

Fenglin Xian

List of Publications by Year in descending order

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11
papers

80
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1478505

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docs citations

11
times ranked

116
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of raman scattering on modulation instabilities in two-core optical fibers. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	3.3	0
2	Accelerating the formation of high-quality optical surface layer in ZnO thin films by the increase of heat-treatment temperature. <i>Optik</i> , 2021, 232, 166527.	2.9	3
3	Guided Bloch surface wave resonance for multispectral enhancement of absorption in mono-layer grapheme. <i>Optik</i> , 2021, 231, 166460.	2.9	5
4	Photocatalytic degradation of organic dyes using ZnO nanorods supported by stainless steel wire mesh deposited by one-step method. <i>Optik</i> , 2020, 203, 164036.	2.9	7
5	Improvement of UV emission in ZnO thin film caused by a transition from polycrystalline to monocrystalline. <i>Physica B: Condensed Matter</i> , 2020, 583, 412010.	2.7	8
6	Toward Characterization of a Rectangular Groove on a Metallic Surface by Multi-Angle Light Scattering. <i>IEEE Access</i> , 2020, 8, 60210-60217.	4.2	3
7	Large bandgap tunability of GaN/ZnO pseudobinary alloys through combined engineering of anions and cations. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	9
8	Temperature and excitation power dependence of photoluminescence of ZnO nanorods synthesized by pattern assisted hydrothermal method. <i>Journal of Alloys and Compounds</i> , 2017, 710, 695-701.	5.5	10
9	Structural transition, subgap states, and carrier transport in anion-engineered zinc oxynitride nanocrystalline films. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	17
10	Controllable growth of ZnO nanorods by seed layers annealing using hydrothermal method. <i>Materials Letters</i> , 2013, 108, 46-49.	2.6	18
11	Deposition and characterization of Zn _{1-x} Sn _x O (ZSO) thin films with novel optical properties. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 0, , .	1.8	0