

# Qiang Zhu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1177837/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Integrated Plasmonic Infrared Photodetector Based on Colloidal HgTe Quantum Dots. <i>Advanced Materials Technologies</i> , 2019, 4, 1900354.	5.8	36
2	Tunable resistance of MOFs films via an anion exchange strategy for advanced gas sensing. <i>Journal of Hazardous Materials</i> , 2021, 416, 125906.	12.4	28
3	Pâ€N heterointerface-determined acetone sensing characteristics of $\text{Î±-MoO}_3$ @NiO core@shell nanobelts. <i>CrystEngComm</i> , 2019, 21, 5834-5844.	2.6	27
4	Red Phosphorus: An Elementary Semiconductor for Room-Temperature $\text{NO}_2$ Gas Sensing. <i>ACS Sensors</i> , 2018, 3, 2629-2636.	7.8	19
5	Tuning the Particle Size of Prussian Blue by a Dual Anion Source Method. <i>Crystal Growth and Design</i> , 2018, 18, 5780-5789.	3.0	18
6	Improving Bias-Stress Stability of p-Type Organic Field-Effect Transistors by Constructing an Electron Injection Barrier at the Drain Electrode/Semiconductor Interfaces. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 41886-41895.	8.0	16
7	Improving Operational Stability of p-Type Field-Effect Transistors by Charge Selective Electrodes: a General Strategy. <i>Advanced Electronic Materials</i> , 2019, 5, 1900055.	5.1	14
8	Damage-Free Depth Profiling of Electronic Structures in Multilayered Organic Semiconductors by Photoelectron Spectroscopy and Cluster Ion Beam. <i>Physica Status Solidi (B): Basic Research</i> , 2021, 258, 2100130.	1.5	7
9	Improving bias-stress stability of p-type organic field-effect transistors by suppressing electron injection. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 3726-3737.	2.2	3