

Xiaoyan Wu

List of Publications by Year in descending order

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17
papers

857
citations

933447

10
h-index

888059

17
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17
all docs

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docs citations

17
times ranked

1588
citing authors

#	ARTICLE	IF	CITATIONS
1	Amorphous monodispersed hard carbon micro-spherules derived from biomass as a high performance negative electrode material for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 71-77.	10.3	432
2	Unraveling the storage mechanism in organic carbonyl electrodes for sodium-ion batteries. <i>Science Advances</i> , 2015, 1, e1500330.	10.3	170
3	A spray drying approach for the synthesis of a $\text{Na}_2\text{C}_6\text{H}_2\text{O}_4/\text{CNT}$ nanocomposite anode for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13193-13197.	10.3	75
4	1.142 μm GaAsBi/GaAs Quantum Well Lasers Grown by Molecular Beam Epitaxy. <i>ACS Photonics</i> , 2017, 4, 1322-1326.	6.6	37
5	Vibrational properties of epitaxial Bi_4Te_3 films as studied by Raman spectroscopy. <i>AIP Advances</i> , 2015, 5, .	1.3	20
6	Negative thermal quenching of below-bandgap photoluminescence in InPBi. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	19
7	Raman spectroscopy of epitaxial topological insulator Bi_2Te_3 thin films on GaN substrates. <i>Modern Physics Letters B</i> , 2015, 29, 1550075.	1.9	18
8	Growth and material properties of InPBi thin films using gas source molecular beam epitaxy. <i>Journal of Alloys and Compounds</i> , 2016, 656, 777-783.	5.5	17
9	Effect of thermal annealing on structural properties of GeSn thin films grown by molecular beam epitaxy. <i>AIP Advances</i> , 2017, 7, .	1.3	17
10	Scalable non-invasive imaging through dynamic scattering media at low photon flux. <i>Optics and Lasers in Engineering</i> , 2021, 144, 106641.	3.8	12
11	Optical properties and band bending of InGaAs/GaAsBi/InGaAs type-II quantum well grown by gas source molecular beam epitaxy. <i>Journal of Applied Physics</i> , 2016, 120, 105702.	2.5	10
12	Anomalous photoluminescence in $\text{InP}_{1-x}\text{Bi}_x$. <i>Scientific Reports</i> , 2016, 6, 27867.	3.3	10
13	Growth of semiconductor alloy InGaPBi on InP by molecular beam epitaxy. <i>Semiconductor Science and Technology</i> , 2015, 30, 094006.	2.0	8
14	Investigation to the deep center related properties of low temperature grown InPBi with Hall and photoluminescence. <i>AIP Advances</i> , 2015, 5, 127104.	1.3	5
15	Electrically injected GaAsBi/GaAs single quantum well laser diodes. <i>AIP Advances</i> , 2017, 7, 115006.	1.3	5
16	Regulating the Single-Mode Lasing Intensity of Semiconductor Lasers Without Wavelength Shift. <i>IEEE Photonics Journal</i> , 2020, 12, 1-9.	2.0	1
17	Photon limited imaging through disordered media: information extraction by exploiting the photon's quantum nature via deep learning. <i>Applied Physics B: Lasers and Optics</i> , 2022, 128, 1.	2.2	1