

# Shuang Zhou

## List of Publications by Year in descending order

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15  
papers

975  
citations

759233

12  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Living liquid crystals. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1265-1270.	7.1	330
2	Elasticity of Lyotropic Chromonic Liquid Crystals Probed by Director Reorientation in a Magnetic Field. Physical Review Letters, 2012, 109, 037801.	7.8	120
3	Elasticity, viscosity, and orientational fluctuations of a lyotropic chromonic nematic liquid crystal disodium cromoglycate. Soft Matter, 2014, 10, 6571-6581.	2.7	114
4	Direct observation of liquid crystals using cryo-TEM: Specimen preparation and low-dose imaging. Microscopy Research and Technique, 2014, 77, 754-772.	2.2	85
5	Organic liquid-crystal devices based on ionic conductors. Materials Horizons, 2017, 4, 1102-1109.	12.2	76
6	Dynamic states of swimming bacteria in a nematic liquid crystal cell with homeotropic alignment. New Journal of Physics, 2017, 19, 055006.	2.9	50
7	Fine structure of the topological defect cores studied for disclinations in lyotropic chromonic liquid crystals. Nature Communications, 2017, 8, 14974.	12.8	49
8	Light-Driven Reversible Alignment Switching of Liquid Crystals Enabled by Azo Thiol Grafted Gold Nanoparticles. ChemPhysChem, 2015, 16, 1852-1856.	2.1	47
9	Individual behavior and pairwise interactions between microswimmers in anisotropic liquid. Physical Review E, 2015, 91, 013009.	2.1	43
10	Ionic-content dependence of viscoelasticity of the lyotropic chromonic liquid crystal sunset yellow. Physical Review E, 2014, 90, 042505.	2.1	26
11	Lyotropic Chromonic Liquid Crystals. Springer Theses, 2017, , .	0.1	16
12	Recent progresses in lyotropic chromonic liquid crystal research: elasticity, viscosity, defect structures, and living liquid crystals. Liquid Crystals Today, 2018, 27, 91-108.	2.3	15
13	Elasticity, Viscosity, and Orientational Fluctuations of a Lyotropic Chromonic Nematic Liquid Crystal Disodium Cromoglycate. Springer Theses, 2017, , 51-75.	0.1	2
14	Ionic-Content Dependence of Viscoelasticity of the Lyotropic Chromonic Liquid Crystal Sunset Yellow. Springer Theses, 2017, , 33-49.	0.1	1
15	Living Liquid Crystals. Springer Theses, 2017, , 77-92.	0.1	1