

Anhua Dong

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Unconventional Resistive Switching Behavior in Fibroin-Based Memristor. <i>Advanced Electronic Materials</i> , 2022, 8, 2100843.	5.1	21
2	High-performance resistive switching memory with embedded molybdenum disulfide quantum dots. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	23
3	Heterojunction interface-induced enhancement of position-sensitive photodetection in the nano-film of Ti/SrTiO ₃ based on the p-type silicon. <i>Optics Letters</i> , 2021, 46, 3041.	3.3	3
4	Modulation of optical switching characteristics in MoS ₂ /HfO ₂ /p-Si structures. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	8
5	Laser-Tuned Large Photo Hall Effect in p-Type Silicon Based on Surface States. <i>ACS Applied Electronic Materials</i> , 2020, 2, 906-912.	4.3	4
6	High sensitivity Si-based photodetection with nanoscale protective layer based on interface states. <i>Nanotechnology</i> , 2019, 30, 375705.	2.6	9
7	Position-Sensitive and High-Performance Photodetection Observed in Carbon NanoFilm Based on Silicon Carbide. <i>ACS Applied Electronic Materials</i> , 2019, 1, 1924-1928.	4.3	5
8	Laser-Triggered Large Magnetoresistance Change Observed in Corbino Disk of Cu/SiO ₂ /Si. <i>Advanced Electronic Materials</i> , 2019, 5, 1800844.	5.1	12
9	Lateral Photovoltaic Effect and Photo-Induced Resistance Effect in Nanoscale Metal-Semiconductor Systems. <i>Annalen Der Physik</i> , 2019, 531, 1800440.	2.4	18
10	Laser tuned large position-dependent tunneling detection dominated by interface states in silicon based oxide-semiconductor structure. <i>Optics Express</i> , 2019, 27, 743.	3.4	5
11	Sensitive Photodetection Based on the Surface States of p-Type Silicon. <i>IEEE Electron Device Letters</i> , 2018, 39, 236-239.	3.9	8
12	Photoelectric Devices: A Laser and Electric Pulse Modulated Nonvolatile Photoelectric Response in Nanoscale Copper Dusted Metal-Oxide-Semiconductor Structures (<i>Adv. Electron. Mater.</i> 11/2018). <i>Advanced Electronic Materials</i> , 2018, 4, 1870054.	5.1	0
13	Configurable ultra-low operating voltage resistive switching between bipolar and threshold behaviors for Ag/TaOx/Pt structures. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	27
14	A Laser and Electric Pulse Modulated Nonvolatile Photoelectric Response in Nanoscale Copper Dusted Metal-Oxide-Semiconductor Structures. <i>Advanced Electronic Materials</i> , 2018, 4, 1800234.	5.1	4
15	Sensitive Photoelectric Response to Magnetic Field in p-Type Silicon-Based Structures. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 1848-1851.	2.5	7