

# Chao Li

## List of Publications by Year in descending order

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11  
papers

395  
citations

1040056

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1281871

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g-index

11  
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docs citations

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times ranked

739  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Visualization of Thermal Conductivity Suppression Due to Enhanced Phonon Scattering Near Individual Grain Boundaries. <i>Nano Letters</i> , 2018, 18, 3466-3472.	9.1	74
2	Achieving High Efficiency in Solution-Processed Perovskite Solar Cells Using C <sub>60</sub> /C <sub>70</sub> Mixed Fullerenes. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 39590-39598.	8.0	67
3	Novel Strategy for One-Pot Synthesis of Gold Nanoplates on Carbon Nanotube Sheet As an Effective Flexible SERS Substrate. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 6246-6254.	8.0	60
4	Probing Growth-Induced Anisotropic Thermal Transport in High-Quality CVD Diamond Membranes by Multifrequency and Multiple-Spot-Size Time-Domain Thermoreflectance. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 4808-4815.	8.0	52
5	Tunable Thermal Energy Transport across Diamond Membranes and Diamond-Si Interfaces by Nanoscale Graphoepitaxy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 18517-18527.	8.0	49
6	Graphene template-induced growth of single-crystalline gold nanobelts with high structural tunability. <i>Nanoscale</i> , 2018, 10, 2764-2773.	5.6	28
7	Phonon scattering effects from point and extended defects on thermal conductivity studied via ion irradiation of crystals with self-impurities. <i>Physical Review Materials</i> , 2018, 2, .	2.4	22
8	Defect-induced instability mechanisms of sputtered amorphous indium tin zinc oxide thin-film transistors. <i>Journal of Applied Physics</i> , 2018, 123, .	2.5	19
9	Kinetics of Zr-Al intermetallic compound formation during ultra-high vacuum magnetron sputter-deposition of Zr/Al <sub>2</sub> O <sub>3</sub> (0001) thin films. <i>Acta Materialia</i> , 2018, 152, 34-40.	7.9	12
10	Deep-level defect distribution as a function of oxygen partial pressure in sputtered ZnO thin-film transistors. <i>Current Applied Physics</i> , 2016, 16, 1369-1373.	2.4	6
11	Influence of ultra-low ethylene partial pressure on microstructural and compositional evolution of sputter-deposited Zr-C thin films. <i>Surface and Coatings Technology</i> , 2020, 398, 126053.	4.8	6