

# Xudong Gao

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Porous Ag/TiO <sub>2</sub> -Schottky-diode based plasmonic hot-electron photodetector with high detectivity and fast response. <i>Nanophotonics</i> , 2019, 8, 1247-1254.	2.9	44
2	Controlled solvothermal synthesis of single-crystal tellurium nanowires, nanotubes and trifold structures and their photoelectrical properties. <i>CrystEngComm</i> , 2017, 19, 2813-2820.	1.3	22
3	Tunable broadband wavelength-selective enhancement of responsivity in ordered Au-nanorod array-modified PbS photodetectors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1767-1773.	2.7	20
4	Solvothermal synthesis, stirring-assisted assembly and photoelectric performance of Te nanowires. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 32691-32696.	1.3	19
5	All-Optical-Input Transistors: Light-Controlled Enhancement of Plasmon-Induced Photocurrent. <i>Advanced Functional Materials</i> , 2018, 28, 1802288.	7.8	17
6	Necklace-like NiO-CuO Heterogeneous Composite Hollow Nanostructure: Preparation, Formation Mechanism and Structure Control. <i>Scientific Reports</i> , 2017, 7, 144.	1.6	9
7	Raman Scattering in Nanocomposite Photonic Crystals. <i>Inorganic Materials</i> , 2019, 55, 355-364.	0.2	8
8	Eu <sup>2+</sup> -Activated Green-Emitting Phosphor Obtained from Eu <sup>3+</sup> Ions doping Zeolite-3A in Air Surroundings and Its Efficient Green Light-Emitting Diodes. <i>Nanoscale Research Letters</i> , 2019, 14, 298.	3.1	6
9	Ultrathin open-ended porous TiO <sub>2</sub> membranes for surface nanopatterning in fabricating nanodot arrays. <i>Chemical Communications</i> , 2014, 50, 14317-14320.	2.2	2
10	Angular Dependences of Transmission Spectra of Photonic-Crystal Films Based on Aluminum Oxide. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2019, 127, 602-604.	0.2	2
11	Plasmonic ordered pore array Ag film coated glass: transparent and solar heat reflective material. <i>Nanotechnology</i> , 2020, 31, 145203.	1.3	1
12	Transistors: All-Optical-Input Transistors: Light-Controlled Enhancement of Plasmon-Induced Photocurrent (Adv. Funct. Mater. 40/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870290.	7.8	0
13	All-Optical-Input Transistors with Light-Controlled Enhancement and Fast Stabilization of Hot-Electron Photocurrent. <i>Journal of Physical Chemistry C</i> , 2021, 125, 18887-18895.	1.5	0
14	Regulation of UV light on the hot-electron current of Au/TiO <sub>2</sub> :Tb <sup>3+</sup> Schottky diodes. <i>Materials Letters</i> , 2021, 308, 131267.	1.3	0