

Katarzyna Kluczyk

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

224
citations

1306789

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15
g-index

20
all docs

20
docs citations

20
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Approach for a Chip-Sized Scanning Optical Microscope. <i>Micromachines</i> , 2021, 12, 527.	1.4	1
2	Pursuing the Diffraction Limit with Nano-LED Scanning Transmission Optical Microscopy. <i>Sensors</i> , 2021, 21, 3305.	2.1	4
3	Individually Switchable InGaN/GaN Nano-LED Arrays as Highly Resolved Illumination Engines. <i>Electronics (Switzerland)</i> , 2021, 10, 1829.	1.8	4
4	Optical design of InGaN/GaN nanoLED arrays on a chip: toward: highly resolved illumination. <i>Nanotechnology</i> , 2021, 32, 105203.	1.3	16
5	Optical resolution of light engine based on InGaN/GaN nanoLED arrays: toward a superresolved light source. , 2020, , .		0
6	ChipScope Symposium: Novel Approaches for a Chip-Sized Optical Microscope. <i>Proceedings (mdpi)</i> , 2020, 56, 5.	0.2	0
7	Metallization of solar cells, exciton channel of plasmon photovoltaic effect in perovskite cells. <i>Nano Energy</i> , 2020, 75, 104751.	8.2	49
8	Nano illumination microscopy: a technique based on scanning with an array of individually addressable nanoLEDs. <i>Optics Express</i> , 2020, 28, 19044.	1.7	18
9	Instrumentation for Nano-Illumination Microscopy Based on InGaN/GaN NanoLED Arrays. , 2020, , .		0
10	Mode Splitting Induced by Mesoscopic Electron Dynamics in Strongly Coupled Metal Nanoparticles on Dielectric Substrates. <i>Nanomaterials</i> , 2019, 9, 1206.	1.9	4
11	Application of Core-Shell Metallic Nanoparticles in Hybridized Perovskite Solar Cell-Various Channels of Plasmon Photovoltaic Effect. <i>Materials</i> , 2019, 12, 3192.	1.3	5
12	On Modeling of Plasmon-Induced Enhancement of the Efficiency of Solar Cells Modified by Metallic Nano-Particles. <i>Nanomaterials</i> , 2019, 9, 3.	1.9	32
13	Fabrication and photosensitivity of structures based on CdS:Au nano-particles nanocomposite. <i>Journal of Alloys and Compounds</i> , 2018, 746, 471-476.	2.8	4
14	Multiscale in modelling and validation for solar photovoltaics. <i>EPJ Photovoltaics</i> , 2018, 9, 10.	0.8	6
15	Microscopic Electron Dynamics in Metal Nanoparticles for Photovoltaic Systems. <i>Materials</i> , 2018, 11, 1077.	1.3	25
16	On quantum approach to modeling of plasmon photovoltaic effect. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2017, 34, 2115.	0.9	23
17	Absorption Enhancement in Si Solar Cells by Incorporation of Metallic Nanoparticles: Improved COMSOL Numerical Study Including Quantum Corrections. <i>Acta Physica Polonica A</i> , 2017, 132, 393-397.	0.2	0
18	Damping-induced size effect in surface plasmon resonance in metallic nano-particles: Comparison of RPA microscopic model with numerical finite element simulation (COMSOL) and Mie approach. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2016, 168, 78-88.	1.1	25

#	ARTICLE	IF	CITATIONS
19	Size Effect in Plasmon Resonance of Metallic Nanoparticles: RPA versus COMSOL. Acta Physica Polonica A, 2016, 129, A-83-A-86.	0.2	7