

Sheng-Qing Zhu

List of Publications by Year in descending order

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1040056

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14
docs citations

14
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780
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembly of Large-Scale and Ultrathin Silver Nanoplate Films with Tunable Plasmon Resonance Properties. ACS Nano, 2011, 5, 9082-9092.	14.6	180
2	Numerical Analysis of Deep sub-wavelength integrated plasmonic devices based on Semiconductor-Insulator-Metal strip waveguides. Optics Express, 2010, 18, 18945.	3.4	87
3	Investigation of simultaneously existed Raman scattering enhancement and inhibiting fluorescence using surface modified gold nanostars as SERS probes. Scientific Reports, 2017, 7, 6813.	3.3	44
4	Silver nanoplate aggregation based multifunctional black metal absorbers for localization, photothermal harnessing enhancement and omnidirectional light antireflection. Journal of Materials Chemistry C, 2018, 6, 989-999.	5.5	32
5	Recent advances in highly efficient organic-silicon hybrid solar cells. Solar Energy Materials and Solar Cells, 2020, 204, 110245.	6.2	30
6	High sensitivity optical waveguide accelerometer based on Fano resonance. Applied Optics, 2016, 55, 6644.	2.1	24
7	Controllable plasmonic antennas with ultra narrow bandwidth based on silver nano-flags. Applied Physics Letters, 2012, 101, .	3.3	23
8	Highly-efficient low cost anisotropic wet etching of silicon wafers for solar cells application. AIP Advances, 2018, 8, .	1.3	15
9	Fabrication of an Efficient Planar Organic-Silicon Hybrid Solar Cell with a 150 nm Thick Film of PEDOT:PSS. Micromachines, 2019, 10, 648.	2.9	10
10	Hot spots based gold nanostar@SiO ₂ @CdSe/ZnS quantum dots complex with strong fluorescence enhancement. AIP Advances, 2018, 8, .	1.3	8
11	Plasmonic enhanced mid-infrared InAs/GaSb superlattice photodetectors with the hybrid mode for wavelength-selective detection. AIP Advances, 2019, 9, 085121.	1.3	4
12	A fluid-based active plasmonic grating filter. AIP Advances, 2020, 10, 015147.	1.3	1
13	Electromagnetic forces in nanoparticles made of multilayer hyperbolic metamaterials. Nanotechnology, 2022, , .	2.6	0