

Maximilian Zapf

List of Publications by Year in descending order

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papers

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1307594

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docs citations

16
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	Overall Distribution of Rubidium in Highly Efficient Cu(In,Ga)Se ₂ Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 40592-40598.	8.0	44
2	Transition Metal and Rare Earth Element Doped Zinc Oxide Nanowires for Optoelectronics. Physica Status Solidi (B): Basic Research, 2019, 256, 1800604.	1.5	30
3	Dynamical Tuning of Nanowire Lasing Spectra. Nano Letters, 2017, 17, 6637-6643.	9.1	19
4	High temperature limit of semiconductor nanowire lasers. Applied Physics Letters, 2017, 110, 173103.	3.3	12
5	Photoluminescence of ZnO/ZnMgO heterostructure nanobelts grown by MBE. Nanotechnology, 2020, 31, 135604.	2.6	11
6	Tailoring Spectral and Temporal Properties of Semiconductor Nanowire Lasers. Advanced Optical Materials, 2019, 7, 1900504.	7.3	9
7	Polarization Dependent Excitation and High Harmonic Generation from Intense Mid-IR Laser Pulses in ZnO. Nanomaterials, 2021, 11, 4.	4.1	9
8	In-Operando Nanoscale X-ray Analysis Revealing the Local Electrical Properties of Rubidium-Enriched Grain Boundaries in Cu(In,Ga)Se ₂ Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 57117-57123.	8.0	7
9	Grayscale Nanopatterning of Phase-Change Materials for Subwavelength-Scaled, Inherently Planar, Nonvolatile, and Reconfigurable Optical Devices. ACS Applied Nano Materials, 2020, 3, 4486-4493.	5.0	7
10	Polarization dependent multiphoton absorption in ZnO thin films. Journal Physics D: Applied Physics, 2020, 53, 055102.	2.8	6
11	Strong Light-Field Driven Nanolasers. Nano Letters, 2019, 19, 3563-3568.	9.1	4
12	Single nanowire defined emission properties of ZnO nanowire arrays. Journal Physics D: Applied Physics, 2019, 52, 295101.	2.8	4
13	Hot electrons in a nanowire hard X-ray detector. Nature Communications, 2020, 11, 4729.	12.8	4
14	Paramagnetic, NIR luminescent Nd ³⁺ and Gd ³⁺ doped fluorapatite as contrast agent for multimodal biomedical imaging. Journal of the American Ceramic Society, 2018, 101, 4441-4446.	3.8	2
15	Tuning nanowire lasers <i>via</i> hybridization with two-dimensional materials. Nanoscale, 2022, 14, 6822-6829.	5.6	2
16	Role of free-carrier interaction in strong-field excitations in semiconductors. Physical Review B, 2021, 104, .	3.2	1