

# Wenhao Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10764464/publications.pdf>

Version: 2024-02-01

13  
papers

7,298  
citations

623734

14  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

11466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum dots: The ultimate downâ€ conversion material for LCD displays. <i>Journal of the Society for Information Display</i> , 2015, 23, 294-305.	2.1	137
2	68.1:Invited Paper: Quantum Dot Manufacturing Requirements for the High Volume LCD Market. <i>Digest of Technical Papers SID International Symposium</i> , 2013, 44, 943-945.	0.3	20
3	Compact Zwitterion-Coated Iron Oxide Nanoparticles for Biological Applications. <i>Nano Letters</i> , 2012, 12, 22-25.	9.1	220
4	Alternating layer addition approach to CdSe/CdS core/shell quantum dots with near-unity quantum yield and high on-time fractions. <i>Chemical Science</i> , 2012, 3, 2028.	7.4	207
5	A Nanoparticle Size Series for Inâ€ Vivo Fluorescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8649-8652.	13.8	289
6	Design considerations for tumour-targeted nanoparticles. <i>Nature Nanotechnology</i> , 2010, 5, 42-47.	31.5	692
7	InAs(ZnCdS) Quantum Dots Optimized for Biological Imaging in the Near-Infrared. <i>Journal of the American Chemical Society</i> , 2010, 132, 470-471.	13.7	177
8	Compact Biocompatible Quantum Dots via RAFT-Mediated Synthesis of Imidazole-Based Random Copolymer Ligand. <i>Journal of the American Chemical Society</i> , 2010, 132, 472-483.	13.7	271
9	Electrostatic Formation of Quantum Dot/J-aggregate FRET Pairs in Solution. <i>Journal of Physical Chemistry C</i> , 2009, 113, 9986-9992.	3.1	76
10	Compact Biocompatible Quantum Dots Functionalized for Cellular Imaging. <i>Journal of the American Chemical Society</i> , 2008, 130, 1274-1284.	13.7	583
11	Monovalent, reduced-size quantum dots for imaging receptors on living cells. <i>Nature Methods</i> , 2008, 5, 397-399.	19.0	398
12	Renal clearance of quantum dots. <i>Nature Biotechnology</i> , 2007, 25, 1165-1170.	17.5	3,789
13	Compact Cysteine-Coated CdSe(ZnCdS) Quantum Dots for in Vivo Applications. <i>Journal of the American Chemical Society</i> , 2007, 129, 14530-14531.	13.7	382