

# Aimin Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6792741/publications.pdf>

Version: 2024-02-01

10  
papers

217  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

396  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of an ion-imprinting dual-emission quantum dot nanohybrid for selective fluorescence turn-on and ratiometric detection of cadmium ions. <i>Analyst, The</i> , 2016, 141, 5886-5892.	3.5	52
2	2D Hybrid Nanomaterials for Selective Detection of NO <sub>2</sub> and SO <sub>2</sub> Using Light On and Off Strategy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 37191-37200.	8.0	52
3	Ratiometric ultrasensitive fluorometric detection of ascorbic acid using a dually emitting CdSe@SiO <sub>2</sub> @CdTe quantum dot hybrid. <i>Mikrochimica Acta</i> , 2018, 185, 42.	5.0	49
4	Visual Assay of Glutathione in Vegetables and Fruits Using Quantum Dot Ratiometric Hybrid Probes. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6431-6438.	5.2	27
5	An efficient ratiometric fluorescent probe based on dual-emission fluorescent silica nanoparticles for visual determination of Hg <sup>2+</sup> . <i>Analytical Methods</i> , 2015, 7, 2295-2299.	2.7	14
6	Self-powered gas sensor based on SiNWs/ITO photodiode. <i>RSC Advances</i> , 2019, 9, 23554-23559.	3.6	12
7	Controlled synthesis of a dual-emission hierarchical quantum dot hybrid nanostructure as a robust ratiometric fluorescent sensor. <i>RSC Advances</i> , 2016, 6, 15716-15723.	3.6	4
8	Catalytic Performance for the Conversion of Potent Fluorinated Greenhouse Gases by Aluminium Fluorides with Different Morphology. <i>Catalysis Letters</i> , 2021, 151, 2065-2074.	2.6	4
9	N-Alkylation of Alkylolamines with Alcohols Over Mesoporous Solid Acid-Base Cs-Ba-Zr Catalyst. <i>Catalysis Letters</i> , 2016, 146, 1182-1193.	2.6	2
10	P-doped Carbon as the Efficient Support of Nickel Catalysts for Hydrodechlorination of Chlorodifluoromethane. <i>ChemistrySelect</i> , 2020, 5, 13290-13294.	1.5	1