

Ying Yu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ultrafast Plasmonic Hot Electron Transfer in Au Nanoantenna/MoS ₂ Heterostructures. <i>Advanced Functional Materials</i> , 2016, 26, 6394-6401.	14.9	160
2	Direct observation of ultrafast plasmonic hot electron transfer in the strong coupling regime. <i>Light: Science and Applications</i> , 2019, 8, 9.	16.6	150
3	Tailoring MoS ₂ Exciton-Plasmon Interaction by Optical Spin-Orbit Coupling. <i>ACS Nano</i> , 2017, 11, 1165-1171.	14.6	114
4	Plasmonic hot electron tunneling photodetection in vertical Au-graphene hybrid nanostructures. <i>Laser and Photonics Reviews</i> , 2017, 11, 1600148.	8.7	61
5	Ultrafast Third-Order Optical Nonlinearity in Au Triangular Nanoprism with Strong Dipole and Quadrupole Plasmon Resonance. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20127-20132.	3.1	55
6	Electron transfer and cascade relaxation dynamics of graphene quantum dots/MoS ₂ monolayer mixed-dimensional van der Waals heterostructures. <i>Materials Today</i> , 2019, 24, 10-16.	14.2	49
7	Plasmon resonance enhanced large third-order optical nonlinearity and ultrafast optical response in Au nanobipyramids. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	29
8	A centimeter-scale sub-10 nm gap plasmonic nanorod array film as a versatile platform for enhancing light-matter interactions. <i>Nanoscale</i> , 2015, 7, 15392-15403.	5.6	21
9	Study of Surface Plasmon Induced Hot Electron Relaxation Process and Third-Order Optical Nonlinearity in Gold Nanostructures. <i>Journal of Physical Chemistry C</i> , 2015, 119, 27156-27161.	3.1	18
10	Large third-order optical nonlinearity in coupled Au-Ni-Au composite nanorods. <i>Materials Letters</i> , 2014, 134, 233-236.	2.6	14
11	Origin of the Avalanche-Like Photoluminescence from Metallic Nanowires. <i>Scientific Reports</i> , 2016, 6, 18857.	3.3	11
12	Near-UV-enhanced broad-band large third-order optical nonlinearity in aluminum nanorod array film with sub-10 nm gaps. <i>Optics Express</i> , 2016, 24, 5387.	3.4	11
13	Controlled growth and multi-photon luminescence of hexagonal arrays of Au nanoparticles on anodic aluminum oxide templates. <i>Journal of Applied Physics</i> , 2012, 111, 123110.	2.5	8
14	Large third-order optical nonlinearity and ultrafast optical response in thin Au nanodisks. <i>Optical Materials Express</i> , 2019, 9, 3021.	3.0	3
15	Growth and optical absorption properties of silver nanorod arrays in porous anodic aluminum oxide templates. <i>Wuhan University Journal of Natural Sciences</i> , 2012, 17, 157-161.	0.4	2
16	Electron Transfer: Ultrafast Plasmonic Hot Electron Transfer in Au Nanoantenna/MoS ₂ Heterostructures (<i>Adv. Funct. Mater.</i> 35/2016). <i>Advanced Functional Materials</i> , 2016, 26, 6393-6393.	14.9	0