

Yaochen Lin

List of Publications by Year in descending order

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7
papers

115
citations

1478505

6
h-index

1720034

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g-index

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all docs

7
docs citations

7
times ranked

197
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative study of nematic liquid crystals doped with harvested and non-harvested ferroelectric nanoparticles: phase transitions and dielectric properties. RSC Advances, 2017, 7, 35438-35444.	3.6	30
2	Single-Step Preparation of TiO ₂ /MWCNT Nanohybrid Materials by Laser Pyrolysis and Application to Efficient Photovoltaic Energy Conversion. ACS Applied Materials & Interfaces, 2015, 7, 51-56.	8.0	27
3	Electric field effects on phase transitions in the 8CB liquid crystal doped with ferroelectric nanoparticles. Physical Review E, 2016, 93, 062702.	2.1	16
4	On the phase transitions of 8CB/Sn ₂ P ₂ S ₆ liquid crystal nanocolloids. European Physical Journal E, 2015, 38, 103.	1.6	15
5	Orientation of 4-n-octyl-4'-cyanobiphenyl molecules on graphene oxide surface via electron-phonon interaction and its applications in nonlinear electronics. Journal of Materials Chemistry C, 2019, 7, 2734-2743.	5.5	14
6	Correlation between dielectric properties and phase transitions of 8CB/Sn ₂ P ₂ S ₆ liquid crystal nanocolloids. Journal of Molecular Liquids, 2017, 232, 123-129.	4.9	11
7	Electronic and ionic ambipolar transports in the isotropic, SmA, SmB and crystalline phases of a liquid crystal. Journal of Molecular Liquids, 2017, 240, 564-569.	4.9	2