

# Zhijun Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

596  
citations

933447

10  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

731  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating Antibacterial Efficiency and Mechanism of Oligo-thiophenes under White Light and Specific Biocidal Activity against <i>E. coli</i> in Dark. <i>ACS Applied Bio Materials</i> , 2021, 4, 3561-3570.	4.6	3
2	Comparison and Mechanism Study of Antibacterial Activity of Cationic and Neutral Oligo-Thiophene-Ethynylene. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 41012-41020.	8.0	2
3	Biocidal Activity and Mechanism Study of Unsymmetrical Oligo-Phenylene-Ethynylenes. <i>ACS Applied Bio Materials</i> , 2020, 3, 5644-5651.	4.6	3
4	Evaluating the Photodynamic Biocidal Activity and Investigating the Mechanism of Thiazolium Cyanine Dyes. <i>ACS Applied Bio Materials</i> , 2020, 3, 1580-1588.	4.6	7
5	A Retrospective: 10 Years of Oligo(phenylene-ethynylene) Electrolytes: Demystifying Nanomaterials. <i>Langmuir</i> , 2019, 35, 307-325.	3.5	23
6	Visible light-induced biocidal activities and mechanistic study of neutral porphyrin derivatives against <i>S. aureus</i> and <i>E. coli</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 185, 199-205.	3.8	10
7	Assessing the Biocidal Activity and Investigating the Mechanism of Oligo-phenylene-ethynylenes. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 7964-7971.	8.0	19
8	Structure defects assisted photocatalytic H <sub>2</sub> production for polythiophene nanofibers. <i>Applied Catalysis B: Environmental</i> , 2017, 211, 98-105.	20.2	61
9	Effective way to radiolabel the peptide of MAG3 <sup>66</sup> RM26 with 188Re and the study on its coordination chemistry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 2087-2090.	1.5	2
10	Coordination investigation of rhenium with MAG3 using LC-MS and UV spectrometer and the simple radiolabelling process. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 695-702.	1.5	3
11	Spectroscopic Investigation of a Synthetic Cyanine Amine Derivative upon Various Scaffolds. <i>Analytical Letters</i> , 2014, 47, 2722-2730.	1.8	1
12	Cationic Phenylene Ethynylene Polymers and Oligomers Exhibit Efficient Antiviral Activity. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 2209-2214.	8.0	67
13	Synthesis, Self-Assembly, and Photophysical Properties of Cationic Oligo(phenyleneethynylene)s. <i>Langmuir</i> , 2011, 27, 4945-4955.	3.5	67
14	Light-Induced Antibacterial Activity of Symmetrical and Asymmetrical Oligophenylene Ethynylenes. <i>Langmuir</i> , 2011, 27, 4956-4962.	3.5	68
15	Dark Antimicrobial Mechanisms of Cationic Phenylene Ethynylene Polymers and Oligomers against <i>Escherichia coli</i> . <i>Polymers</i> , 2011, 3, 1199-1214.	4.5	41
16	End-Only-Functionalized Oligo(phenylene ethynylene)s: Synthesis, Photophysical and Biocidal Activity. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 3207-3212.	4.6	82
17	Membrane Perturbation Activity of Cationic Phenylene Ethynylene Oligomers and Polymers: Selectivity against Model Bacterial and Mammalian Membranes. <i>Langmuir</i> , 2010, 26, 12509-12514.	3.5	72
18	New High-Throughput Screening Protease Assay Based upon Supramolecular Self-assembly. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 162-170.	8.0	10

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19	Synthesis, Self-Assembly, and Photophysical Behavior of Oligo Phenylene Ethynyls: From Molecular to Supramolecular Properties. <i>Langmuir</i> , 2009, 25, 21-25.	3.5	55