Sheng-Qing Zhu

List of Publications by Year
in descending order

13	458	1040056 9	1199594 12
papers	citations	h-index	g-index

14	14	14	780
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electromagnetic forces in nanoparticles made of multilayer hyperbolic metamaterials. Nanotechnology, 2022, , .	2.6	0
2	Recent advances in highly efficient organic-silicon hybrid solar cells. Solar Energy Materials and Solar Cells, 2020, 204, 110245.	6.2	30
3	A fluid-based active plasmonic grating filter. AIP Advances, 2020, 10, 015147.	1.3	1
4	Plasmonic enhanced mid-infrared InAs/GaSb superlattice photodetectors with the hybrid mode for wavelength-selective detection. AIP Advances, 2019, 9, 085121.	1.3	4
5	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
6	Hot spots based gold nanostar@SiO2@CdSe/ZnS quantum dots complex with strong fluorescence enhancement. AIP Advances, 2018, 8, .	1.3	8
7	Highly-efficient low cost anisotropic wet etching of silicon wafers for solar cells application. AIP Advances, 2018, 8, .	1.3	15
8	Silver nanoplate aggregation based multifunctional black metal absorbers for localization, photothermic harnessing enhancement and omnidirectional light antireflection. Journal of Materials Chemistry C, 2018, 6, 989-999.	5.5	32
9	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
10	High sensitivity optical waveguide accelerometer based on Fano resonance. Applied Optics, 2016, 55, 6644.	2.1	24
11	Controllable plasmonic antennas with ultra narrow bandwidth based on silver nano-flags. Applied Physics Letters, 2012, 101, .	3.3	23
12	Self-Assembly of Large-Scale and Ultrathin Silver Nanoplate Films with Tunable Plasmon Resonance Properties. ACS Nano, 2011, 5, 9082-9092.	14.6	180
13	Numerical Analysis of Deep sub-wavelength integrated plasmonic devices based on Semiconductor-Insulator-Metal strip waveguides. Optics Express, 2010, 18, 18945.	3.4	87