

Shuang Zhou

List of Publications by Year in descending order

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15
papers

975
citations

759233

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996975

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all docs

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docs citations

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times ranked

1151
citing authors

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