

Hailei Mao

List of Publications by Year in descending order

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27
papers

1,335
citations

394421

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docs citations

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1712
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure-Dependent Antibacterial Activity Relationships of Imidazolium-Type Ionic Liquid Monomers, Poly(ionic liquid) Membranes. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12684-12692.	8.0	240
2	Synthesis of Pyrrolidinium-Type Poly(ionic liquid) Membranes for Antibacterial Applications. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 10504-10511.	8.0	148
3	Intrinsically Antibacterial Poly(ionic liquid) Membranes: The Synergistic Effect of Anions. <i>ACS Macro Letters</i> , 2015, 4, 1094-1098.	4.8	124
4	Antibacterial activity of cationic polymers: side-chain or main-chain type?. <i>Polymer Chemistry</i> , 2018, 9, 4611-4616.	3.9	98
5	Zinc Ion Coordinated Poly(Ionic Liquid) Antimicrobial Membranes for Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 14656-14664.	8.0	94
6	Integrated Endotoxin Adsorption and Antibacterial Properties of Cationic Polyurethane Foams for Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2860-2869.	8.0	67
7	Active pharmaceutical ingredient poly(ionic liquid)-based microneedles for the treatment of skin acne infection. <i>Acta Biomaterialia</i> , 2020, 115, 136-147.	8.3	61
8	Metal-Containing Poly(ionic liquid) Membranes for Antibacterial Applications. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 922-928.	5.2	60
9	Fluorescent Imidazolium-Type Poly(ionic liquid)s for Bacterial Imaging and Biofilm Inhibition. <i>Biomacromolecules</i> , 2019, 20, 3161-3170.	5.4	44
10	Poly(ionic liquid)/CeO ₂ -Based Antimicrobial Nanofibrous Membrane for Blocking Drug Resistance Dissemination from MRSA-Infected Wounds. <i>Advanced Functional Materials</i> , 2021, 31, 2100336.	14.9	42
11	Aggregation-induced emission-based ionic liquids for bacterial killing, imaging, cell labeling, and bacterial detection in blood cells. <i>Acta Biomaterialia</i> , 2019, 97, 247-259.	8.3	40
12	Identification of biomarkers for the detection of early stage lung adenocarcinoma by microarray profiling of long noncoding RNAs. <i>Lung Cancer</i> , 2015, 88, 147-153.	2.0	36
13	Polyanionic Antimicrobial Membranes: An Experimental and Theoretical Study. <i>Langmuir</i> , 2017, 33, 4346-4355.	3.5	33
14	A panel of promoter methylation markers for invasive and noninvasive early detection of NSCLC using a quantum dots-based FRET approach. <i>Biosensors and Bioelectronics</i> , 2016, 85, 641-648.	10.1	32
15	Enhanced photocatalytic and antibacterial activity of acridinium-grafted g-C ₃ N ₄ with broad-spectrum light absorption for antimicrobial photocatalytic therapy. <i>Acta Biomaterialia</i> , 2022, 146, 370-384.	8.3	28
16	Antibacterial Amino Acid-Based Poly(ionic liquid) Membranes: Effects of Chirality, Chemical Bonding Type, and Application for MRSA Skin Infections. <i>ACS Applied Bio Materials</i> , 2019, 2, 4418-4426.	4.6	26
17	Antimicrobial anionic polymers: the effect of cations. <i>European Polymer Journal</i> , 2018, 107, 181-188.	5.4	24
18	Histone H4K20 Demethylation by Two hHR23 Proteins. <i>Cell Reports</i> , 2020, 30, 4152-4164.e6.	6.4	24

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19	The Use of an Hourglass Dorsal Advancement Flap Without Skin Graft for Congenital Syndactyly. <i>Journal of Hand Surgery</i> , 2015, 40, 1748-1754.e1.	1.6	21
20	Redox-responsive ferrocene-containing poly(ionic liquid)s for antibacterial applications. <i>Science China Chemistry</i> , 2019, 62, 95-104.	8.2	20
21	Identification of long noncoding RNAs for the detection of early stage lung squamous cell carcinoma by microarray analysis. <i>Oncotarget</i> , 2017, 8, 13329-13337.	1.8	19
22	Activating PIK3CA mutation promotes osteogenesis of bone marrow mesenchymal stem cells in macrodactyly. <i>Cell Death and Disease</i> , 2020, 11, 505.	6.3	15
23	Cis-existence of H3K27me3 and H3K36me2 in mouse embryonic stem cells revealed by specific ions of isobaric modification chromatogram. <i>Stem Cell Research and Therapy</i> , 2015, 6, 132.	5.5	11
24	Alteration of histone H3 lysine 9 dimethylation in peripheral white blood cells of septic patients with trauma and cancer. <i>Molecular Medicine Reports</i> , 2016, 14, 5467-5474.	2.4	9
25	Activating PIK3CA mutation promotes adipogenesis of adipose-derived stem cells in macrodactyly via up-regulation of E2F1. <i>Cell Death and Disease</i> , 2020, 11, 600.	6.3	7
26	A Novel Missense Variant of HOXD13 Caused Atypical Synpolydactyly by Impairing the Downstream Gene Expression and Literature Review for Genotypeâ€”Phenotype Correlations. <i>Frontiers in Genetics</i> , 2021, 12, 731278.	2.3	7
27	Highly Integrated Cell-Imprinted Biomimetic Interface for All-in-One Diagnosis of Heterogeneous Circulating Tumor Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19603-19612.	8.0	5