Zhijun Zhou

List of Publications by Year
in descending order

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19	596	933447 10	794594 19
papers	citations	h-index	g-index

19	19	19	731
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	â€œEnd-Onlyâ€•Functionalized Oligo(phenylene ethynylene)s: Synthesis, Photophysical and Biocidal Activity. Journal of Physical Chemistry Letters, 2010, 1, 3207-3212.	4.6	82
2	Membrane Perturbation Activity of Cationic Phenylene Ethynylene Oligomers and Polymers: Selectivity against Model Bacterial and Mammalian Membranes. Langmuir, 2010, 26, 12509-12514.	3.5	72
3	Light-Induced Antibacterial Activity of Symmetrical and Asymmetrical Oligophenylene Ethynylenes. Langmuir, 2011, 27, 4956-4962.	3.5	68
4	Cationic Phenylene Ethynylene Polymers and Oligomers Exhibit Efficient Antiviral Activity. ACS Applied Materials & Interfaces, 2011, 3, 2209-2214.	8.0	67
5	Synthesis, Self-Assembly, and Photophysical Properties of Cationic Oligo(p-phenyleneethynylene)s. Langmuir, 2011, 27, 4945-4955.	3.5	67
6	Structure defects assisted photocatalytic H2 production for polythiophene nanofibers. Applied Catalysis B: Environmental, 2017, 211, 98-105.	20.2	61
7	Synthesis, Self-Assembly, and Photophysical Behavior of Oligo Phenylene Ethynylenes: From Molecular to Supramolecular Properties. Langmuir, 2009, 25, 21-25.	3.5	55
8	Dark Antimicrobial Mechanisms of Cationic Phenylene Ethynylene Polymers and Oligomers against Escherichia coli. Polymers, 2011, 3, 1199-1214.	4.5	41
9	A Retrospective: 10 Years of Oligo(phenylene-ethynylene) Electrolytes: Demystifying Nanomaterials. Langmuir, 2019, 35, 307-325.	3.5	23
10	Assessing the Biocidal Activity and Investigating the Mechanism of Oligo-p-phenylene-ethynylenes. ACS Applied Materials & Interfaces, 2017, 9, 7964-7971.	8.0	19
11	New High-Throughput Screening Protease Assay Based upon Supramolecular Self-assembly. ACS Applied Materials & Interfaces, 2009, 1, 162-170.	8.0	10
12	Visible light-induced biocidal activities and mechanistic study of neutral porphyrin derivatives against S. aureus and E. coli. Journal of Photochemistry and Photobiology B: Biology, 2018, 185, 199-205.	3.8	10
13	Evaluating the Photodynamic Biocidal Activity and Investigating the Mechanism of Thiazolium Cyanine Dyes. ACS Applied Bio Materials, 2020, 3, 1580-1588.	4.6	7
14	Coordination investigation of rhenium with MAG3 using LC-MS and UV spectrometer and the simple radiolabelling process. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 695-702.	1.5	3
15	Biocidal Activity and Mechanism Study of Unsymmetrical Oligo-Phenylene-Ethynylenes. ACS Applied Bio Materials, 2020, 3, 5644-5651.	4.6	3
16	Investigating Antibacterial Efficiency and Mechanism of Oligo-thiophenes under White Light and Specific Biocidal Activity against E. coli in Dark. ACS Applied Bio Materials, 2021, 4, 3561-3570.	4.6	3
17	Effective way to radiolabel the peptide of MAG3â€“RM26 with 188Re and the study on its coordination chemistry. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 2087-2090.	1.5	2
18	Comparison and Mechanism Study of Antibacterial Activity of Cationic and Neutral Oligo-Thiophene-Ethynylene. ACS Applied Materials & Interfaces, 2021, 13, 41012-41020.	8.0	2

#	Article	IF	Citations
19	Spectroscopic Investigation of a Synthetic Cyanine Amine Derivative upon Various Scaffolds. Analytical Letters, 2014, 47, 2722-2730.	1.8	1