

# Tingqiang Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10129454/publications.pdf>

Version: 2024-02-01

13  
papers

744  
citations

949033

11  
h-index

1255698

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1344  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vanadium Disulfide Nanosheets Synthesized by Facile Liquid-Phase Exfoliation for Ammonia Detection with High Selectivity. <i>Advanced Electronic Materials</i> , 2022, 8, .	2.6	9
2	Density Functional Investigation on $\text{MoO}_3$ (100): Amines Adsorption and Surface Chemistry. <i>ACS Sensors</i> , 2022, 7, 1213-1221.	4.0	6
3	Berlin Green Framework-Based Gas Sensor for Room-Temperature and High-Selectivity Detection of Ammonia. <i>Nano-Micro Letters</i> , 2021, 13, 63.	14.4	21
4	Defect Engineering in Ultrathin SnSe Nanosheets for High-Performance Optoelectronic Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 33226-33236.	4.0	35
5	Water-Dispersible CsPbBr <sub>3</sub> Perovskite Nanocrystals with Ultra-Stability and its Application in Electrochemical CO <sub>2</sub> Reduction. <i>Nano-Micro Letters</i> , 2021, 13, 172.	14.4	20
6	Nanosensor-Based Flexible Electronic Assisted with Light Fidelity Communicating Technology for Volatolomics-Based Telemedicine. <i>ACS Nano</i> , 2020, 14, 15517-15532.	7.3	19
7	Recent advances in OD nanostructure-functionalized low-dimensional nanomaterials for chemiresistive gas sensors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7272-7299.	2.7	35
8	High Efficiency Mesoscopic Solar Cells Using CsPbI <sub>3</sub> Perovskite Quantum Dots Enabled by Chemical Interface Engineering. <i>Journal of the American Chemical Society</i> , 2020, 142, 3775-3783.	6.6	156
9	Layered Oxide Cathodes Promoted by Structure Modulation Technology for Sodium-Ion Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 2001334.	7.8	142
10	Short-Chain Ligand-Passivated Stable $\text{CsPbI}_3$ Quantum Dot for All-Inorganic Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2019, 29, 1900991.	7.8	216
11	Acidic Site-Assisted Ammonia Sensing of Novel CuSbS <sub>2</sub> Quantum Dots/Reduced Graphene Oxide Composites with an Ultralow Detection Limit at Room Temperature. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 9573-9582.	4.0	49
12	Surface reactions of CH <sub>3</sub> OH, NH <sub>3</sub> and CO on ZnO nanorod arrays film: DFT investigation for gas sensing selectivity mechanism. <i>Applied Surface Science</i> , 2018, 457, 975-980.	3.1	21
13	Investigation on the Transformation of Absorbed Oxygen at ZnO {101̄...0} Surface Based on a Novel Thermal Pulse Method and Density Functional Theory Simulation. <i>ACS Sensors</i> , 2017, 2, 1051-1059.	4.0	15