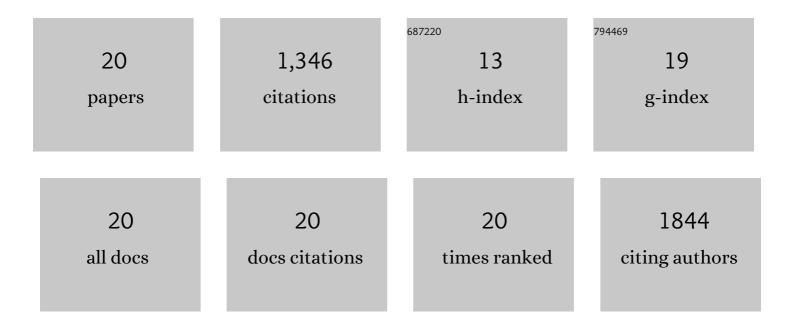
## Shang Yik Reigh

List of Publications by Year in descending order

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SHANC YIK REICH

#	Article	IF	CITATIONS
1	Structured light enables biomimetic swimming and versatile locomotion of photoresponsive softÂmicrorobots. Nature Materials, 2016, 15, 647-653.	13.3	757
2	Synchronization and bundling of anchored bacterial flagella. Soft Matter, 2012, 8, 4363.	1.2	111
3	Chemistry in Motion: Tiny Synthetic Motors. Accounts of Chemical Research, 2014, 47, 3504-3511.	7.6	77
4	Synchronization, Slippage, and Unbundling of Driven Helical Flagella. PLoS ONE, 2013, 8, e70868.	1.1	61
5	Concentration Dependence of Ring Polymer Conformations from Monte Carlo Simulations. ACS Macro Letters, 2013, 2, 296-300.	2.3	48
6	Catalytic dimer nanomotors: continuum theory and microscopic dynamics. Soft Matter, 2015, 11, 3149-3158.	1.2	48
7	Chemical micromotors self-assemble and self-propel by spontaneous symmetry breaking. Chemical Communications, 2018, 54, 11933-11936.	2.2	44
8	Autophoretic motion in three dimensions. Soft Matter, 2018, 14, 3304-3314.	1.2	42
9	Swimming with a cage: low-Reynolds-number locomotion inside a droplet. Soft Matter, 2017, 13, 3161-3173.	1.2	27
10	Monte arlo Method for Simulations of Ring Polymers in the Melt. Macromolecular Rapid Communications, 2009, 30, 345-351.	2.0	26
11	Diffusiophoretically induced interactions between chemically active and inert particles. Soft Matter, 2018, 14, 6043-6057.	1.2	24
12	Microscopic and continuum descriptions of Janus motor fluid flow fields. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20160140.	1.6	21
13	Effect of an external electric field on the diffusion-influenced reversible reaction of a neutral particle and a charged particle in three dimensions. Journal of Chemical Physics, 2008, 129, 234501.	1.2	17
14	Two-fluid model for locomotion under self-confinement. Physical Review Fluids, 2017, 2, .	1.0	13
15	Effect of an external field on the reversible reaction of a neutral particle and a charged particle in three dimensions. II. Excited-state reaction. Journal of Chemical Physics, 2010, 132, 164112.	1.2	10
16	Active rotational dynamics of a self-diffusiophoretic colloidal motor. Soft Matter, 2020, 16, 1236-1245.	1.2	9
17	Direct Calculation Method for Excited-state Diffusion-influenced Reversible Reactions with an External Field. Bulletin of the Korean Chemical Society, 2012, 33, 1015-1019.	1.0	6
18	Effect of an external electric field on the diffusion-influenced geminate reversible reaction of a neutral particle and a charged particle in three dimensions. III. Ground-state ABCD reaction. Journal of Chemical Physics, 2013, 139, 194107.	1.2	4

#	Article	IF	CITATIONS
19	Effect of an external electric field on the diffusion-influenced geminate reversible reaction of a neutral particle and a charged particle in three dimensions. IV. Excited-state ABCD reaction. Journal of Chemical Physics, 2014, 140, 064502.	1.2	1
20	Multiple external field effects on diffusion-limited reversible reactions for a geminate pair with no interparticle interactions. Journal of Chemical Physics, 2015, 143, 084118.	1.2	0