Kento Yasuda

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9941568/publications.pdf

Version: 2024-02-01

22	185	1040056	1125743
papers	citations	9 h-index	13 g-index

22	22	22	77
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nonequilibrium probability flux of a thermally driven micromachine. Physical Review E, 2019, 100, 022607.	2.1	16
2	Self-organized swimming with odd elasticity. Physical Review E, 2022, 105, .	2.1	16
3	Elastic Three-Sphere Microswimmer in a Viscous Fluid. Journal of the Physical Society of Japan, 2017, 86, 093801.	1.6	14
4	Anomalous diffusion in viscoelastic media with active force dipoles. Physical Review E, 2017, 95, 032417.	2.1	13
5	Lateral diffusion induced by active proteins in a biomembrane. Physical Review E, 2017, 95, 052407.	2.1	13
6	Thermally Driven Elastic Micromachines. Journal of the Physical Society of Japan, 2017, 86, 113801.	1.6	12
7	Localization and diffusion of tracer particles in viscoelastic media with active force dipoles. Europhysics Letters, 2017, 117, 38001.	2.0	11
8	Odd Microswimmer. Journal of the Physical Society of Japan, 2021, 90, 075001.	1.6	11
9	Reciprocal microswimmers in a viscoelastic fluid. Physics of Fluids, 2020, 32, .	4.0	10
10	Hydrodynamic Interaction between Two Elastic Microswimmers. Journal of the Physical Society of Japan, 2019, 88, 054804.	1.6	9
11	The Onsagerâ€“Machlup Integral for Non-Reciprocal Systems with Odd Elasticity. Journal of the Physical Society of Japan, 2022, 91, .	1.6	9
12	Swimmer-Microrheology. Journal of the Physical Society of Japan, 2017, 86, 043801.	1.6	8
13	Nonreciprocality of a micromachine driven by a catalytic chemical reaction. Physical Review E, 2021, 103, 062113.	2.1	8
14	Dynamics of two-component membranes surrounded by viscoelastic media. Journal of Physics Condensed Matter, 2015, 27, 432001.	1.8	6
15	Three-disk microswimmer in a supported fluid membrane. Physical Review E, 2018, 97, 052612.	2.1	6
16	Irreversibility and entropy production of a thermally driven micromachine. Physica A: Statistical Mechanics and Its Applications, 2021, 562, 125277.	2.6	6
17	Dynamics of a membrane interacting with an active wall. Physical Review E, 2016, 93, 052407.	2.1	4
18	A three-sphere microswimmer in a structured fluid. Europhysics Letters, 2018, 123, 34002.	2.0	4

#	Article	IF	Citations
19	Autonomous elastic microswimmer. Europhysics Letters, 2021, 133, 34001.	2.0	3
20	Dynamics of a bilayer membrane with membrane-solvent partial slip boundary conditions. Soft Materials, 2018, 16, 186-191.	1.7	2
21	Thermal and active fluctuations of a compressible bilayer vesicle. Journal of Physics Condensed Matter, 2018, 30, 175101.	1.8	2
22	Dynamics of a membrane coupled to an active fluid. Physical Review E, 2020, 101, 042601.	2.1	2