

Cheng Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

264
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1162889

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#	ARTICLE	IF	CITATIONS
1	Self-Sorting Double-Network Hydrogels with Tunable Supramolecular Handedness and Mechanical Properties. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9366-9372.	7.2	57
2	Structurally Resemblant Dopants Enhance Organic Room-Temperature Phosphorescence. <i>Advanced Materials</i> , 2022, 34, e2201569.	11.1	38
3	Informed Molecular Design of Conjugated Oligoelectrolytes To Increase Cell Affinity and Antimicrobial Activity. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8069-8072.	7.2	32
4	A Chain-Elongated Oligophenylenevinylene Electrolyte Increases Microbial Membrane Stability. <i>Advanced Materials</i> , 2019, 31, e1808021.	11.1	29
5	Conjugated Oligoelectrolytes for Long-Term Tumor Tracking with Incremental NIR Emission. <i>Advanced Materials</i> , 2022, 34, e2201989.	11.1	22
6	Gram-Typing Using Conjugated Oligoelectrolytes. <i>Advanced Functional Materials</i> , 2020, 30, 2004068.	7.8	17
7	Predicting Antimicrobial Activity of Conjugated Oligoelectrolyte Molecules via Machine Learning. <i>Journal of the American Chemical Society</i> , 2021, 143, 18917-18931.	6.6	17
8	An AIEgen as an Intrinsic Antibacterial Agent for Light-Up Detection and Inactivation of Intracellular Gram-Positive Bacteria. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100885.	3.9	15
9	Self-Sorting Double-Network Hydrogels with Tunable Supramolecular Handedness and Mechanical Properties. <i>Angewandte Chemie</i> , 2019, 131, 9466-9472.	1.6	8
10	Experimental and theoretical study of energy transfer in a chromophore triad: What makes modeling dynamics successful?. <i>Journal of Chemical Physics</i> , 2020, 153, 244114.	1.2	8
11	Improving the antimicrobial efficacy against resistant <i>Staphylococcus aureus</i> by a combined use of conjugated oligoelectrolytes. <i>PLoS ONE</i> , 2019, 14, e0224816.	1.1	7
12	Role of Torsional Flexibility in the Film Formation Process in Two π -Conjugated Model Oligomers. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 9379-9386.	2.1	7
13	Synthetic Conjugated Oligoelectrolytes Are Effective siRNA Transfection Carriers: Relevance to Pancreatic Cancer Gene Therapy. <i>Biomacromolecules</i> , 2022, 23, 1259-1268.	2.6	7
14	Frontispiece: Self-Sorting Double-Network Hydrogels with Tunable Supramolecular Handedness and Mechanical Properties. <i>Angewandte Chemie - International Edition</i> , 2019, 58, .	7.2	0
15	Frontispiz: Self-Sorting Double-Network Hydrogels with Tunable Supramolecular Handedness and Mechanical Properties. <i>Angewandte Chemie</i> , 2019, 131, .	1.6	0
16	Conjugated Oligoelectrolytes: A Chain-Elongated Oligophenylenevinylene Electrolyte Increases Microbial Membrane Stability (<i>Adv. Mater.</i> 18/2019). <i>Advanced Materials</i> , 2019, 31, 1970133.	11.1	0
17	Gram Typing: Gram-Typing Using Conjugated Oligoelectrolytes (<i>Adv. Funct. Mater.</i> 42/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070281.	7.8	0