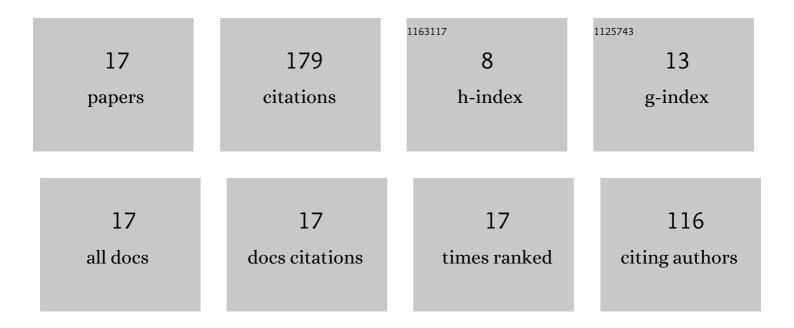
Lin Ren

List of Publications by Year in descending order

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LIN REN

#	Article	IF	CITATIONS
1	Photophobic and phototropic movement of a self-oscillating gel. Chemical Communications, 2013, 49, 7690.	4.1	49
2	Autonomous reciprocating migration of an active material. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8704-8709.	7.1	23
3	Retrograde and Direct Wave Locomotion in a Photosensitive Selfâ€Oscillating Gel. Angewandte Chemie - International Edition, 2016, 55, 14301-14305.	13.8	20
4	Experimental, numerical, and mechanistic analysis of the nonmonotonic relationship between oscillatory frequency and photointensity for the photosensitive Belousov–Zhabotinsky oscillator. Chaos, 2015, 25, 064607.	2.5	17
5	Chemomechanical origin of directed locomotion driven by internal chemical signals. Science Advances, 2020, 6, eaaz9125.	10.3	16
6	Multiple Length Scale Instabilities of Unidirectional Pulse Propagation in a Diffusion-Fed Gel. Journal of Physical Chemistry Letters, 2013, 4, 3891-3896.	4.6	9
7	Retrograde and Direct Wave Locomotion in a Photosensitive Selfâ€Oscillating Gel. Angewandte Chemie, 2016, 128, 14513-14517.	2.0	9
8	Lightâ€Modulated Intermittent Wave Groups in a Diffusively Fed Reactive Gel. Angewandte Chemie - International Edition, 2016, 55, 4988-4991.	13.8	9
9	Programmed Locomotion of an Active Gel Driven by Spiral Waves. Angewandte Chemie - International Edition, 2020, 59, 7106-7112.	13.8	5
10	Rotational Locomotion of an Active Gel Driven by Internal Chemical Signals. Journal of Physical Chemistry Letters, 2021, 12, 11987-11991.	4.6	5
11	Effect of Reaction Parameters on the Wavelength of Pulse Waves in the Belousov–Zhabotinsky Reaction–Diffusion System. Journal of Physical Chemistry A, 2019, 123, 9292-9297.	2.5	4
12	Programmed Locomotion of an Active Gel Driven by Spiral Waves. Angewandte Chemie, 2020, 132, 7172-7178.	2.0	3
13	Capillarity-Induced Propagation Reversal of Chemical Waves in a Self-oscillating Gel. Journal of Physical Chemistry A, 2020, 124, 3530-3534.	2.5	3
14	Heterogeneity-driven collective-motion patterns of active gels. Cell Reports Physical Science, 2022, 3, 100933.	5.6	3
15	Lightâ€Modulated Intermittent Wave Groups in a Diffusively Fed Reactive Gel. Angewandte Chemie, 2016, 128, 5072-5075.	2.0	2
16	Nanogel Crosslinking-Based Belousov–Zhabotinsky Self-Oscillating Polyacrylamide Gel with Improved Mechanical Properties and Fast Oscillatory Response. Journal of Physical Chemistry B, 2022, 126, 1108-1114.	2.6	2
17	Periodic Transition between Breathing Spots and Synchronous Sulfur Deposition/Dissolution in Transpassive Region of the Electroâ€Oxidation of Sulfide on Platinum. ChemElectroChem, 2017, 4, 2075-2078.	3.4	0