

Bing Wang

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,485
citations

394421
19
h-index

526287
27
g-index

28
all docs

28
docs citations

28
times ranked

2126
citing authors

#	ARTICLE	IF	CITATIONS
1	A Supramolecular Antibiotic Switch for Antibacterial Regulation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13208-13213.	13.8	256
2	Chemical Molecule-Induced Light-Activated System for Anticancer and Antifungal Activities. <i>Journal of the American Chemical Society</i> , 2012, 134, 13184-13187.	13.7	243
3	A Membrane-Intercalating Conjugated Oligoelectrolyte with High-Efficiency Photodynamic Antimicrobial Activity. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5031-5034.	13.8	147
4	Conjugated Polymer-Based Energy-Transfer Systems for Antimicrobial and Anticancer Applications. <i>Advanced Materials</i> , 2014, 26, 6978-6982.	21.0	142
5	Antibacterial Narrow-Band-Gap Conjugated Oligoelectrolytes with High Photothermal Conversion Efficiency. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16063-16066.	13.8	92
6	Precisely Defined Conjugated Oligoelectrolytes for Biosensing and Therapeutics. <i>Advanced Materials</i> , 2019, 31, e1806701.	21.0	57
7	Polymer-drug conjugates for intracellular molecule-targeted photoinduced inactivation of protein and growth inhibition of cancer cells. <i>Scientific Reports</i> , 2012, 2, 766.	3.3	53
8	Multicellular Assembly and Light-Regulation of Cell-Cell Communication by Conjugated Polymer Materials. <i>Advanced Materials</i> , 2014, 26, 2371-2375.	21.0	53
9	Graphene-Oxide-Conjugated Polymer Hybrid Materials for Calmodulin Sensing by Using FRET Strategy. <i>Advanced Functional Materials</i> , 2015, 25, 4412-4418.	14.9	48
10	Multi-Colored Fibers by Self-Assembly of DNA, Histone Proteins, and Cationic Conjugated Polymers. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 424-428.	13.8	47
11	Cationic Oligo(p-phenylene vinylene) Materials for Combating Drug Resistance of Cancer Cells by Light Manipulation. <i>Advanced Materials</i> , 2014, 26, 5986-5990.	21.0	46
12	Synthesis of a new conjugated polymer for cell membrane imaging by using an intracellular targeting strategy. <i>Polymer Chemistry</i> , 2013, 4, 5212.	3.9	38
13	Multiplex Detection of DNA Mutations by the Fluorescence Fingerprint Spectrum Technique. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13020-13023.	13.8	38
14	Guanidinium-pendant oligofluorene for rapid and specific identification of antibiotics with membrane-disrupting ability. <i>Chemical Communications</i> , 2015, 51, 4036-4039.	4.1	28
15	A Membrane-Intercalating Conjugated Oligoelectrolyte with High-Efficiency Photodynamic Antimicrobial Activity. <i>Angewandte Chemie</i> , 2017, 129, 5113-5116.	2.0	27
16	DNA Hydrogel by Multicomponent Assembly for Encapsulation and Killing of Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 11823-11828.	8.0	23
17	Property Regulation of Conjugated Oligoelectrolytes with Polyisocyanide to Achieve Efficient Photodynamic Antibacterial Biomimetic Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 27955-27962.	8.0	22
18	Molecular Design of a New Diboronic Acid for the Electrohydrodynamic Monitoring of Glucose. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10612-10615.	13.8	21

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19	Preparation of Reactive Oligo(<i>p</i> -Phenylene Vinylene) Materials for Spatial Profiling of the Chemical Reactivity of Intracellular Compartments. <i>Advanced Materials</i> , 2016, 28, 3749-3754.	21.0	18
20	Dual-Modal Probe Based on Polythiophene Derivative for Pre- and Intraoperative Mapping of Lymph Nodes by SPECT/Optical Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6646-6651.	8.0	14
21	Multifunctional Assembly of Micrometer-Sized Colloids for Cell Sorting. <i>Small</i> , 2015, 11, 2555-2563.	10.0	12
22	Antibacterial Narrow-Band Gap Conjugated Oligoelectrolytes with High Photothermal Conversion Efficiency. <i>Angewandte Chemie</i> , 2017, 129, 16279-16282.	2.0	9
23	Conjugated Oligoelectrolytes: Materials for Acceleration of Whole Cell Biocatalysis. <i>Chemistry of Materials</i> , 2018, 30, 5836-5840.	6.7	8
24	Selective biocompatibility and responsive imaging property of cationic conjugated polyelectrolyte to cancer cells. <i>Chinese Chemical Letters</i> , 2017, 28, 1975-1978.	9.0	4
25	Molecular Design of a New Diboronic Acid for the Electrohydrodynamic Monitoring of Glucose. <i>Angewandte Chemie</i> , 2019, 131, 10722-10725.	2.0	4
26	Real-Time Zeta Potential Analysis of Microchannel Surfaces during Aminosilane Deposition and Exposure Using Current Monitoring. <i>Analytical Chemistry</i> , 2021, 93, 16512-16519.	6.5	3
27	Enhanced Ratiometric Detection using a Buried Dual Junction Diode for Wearable Optofluidic Biosensing Application. , 2019, , .		1