

# Hailei Mao

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,335  
citations

394421

19  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1712  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced photocatalytic and antibacterial activity of acridinium-grafted g-C <sub>3</sub> N <sub>4</sub> with broad-spectrum light absorption for antimicrobial photocatalytic therapy. <i>Acta Biomaterialia</i> , 2022, 146, 370-384.	8.3	28
2	Poly(ionic liquid)/Ce <sup>IV</sup> -Based Antimicrobial Nanofibrous Membrane for Blocking Drug <sup>R</sup> Resistance Dissemination from MRSA <sup>A</sup> -Infected Wounds. <i>Advanced Functional Materials</i> , 2021, 31, 2100336.	14.9	42
3	Highly Integrated Cell-Imprinted Biomimetic Interface for All-in-One Diagnosis of Heterogeneous Circulating Tumor Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 19603-19612.	8.0	5
4	A Novel Missense Variant of HOXD13 Caused Atypical Synpolydactyly by Impairing the Downstream Gene Expression and Literature Review for Genotype <sup>A</sup> Phenotype Correlations. <i>Frontiers in Genetics</i> , 2021, 12, 731278.	2.3	7
5	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
6	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
7	Histone H4K20 Demethylation by Two hHR23 Proteins. <i>Cell Reports</i> , 2020, 30, 4152-4164.e6.	6.4	24
8	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
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	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
11	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
12	Integrated Endotoxin Adsorption and Antibacterial Properties of Cationic Polyurethane Foams for Wound Healing. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 2860-2869.	8.0	67
13	Redox-responsive ferrocene-containing poly(ionic liquid)s for antibacterial applications. <i>Science China Chemistry</i> , 2019, 62, 95-104.	8.2	20
14	Antimicrobial anionic polymers: the effect of cations. <i>European Polymer Journal</i> , 2018, 107, 181-188.	5.4	24
15	Antibacterial activity of cationic polymers: side-chain or main-chain type?. <i>Polymer Chemistry</i> , 2018, 9, 4611-4616.	3.9	98
16	Zinc Ion Coordinated Poly(Ionic Liquid) Antimicrobial Membranes for Wound Healing. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 14656-14664.	8.0	94
17	Metal-Containing Poly(ionic liquid) Membranes for Antibacterial Applications. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 922-928.	5.2	60
18	Polyanionic Antimicrobial Membranes: An Experimental and Theoretical Study. <i>Langmuir</i> , 2017, 33, 4346-4355.	3.5	33

#	ARTICLE	IF	CITATIONS
19	Synthesis of Pyrrolidinium-Type Poly(ionic liquid) Membranes for Antibacterial Applications. ACS Applied Materials & Interfaces, 2017, 9, 10504-10511.	8.0	148
20	Identification of long noncoding RNAs for the detection of early stage lung squamous cell carcinoma by microarray analysis. Oncotarget, 2017, 8, 13329-13337.	1.8	19
21	Structure-Activity Relationships of Imidazolium-Type Ionic Liquid Monomers, Poly(ionic liquid) Membranes for Antibacterial Applications. ACS Applied Materials & Interfaces, 2016, 8, 12684-12692.	8.0	240
22	Alteration of histone H3 lysine 9 dimethylation in peripheral white blood cells of septic patients with trauma and cancer. Molecular Medicine Reports, 2016, 14, 5467-5474.	2.4	9
23	A panel of promoter methylation markers for invasive and noninvasive early detection of NSCLC using a quantum dots-based FRET approach. Biosensors and Bioelectronics, 2016, 85, 641-648.	10.1	32
24	Cis-existence of H3K27me3 and H3K36me2 in mouse embryonic stem cells revealed by specific ions of isobaric modification chromatogram. Stem Cell Research and Therapy, 2015, 6, 132.	5.5	11
25	Identification of biomarkers for the detection of early stage lung adenocarcinoma by microarray profiling of long noncoding RNAs. Lung Cancer, 2015, 88, 147-153.	2.0	36
26	The Use of an Hourglass Dorsal Advancement Flap Without Skin Graft for Congenital Syndactyly. Journal of Hand Surgery, 2015, 40, 1748-1754.e1.	1.6	21
27	Intrinsically Antibacterial Poly(ionic liquid) Membranes: The Synergistic Effect of Anions. ACS Macro Letters, 2015, 4, 1094-1098.	4.8	124