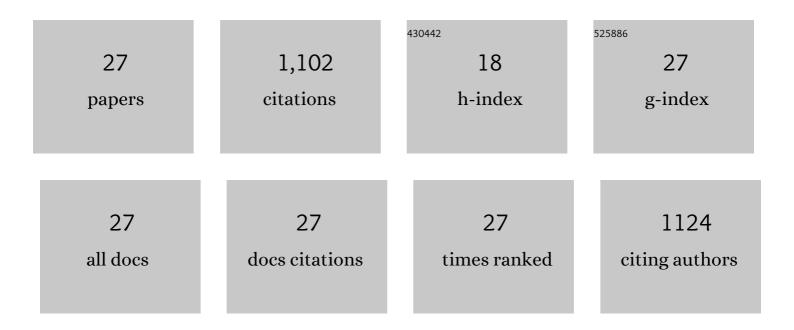
## Gaojin Li

List of Publications by Year in descending order

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CAOUNTL

#	Article	IF	CITATIONS
1	Electroconvection near an ion-selective surface with Butler–Volmer kinetics. Journal of Fluid Mechanics, 2022, 930, .	1.4	10
2	Swimming dynamics of a self-propelled droplet. Journal of Fluid Mechanics, 2022, 934, .	1.4	14
3	Suppression of dendrite growth by cross-flow in microfluidics. Science Advances, 2021, 7, .	4.7	27
4	Suppression of electroconvective and morphological instabilities by an imposed cross flow of the electrolyte. Physical Review Fluids, 2021, 6, .	1.0	8
5	Structure and Dynamics of Electric-Field-Driven Convective Flows at the Interface between Liquid Electrolytes and Ion-Selective Membranes. Langmuir, 2021, 37, 5895-5901.	1.6	6
6	Microswimming in viscoelastic fluids. Journal of Non-Newtonian Fluid Mechanics, 2021, 297, 104655.	1.0	47
7	Ultrathin zwitterionic polymeric interphases for stable lithium metal anodes. Matter, 2021, 4, 3753-3773.	5.0	35
8	Electrophoresis in dilute polymer solutions. Journal of Fluid Mechanics, 2020, 884, .	1.4	17
9	Structure, Rheology, and Electrokinetics of Soft Colloidal Suspension Electrolytes. Langmuir, 2020, 36, 9047-9053.	1.6	4
10	Designing Polymeric Interphases for Stable Lithium Metal Deposition. Nano Letters, 2020, 20, 5749-5758.	4.5	23
11	Spontaneous and field-induced crystallographic reorientation of metal electrodeposits at battery anodes. Science Advances, 2020, 6, eabb1122.	4.7	143
12	Electrodeposition of Zinc in Aqueous Electrolytes Containing High Molecular Weight Polymers. Macromolecules, 2020, 53, 2694-2701.	2.2	23
13	Electroconvection in a Viscoelastic Electrolyte. Physical Review Letters, 2019, 122, 124501.	2.9	48
14	Stabilizing electrochemical interfaces in viscoelastic liquid electrolytes. Science Advances, 2018, 4, eaao6243.	4.7	81
15	Electroconvection and Morphological Instabilities in Potentiostatic Electrodeposition across Liquid Electrolytes with Polymer Additives. Journal of the Electrochemical Society, 2018, 165, A3697-A3713.	1.3	24
16	Reduced viscosity for flagella moving in a solution of long polymer chains. Physical Review Fluids, 2018, 3, .	1.0	16
17	Near wall motion of undulatory swimmers in non-Newtonian fluids. European Journal of Computational Mechanics, 2017, 26, 44-60.	0.6	11
18	Collective Motion of Microorganisms in a Viscoelastic Fluid. Physical Review Letters, 2016, 117, 118001.	2.9	56

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#	Article	IF	CITATIONS
19	Hydrodynamic interaction of swimming organisms in an inertial regime. Physical Review E, 2016, 94, 053104.	0.8	46
20	Undulatory swimming in non-Newtonian fluids. Journal of Fluid Mechanics, 2015, 784, .	1.4	51
21	Dynamics of particle migration in channel flow of viscoelastic fluids. Journal of Fluid Mechanics, 2015, 785, 486-505.	1.4	96
22	Dynamic performance and wake structure of flapping plates with different shapes. Acta Mechanica Sinica/Lixue Xuebao, 2014, 30, 800-808.	1.5	8
23	Hydrodynamic interaction of microswimmers near a wall. Physical Review E, 2014, 90, 013010.	0.8	134
24	Effect of solid boundaries on swimming dynamics of microorganisms in a viscoelastic fluid. Rheologica Acta, 2014, 53, 911-926.	1.1	59
25	Force and power of flapping plates in a fluid. Journal of Fluid Mechanics, 2012, 712, 598-613.	1.4	67
26	Numerical Studies on Locomotion Perfromance of Fishlike Tail Fins. Journal of Hydrodynamics, 2012, 24, 488-495.	1.3	29
27	LATTICE BOLTZMANN STUDY OF ELECTROHYDRODYNAMIC DROP DEFORMATION WITH LARGE DENSITY RATIO. International Journal of Modern Physics C, 2011, 22, 729-744.	0.8	19