

Wenhao Liu

List of Publications by Year in descending order

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

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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	Renal clearance of quantum dots. <i>Nature Biotechnology</i> , 2007, 25, 1165-1170.	17.5	3,789
2	Design considerations for tumour-targeted nanoparticles. <i>Nature Nanotechnology</i> , 2010, 5, 42-47.	31.5	692
3	Compact Biocompatible Quantum Dots Functionalized for Cellular Imaging. <i>Journal of the American Chemical Society</i> , 2008, 130, 1274-1284.	13.7	583
4	Monovalent, reduced-size quantum dots for imaging receptors on living cells. <i>Nature Methods</i> , 2008, 5, 397-399.	19.0	398
5	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
6	A Nanoparticle Size Series for In-vivo Fluorescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8649-8652.	13.8	289
7	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
8	Compact Zwitterion-Coated Iron Oxide Nanoparticles for Biological Applications. <i>Nano Letters</i> , 2012, 12, 22-25.	9.1	220
9	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
10	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
11	Quantum dots: The ultimate down-conversion material for LCD displays. <i>Journal of the Society for Information Display</i> , 2015, 23, 294-305.	2.1	137
12	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
13	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