

Bing Wang

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,485
citations

393982

19
h-index

525886

27
g-index

28
all docs

28
docs citations

28
times ranked

2126
citing authors

#	ARTICLE	IF	CITATIONS
1	Property Regulation of Conjugated Oligoelectrolytes with Polyisocyanide to Achieve Efficient Photodynamic Antibacterial Biomimetic Hydrogels. ACS Applied Materials & Interfaces, 2021, 13, 27955-27962.	4.0	22
2	Real-Time Zeta Potential Analysis of Microchannel Surfaces during Aminosilane Deposition and Exposure Using Current Monitoring. Analytical Chemistry, 2021, 93, 16512-16519.	3.2	3
3	Enhanced Ratiometric Detection using a Buried Dual Junction Diode for Wearable Optofluidic Biosensing Application. , 2019, , .		1
4	Molecular Design of a New Diboronic Acid for the Electrohydrodynamic Monitoring of Glucose. Angewandte Chemie, 2019, 131, 10722-10725.	1.6	4
5	Molecular Design of a New Diboronic Acid for the Electrohydrodynamic Monitoring of Glucose. Angewandte Chemie - International Edition, 2019, 58, 10612-10615.	7.2	21
6	Precisely Defined Conjugated Oligoelectrolytes for Biosensing and Therapeutics. Advanced Materials, 2019, 31, e1806701.	11.1	57
7	Dual-Modal Probe Based on Polythiophene Derivative for Pre- and Intraoperative Mapping of Lymph Nodes by SPECT/Optical Imaging. ACS Applied Materials & Interfaces, 2018, 10, 6646-6651.	4.0	14
8	Conjugated Oligoelectrolytes: Materials for Acceleration of Whole Cell Biocatalysis. Chemistry of Materials, 2018, 30, 5836-5840.	3.2	8
9	A Membrane-Intercalating Conjugated Oligoelectrolyte with High-Efficiency Photodynamic Antimicrobial Activity. Angewandte Chemie - International Edition, 2017, 56, 5031-5034.	7.2	147
10	A Membrane-Intercalating Conjugated Oligoelectrolyte with High-Efficiency Photodynamic Antimicrobial Activity. Angewandte Chemie, 2017, 129, 5113-5116.	1.6	27
11	Antibacterial Narrow-Band-Gap Conjugated Oligoelectrolytes with High Photothermal Conversion Efficiency. Angewandte Chemie - International Edition, 2017, 56, 16063-16066.	7.2	92
12	Antibacterial Narrow-Band-Gap Conjugated Oligoelectrolytes with High Photothermal Conversion Efficiency. Angewandte Chemie, 2017, 129, 16279-16282.	1.6	9
13	Selective biocompatibility and responsive imaging property of cationic conjugated polyelectrolyte to cancer cells. Chinese Chemical Letters, 2017, 28, 1975-1978.	4.8	4
14	Preparation of Reactive Oligo(<i>p</i> -Phenylene Vinylene) Materials for Spatial Profiling of the Chemical Reactivity of Intracellular Compartments. Advanced Materials, 2016, 28, 3749-3754.	11.1	18
15	Graphene-Oxide-Conjugated Polymer Hybrid Materials for Calmodulin Sensing by Using FRET Strategy. Advanced Functional Materials, 2015, 25, 4412-4418.	7.8	48
16	A Supramolecular Antibiotic Switch for Antibacterial Regulation. Angewandte Chemie - International Edition, 2015, 54, 13208-13213.	7.2	256
17	Guanidinium-pendant oligofluorene for rapid and specific identification of antibiotics with membrane-disrupting ability. Chemical Communications, 2015, 51, 4036-4039.	2.2	28
18	Multifunctional Assembly of Micrometer-Sized Colloids for Cell Sorting. Small, 2015, 11, 2555-2563.	5.2	12

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19	Cationic Oligo(p-phenylene vinylene) Materials for Combating Drug Resistance of Cancer Cells by Light Manipulation. <i>Advanced Materials</i> , 2014, 26, 5986-5990.	11.1	46
20	DNA Hydrogel by Multicomponent Assembly for Encapsulation and Killing of Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 11823-11828.	4.0	23
21	Conjugated Polymer-Based Energy Transfer Systems for Antimicrobial and Anticancer Applications. <i>Advanced Materials</i> , 2014, 26, 6978-6982.	11.1	142
22	Multicellular Assembly and Light Regulation of Cell-Cell Communication by Conjugated Polymer Materials. <i>Advanced Materials</i> , 2014, 26, 2371-2375.	11.1	53
23	Multi-Colored Fibers by Self-Assembly of DNA, Histone Proteins, and Cationic Conjugated Polymers. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 424-428.	7.2	47
24	Synthesis of a new conjugated polymer for cell membrane imaging by using an intracellular targeting strategy. <i>Polymer Chemistry</i> , 2013, 4, 5212.	1.9	38
25	Multiplex Detection of DNA Mutations by the Fluorescence Fingerprint Spectrum Technique. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13020-13023.	7.2	38
26	Polymer-drug conjugates for intracellular molecule-targeted photoinduced inactivation of protein and growth inhibition of cancer cells. <i>Scientific Reports</i> , 2012, 2, 766.	1.6	53
27	Chemical Molecule-Induced Light-Activated System for Anticancer and Antifungal Activities. <i>Journal of the American Chemical Society</i> , 2012, 134, 13184-13187.	6.6	243