

Yan-Hom Li

List of Publications by Year in descending order

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133
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Rosensweig instability in a ferrofluid layer on reflection loss of a high-frequency electromagnetic wave. <i>AIP Advances</i> , 2022, 12, 045221.	1.3	2
2	Studying the Effect of Electrode Material and Magnetic Field on Hydrogen Production Efficiency. <i>Magnetochemistry</i> , 2022, 8, 53.	2.4	7
3	The dynamics of a planar beating micro-swimmer constructed using functional fluid. <i>Journal of Intelligent Material Systems and Structures</i> , 2021, 32, 1358-1367.	2.5	2
4	Enhancement for magnetic field strength of a magnetohydrodynamic thruster consisting of permanent magnets. <i>AIP Advances</i> , 2021, 11, 015008.	1.3	2
5	The effect of magnetic field on the dynamics of gas bubbles in water electrolysis. <i>Scientific Reports</i> , 2021, 11, 9346.	3.3	28
6	Propulsion Mechanism of Flexible Microbead Swimmers in the Low Reynolds Number Regime. <i>Micromachines</i> , 2020, 11, 1107.	2.9	2
7	Flexibility of undulating magnetic microbeads swimmers. <i>AIP Advances</i> , 2019, 9, 125232.	1.3	1
8	Flexible mechanism of magnetic microbeads chains in an oscillating field. <i>AIP Advances</i> , 2018, 8, 056727.	1.3	2
9	Flexibility of Micromagnetic Flagella in the Presence of an Oscillating Field. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-5.	2.1	8
10	Magnetic microchains and microswimmers in an oscillating magnetic field. <i>Biomicrofluidics</i> , 2016, 10, 011902.	2.4	15
11	Self-assembly and novel planetary motion of ferrofluid drops in a rotational magnetic field. <i>Microfluidics and Nanofluidics</i> , 2015, 18, 795-806.	2.2	17
12	Structural instability of an oscillating superparamagnetic micro-bead chain. <i>Microfluidics and Nanofluidics</i> , 2014, 17, 73-84.	2.2	13
13	Trajectory shift of magnetic microchains in an oscillating field. <i>Microfluidics and Nanofluidics</i> , 2013, 14, 831-838.	2.2	14
14	Steering of Magnetic Micro-Swimmers. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 4120-4123.	2.1	17
15	Manipulations of vibrating micro magnetic particle chains. <i>Journal of Applied Physics</i> , 2012, 111, 07A924.	2.5	17
16	Dynamics of a microchain of superparamagnetic beads in an oscillating field. <i>Microfluidics and Nanofluidics</i> , 2012, 13, 579-588.	2.2	19