

# Hangyu Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,543  
citations

516710

16  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

3091  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization and comparison of CD4-targeting lipid-polymer hybrid nanoparticles using different binding ligands. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1177-1188.	4.0	12
2	Core-shell nanoparticles for targeted and combination antiretroviral activity in gut-homing T cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2143-2153.	3.3	14
3	Rational design of charged peptides that self-assemble into robust nanofibers as immune-functional scaffolds. <i>Acta Biomaterialia</i> , 2017, 55, 183-193.	8.3	32
4	Graphene-modified nanostructured vanadium pentoxide hybrids with extraordinary electrochemical performance for Li-ion batteries. <i>Nature Communications</i> , 2015, 6, 6127.	12.8	201
5	Hierarchical polybenzimidazole-grafted graphene hybrids as supports for Pt nanoparticle catalysts with excellent PEMFC performance. <i>Nano Energy</i> , 2015, 16, 281-292.	16.0	50
6	Cu(II) promotes amyloid pore formation. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 342-347.	2.1	8
7	CeO <sub>2</sub> -MO <sub>x</sub> (M: Zr, Ti, Cu) mixed metal oxides with enhanced oxygen storage capacity. <i>Journal of Materials Science</i> , 2015, 50, 3750-3762.	3.7	40
8	Facile Preparation of Graphene/SnO <sub>2</sub> Xerogel Hybrids as the Anode Material in Li-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 27087-27095.	8.0	36
9	Covalently-grafted polyaniline on graphene oxide sheets for high performance electrochemical supercapacitors. <i>Carbon</i> , 2014, 71, 257-267.	10.3	171
10	Functionalized graphene oxide for the fabrication of paraoxon biosensors. <i>Analytica Chimica Acta</i> , 2014, 827, 86-94.	5.4	51
11	Hierarchical Nanocomposites of Vanadium Oxide Thin Film Anchored on Graphene as High-Performance Cathodes in Li-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 18894-18900.	8.0	46
12	Novel Pyrolyzed Polyaniline-Grafted Silicon Nanoparticles Encapsulated in Graphene Sheets As Li-Ion Battery Anodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 5996-6002.	8.0	114
13	Effect of sonication on a novel designed peptide. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013, 28, 622-626.	1.0	2
14	Fabrication of High-Surface-Area Graphene/Polyaniline Nanocomposites and Their Application in Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 2685-2691.	8.0	309
15	In Vitro Study of $\alpha$ -Synuclein Protofibrils by Cryo-EM Suggests a Cu <sup>2+</sup> -Dependent Aggregation Pathway. <i>Biophysical Journal</i> , 2013, 104, 2706-2713.	0.5	35
16	An aqueous media based approach for the preparation of a biosensor platform composed of graphene oxide and Pt-black. <i>Biosensors and Bioelectronics</i> , 2012, 38, 314-320.	10.1	74
17	Preparation of high-surface-area carbon nanoparticle/graphene composites. <i>Carbon</i> , 2012, 50, 3845-3853.	10.3	57
18	Mechanistic Study of Self-Assembling Peptide RADA16-I in Formation of Nanofibers and Hydrogels. <i>Journal of Nanotechnology in Engineering and Medicine</i> , 2010, 1, .	0.8	16

#	ARTICLE	IF	CITATIONS
19	Investigation of a Catalyst Ink Dispersion Using Both Ultra-Small-Angle X-ray Scattering and Cryogenic TEM. <i>Langmuir</i> , 2010, 26, 19199-19208.	3.5	62
20	Designed amphiphilic peptide forms stable nanoweb, slowly releases encapsulated hydrophobic drug, and accelerates animal hemostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5105-5110.	7.1	105
21	Application research of a novel designed peptide as a potential carrier. <i>Science in China Series B: Chemistry</i> , 2009, 52, 632-638.	0.8	5
22	Temperature and pH effects on biophysical and morphological properties of self-assembling peptide RADA16. <i>Journal of Peptide Science</i> , 2008, 14, 152-162.	1.4	103