458
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the effect of morphology and particle-wall interaction on colloidal near-wall dynamics. Soft Matter, 2021, 17, 10301-10311.	1.2	2
2	Stability of sedimenting flexible loops. Journal of Fluid Mechanics, 2021, 919, .	1.4	4
3	The bank of swimming organisms at the micron scale (BOSO-Micro). PLoS ONE, 2021, 16, e0252291.	1.1	22
4	Rechargeable self-assembled droplet microswimmers driven by surface phase transitions. Nature Physics, 2021, 17, 1050-1055.	6.5	23
5	Hydrodynamic effects in the capture of rod-like molecules by a nanopore. Journal of Physics Condensed Matter, 2021, 33, 104005.	0.7	2
6	Towards an analytical description of active microswimmers in clean and in surfactant-covered drops. European Physical Journal E, 2020, 43, 58.	0.7	17
7	Tuning the Upstream Swimming of Microrobots by Shape and Cargo Size. Physical Review Applied, 2020, 14, .	1.5	11
8	Light-switchable propulsion of active particles with reversible interactions. Nature Communications, 2020, 11, 2628.	5.8	55
9	Dynamics of a microswimmerâ€“microplatelet composite. Physics of Fluids, 2020, 32, 021902.	1.6	11
10	Swimming eukaryotic microorganisms exhibit a universal speed distribution. ELife, 2019, 8, .	2.8	28
11	Swimming trajectories of a three-sphere microswimmer near a wall. Journal of Chemical Physics, 2018, 148, 134904.	1.2	35
12	Autophoretic motion in three dimensions. Soft Matter, 2018, 14, 3304-3314.	1.2	42
13	Slow rotation of a spherical particle inside an elastic tube. Acta Mechanica, 2018, 229, 149-171.	1.1	15
14	Hydrodynamic coupling and rotational mobilities near planar elastic membranes. Journal of Chemical Physics, 2018, 149, 014901.	1.2	15
15	State diagram of a three-sphere microswimmer in a channel. Journal of Physics Condensed Matter, 2018, 30, 254004.	0.7	27
16	The non-Gaussian tops and tails of diffusing boomerangs. Soft Matter, 2017, 13, 2977-2982.	1.2	7
17	Mobility of an axisymmetric particle near an elastic interface. Journal of Fluid Mechanics, 2017, 811, 210-233.	1.4	28
18	Hydrodynamic mobility of a sphere moving on the centerline of an elastic tube. Physics of Fluids, 2017, 29, 111901.	1.6	15

#	Article	IF	Citations
19	Hydrodynamic mobility of a solid particle near a spherical elastic membrane. II. Asymmetric motion. Physical Review E, 2017, 95, 053117.	0.8	13
20	Near-wall diffusion tensor of an axisymmetric colloidal particle. Journal of Chemical Physics, 2016, 145, 034904.	1.2	24
21	Phoretic flow induced by asymmetric confinement. Journal of Fluid Mechanics, 2016, 799, .	1.4	5
22	Colloidal Hydrodynamics and Interfacial Effects. Lecture Notes in Physics, 2016, , 313-386.	0.3	5
23	Near-wall dynamics of concentrated hard-sphere suspensions: comparison of evanescent wave DLS experiments, virial approximation and simulations. Soft Matter, 2015, 11, 7316-7327.	1.2	8
24	Translational and rotational near-wall diffusion of spherical colloids studied by evanescent wave scattering. Soft Matter, 2014, 10, 4312.	1.2	31
25	One-particle correlation function in evanescent wave dynamic light scattering. Journal of Chemical Physics, 2012, 136, 204704.	1.2	20
26	Rotational Diffusion of Spherical Colloids Close to a Wall. Physical Review Letters, 2012, 109, 098305.	2.9	33