

Metallic nanostructures for light trapping in energy-har

Light: Science and Applications

3, e161-e161

DOI: [10.1038/lisa.2014.42](https://doi.org/10.1038/lisa.2014.42)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The role of Au nanorods in highly efficient inverted low bandgap polymer solar cells. Applied Physics Letters, 2014, 105, 223305.	1.5	12
2	Hybrid CuO/SnO ₂ nanocomposites: Towards cost-effective and high performance binder free lithium ion batteries anode materials. Applied Physics Letters, 2014, 105, .	1.5	53
3	Improving charge transport property and energy transfer with carbon quantum dots in inverted polymer solar cells. Applied Physics Letters, 2014, 105, .	1.5	42
4	Light absorption enhancement of ~ 100 nm thick poly(3-hexylthiophene) thin-film by embedding silver nanoparticles. Applied Physics Letters, 2014, 105, .	1.5	4
5	A broadband solar absorber with 12 nm thick ultrathin <i>a</i> -Si layer by using random metallic nanomeshes. Applied Physics Letters, 2014, 104, .	1.5	28
6	A low-temperature processed environment-friendly full-organic carrier collection layer for polymer solar cells. Applied Physics Letters, 2014, 105, 053305.	1.5	5
7	Tailoring characteristic thermal stability of Ni-Au binary nanocrystals via structure and composition engineering: theoretical insights into structural evolution and atomic inter-diffusion. AIP Advances, 2014, 4, .	0.6	3
8	Resonant tunneling diodes as energy-selective contacts used in hot-carrier solar cells. Journal of Applied Physics, 2015, 118, .	1.1	32
9	Optimal design of bandpass filters to reduce emission from photovoltaic cells under monochromatic illumination. Japanese Journal of Applied Physics, 2015, 54, 08KA05.	0.8	0
10	Plasmon resonance and perfect light absorption in subwavelength trench arrays etched in gallium-doped zinc oxide film. Applied Physics Letters, 2015, 107, .	1.5	11
11	Improvement in the photocurrent collection due to enhanced absorption of light by synthesizing staggered layers of silver nanoclusters in silicon. AIP Conference Proceedings, 2015, , .	0.3	7
12	Nano Sensing and Energy Conversion Using Surface Plasmon Resonance (SPR). Materials, 2015, 8, 4332-4343.	1.3	12
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17	Tunable plasmonic enhancement of light scattering and absorption in graphene-coated subwavelength wires. Journal of Optics (United Kingdom), 2015, 17, 075001.	1.0	54
18	Controllable assembly of silver nanoparticles induced by femtosecond laser direct writing. Science and Technology of Advanced Materials, 2015, 16, 024805.	2.8	25

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19	Highly Conductive Transparent Organic Electrodes with Multilayer Structures for Rigid and Flexible Optoelectronics. <i>Scientific Reports</i> , 2015, 5, 10569.	1.6	77
20	Polarisation-dependent generation of fs-laser induced periodic surface structures. <i>Applied Surface Science</i> , 2015, 331, 150-155.	3.1	78
21	Surface textured Sm _{0.5} Sr _{0.5} CoO ₃ as light absorber for solar thermoelectric generator. <i>Journal of the European Ceramic Society</i> , 2015, 35, 1343-1348.	2.8	16
22	Improving the efficiency of inverted polymer solar cells by introducing inorganic dopants. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 7960-7965.	1.3	20
23	Large-Area Plasmonic-Crystal Hot-Electron-Based Photodetectors. <i>ACS Photonics</i> , 2015, 2, 950-957.	3.2	63
24	Transforming the cost of solar-to-electrical energy conversion: Integrating thin-film GaAs solar cells with non-tracking mini-concentrators. <i>Light: Science and Applications</i> , 2015, 4, e288-e288.	7.7	78
25	Efficiency Improvement of Inverted Organic Solar Cells via Introducing a Series of Polyfluorene Dots in Electron Transport Layer. <i>Journal of Physical Chemistry C</i> , 2015, 119, 16462-16467.	1.5	2
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