

# Anhua Dong

## List of Publications by Year in descending order

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15  
papers

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docs citations

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times ranked

100  
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#	ARTICLE	IF	CITATIONS
1	Configurable ultra-low operating voltage resistive switching between bipolar and threshold behaviors for Ag/TaOx/Pt structures. Applied Physics Letters, 2018, 113, .	3.3	27
2	High-performance resistive switching memory with embedded molybdenum disulfide quantum dots. Applied Physics Letters, 2021, 118, .	3.3	23
3	Unconventional Resistive Switching Behavior in Fibroin-Based Memristor. Advanced Electronic Materials, 2022, 8, 2100843.	5.1	21
4	Lateral Photovoltaic Effect and Photo-Induced Resistance Effect in Nanoscale Metal-Semiconductor Systems. Annalen Der Physik, 2019, 531, 1800440.	2.4	18
5	Laser-Triggered Large Magnetoresistance Change Observed in Corbino Disk of Cu/SiO <sub>2</sub> /Si. Advanced Electronic Materials, 2019, 5, 1800844.	5.1	12
6	High sensitivity Si-based photodetection with nanoscale protective layer based on interface states. Nanotechnology, 2019, 30, 375705.	2.6	9
7	Sensitive Photodetection Based on the Surface States of p-Type Silicon. IEEE Electron Device Letters, 2018, 39, 236-239.	3.9	8
8	Modulation of optical switching characteristics in MoS <sub>2</sub> /HfO <sub>2</sub> /p-Si structures. Applied Physics Letters, 2020, 117, .	3.3	8
9	Sensitive Photoelectric Response to Magnetic Field in p-Type Silicon-Based Structures. IEEE Photonics Technology Letters, 2017, 29, 1848-1851.	2.5	7
10	Position-Sensitive and High-Performance Photodetection Observed in Carbon NanoFilm Based on Silicon Carbide. ACS Applied Electronic Materials, 2019, 1, 1924-1928.	4.3	5
11	Laser tuned large position-dependent tunneling detection dominated by interface states in silicon based oxide-semiconductor structure. Optics Express, 2019, 27, 743.	3.4	5
12	A Laser and Electric Pulse Modulated Nonvolatile Photoelectric Response in Nanoscale Copper Dusted Metal-Oxide-Semiconductor Structures. Advanced Electronic Materials, 2018, 4, 1800234.	5.1	4
13	Laser-Tuned Large Photo Hall Effect in p-Type Silicon Based on Surface States. ACS Applied Electronic Materials, 2020, 2, 906-912.	4.3	4
14	Heterojunction interface-induced enhancement of position-sensitive photodetection in the nano-film of Ti/SrTiO <sub>3</sub> based on the p-type silicon. Optics Letters, 2021, 46, 3041.	3.3	3
15	Photoelectric Devices: A Laser and Electric Pulse Modulated Nonvolatile Photoelectric Response in Nanoscale Copper Dusted Metal-Oxide-Semiconductor Structures (Adv. Electron. Mater. 11/2018). Advanced Electronic Materials, 2018, 4, 1870054.	5.1	0