

Shilong Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Recent Advances in Structure Separation of Single-Wall Carbon Nanotubes and Their Application in Optics, Electronics, and Optoelectronics. <i>Advanced Science</i> , 2022, 9, e2200054.	11.2	39
2	Photoluminescence Quantum Yield of Single-Wall Carbon Nanotubes Corrected for the Photon Reabsorption Effect. <i>Nano Letters</i> , 2020, 20, 410-417.	9.1	33
3	Quantitative analysis of the intertube coupling effect on the photoluminescence characteristics of distinct (n, m) carbon nanotubes dispersed in solution. <i>Nano Research</i> , 2020, 13, 1149-1155.	10.4	5
4	Quantitative analysis of the effect of reabsorption on the Raman spectroscopy of distinct (n , m) carbon nanotubes. <i>Nano Research</i> , 2020, 13, 1149-1155.	10.4	5
5	Mode-splitting based optofluidic sensing at exceptional points in tubular microcavities. <i>Optics Communications</i> , 2019, 446, 128-133.	2.1	5
6	On-Chip Rolling Design for Controllable Strain Engineering and Enhanced Photon-Phonon Interaction in Graphene. <i>Small</i> , 2019, 15, e1805477.	10.0	15
7	Mass Production of High-Purity Semiconducting Carbon Nanotubes by Hydrochloric Acid Assisted Gel Chromatography. <i>ACS Applied Nano Materials</i> , 2019, 2, 343-350.	5.0	17
8	Asymmetrically Curved Hyperbolic Metamaterial Structure with Gradient Thicknesses for Enhanced Directional Spontaneous Emission. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7704-7708.	8.0	13
9	Selected and Enhanced Single Whispering-Gallery Mode Emission from a Mesostructured Nanomembrane Microcavity. <i>Nano Letters</i> , 2018, 18, 8035-8040.	9.1	19
10	Structure Sorting of Large-Diameter Carbon Nanotubes by NaOH Tuning the Interactions between Nanotubes and Gel. <i>Advanced Functional Materials</i> , 2017, 27, 1700278.	14.9	25
11	Semi-analytical calculation of resonant modes in axially asymmetric microtube resonators. <i>Optics Communications</i> , 2017, 386, 72-76.	2.1	6
12	Modulation of high quality factors in rolled-up microcavities. <i>Physical Review A</i> , 2016, 94, .	2.5	19
13	Self-rolling and light-trapping in flexible quantum well-embedded nanomembranes for wide-angle infrared photodetectors. <i>Science Advances</i> , 2016, 2, e1600027.	10.3	65