

Min Zhou

List of Publications by Year in descending order

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304743

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#	ARTICLE	IF	CITATIONS
1	Controllable Polymerization of α -Substituted β -Alanine α -Thiocarboxyanhydrides for Convenient Synthesis of Functional Poly(β -peptoid)s. <i>CCS Chemistry</i> , 2023, 5, 994-1004.	7.8	8
2	Controlled copolymerization of β -NCAs and β -NNTAs for preparing peptide/peptoid hybrid polymers with adjustable proteolysis. <i>Polymer Chemistry</i> , 2022, 13, 388-394.	3.9	4
3	Facile synthesis of polypeptoids bearing bulky sidechains <i>via</i> urea accelerated ring-opening polymerization of β -amino acid α -substituted α -carboxyanhydrides. <i>Polymer Chemistry</i> , 2022, 13, 420-426.	3.9	8
4	Optimally Selecting Photo- and Electrocatalysis to Facilitate CH_4 Activation on TiO_2 (110) Surface: Localized Photoexcitation versus Global Electric-Field Polarization. <i>Jacs Au</i> , 2022, 2, 188-196.	7.9	20
5	Short Guanidinium-Functionalized Poly(β -oxazoline)s Displaying Potent Therapeutic Efficacy on Drug-Resistant Fungal Infections. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
6	Short Guanidinium-Functionalized Poly(β -oxazoline)s Displaying Potent Therapeutic Efficacy on Drug-Resistant Fungal Infections. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202200778.	13.8	37
7	Microbial Metabolite Inspired β -Peptide Polymers Displaying Potent and Selective Antifungal Activity. <i>Advanced Science</i> , 2022, 9, e2104871.	11.2	19
8	Hydrogen Spillover-Bridged Volmer/Tafel Processes Enabling Ampere-Level Current Density Alkaline Hydrogen Evolution Reaction under Low Overpotential. <i>Journal of the American Chemical Society</i> , 2022, 144, 6028-6039.	13.7	179
9	Heterochiral β -Peptide Polymers Combating Multidrug-Resistant Cancers Effectively without Inducing Drug Resistance. <i>Journal of the American Chemical Society</i> , 2022, 144, 7283-7294.	13.7	26
10	An Effective Strategy to Develop Potent and Selective Antifungal Agents from Cell Penetrating Peptides in Tackling Drug-Resistant Invasive Fungal Infections. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7296-7311.	6.4	19
11	Loss of PRMT7 reprograms glycine metabolism to selectively eradicate leukemia stem cells in CML. <i>Cell Metabolism</i> , 2022, 34, 818-835.e7.	16.2	22
12	Statistic Copolymers Working as Growth Factor-Binding Mimics of Fibronectin. <i>Advanced Science</i> , 2022, 9, e2200775.	11.2	5
13	Biodegradable peptide polymers as alternatives to antibiotics used in aquaculture. <i>Biomaterials Science</i> , 2022, 10, 4193-4207.	5.4	10
14	Host defense peptide mimicking cyclic peptoid polymers exerting strong activity against drug-resistant bacteria. <i>Biomaterials Science</i> , 2022, 10, 4515-4524.	5.4	4
15	Peptide-Mimicking Poly(β -oxazoline)s Displaying Potent Antimicrobial Properties. <i>ChemMedChem</i> , 2021, 16, 309-315.	3.2	22
16	Pd single-atom monolithic catalyst: Functional 3D structure and unique chemical selectivity in hydrogenation reaction. <i>Science China Materials</i> , 2021, 64, 1919-1929.	6.3	75
17	Therapeutic strategies against bacterial biofilms. <i>Fundamental Research</i> , 2021, 1, 193-212.	3.3	84
18	Targeting protein lysine methyltransferase G9A impairs self-renewal of chronic myelogenous leukemia stem cells via upregulation of SOX6. <i>Oncogene</i> , 2021, 40, 3564-3577.	5.9	8

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19	Alkali-metal hexamethyldisilazide initiated polymerization on alpha-amino acid N-substituted N-carboxyanhydrides for facile polypeptoid synthesis. Chinese Chemical Letters, 2021, 32, 1675-1678.	9.0	20
20	Cooperative Motion in Water-Methanol Clusters Controls the Reaction Rates of Heterogeneous Photocatalytic Reactions. Journal of the American Chemical Society, 2021, 143, 10940-10947.	13.7	12
21	Superfast and Water-Insensitive Polymerization on α -Amino Acid N-Carboxyanhydrides to Prepare Polypeptides Using Tetraalkylammonium Carboxylate as the Initiator. Angewandte Chemie, 2021, 133, 26267-26275.	2.0	5
22	Superfast and Water-Insensitive Polymerization on α -Amino Acid N-Carboxyanhydrides to Prepare Polypeptides Using Tetraalkylammonium Carboxylate as the Initiator. Angewandte Chemie - International Edition, 2021, 60, 26063-26071.	13.8	33
23	Synthesis of poly(β -peptides with tunable sequence via the copolymerization on N-carboxyanhydride and N-thiocarboxyanhydride. IScience, 2021, 24, 103124.	4.1	15
24	Addressing MRSA infection and antibacterial resistance with peptoid polymers. Nature Communications, 2021, 12, 5898.	12.8	97
25	Paeonol Attenuated Vascular Fibrosis Through Regulating Treg/Th17 Balance in a Gut Microbiota-Dependent Manner. Frontiers in Pharmacology, 2021, 12, 765482.	3.5	18
26	Innenteilbild: Poly(2-Oxazoline)-Based Functional Peptide Mimics: Eradicating MRSA Infections and Persists while Alleviating Antimicrobial Resistance (Angew. Chem. 16/2020). Angewandte Chemie, 2020, 132, 6354-6354.	2.0	2
27	Breaking or following the membrane-targeting mechanism: Exploring the antibacterial mechanism of host defense peptide mimicking poly(2-oxazoline)s. Journal of Materials Science and Technology, 2020, 59, 220-226.	10.7	30
28	Water-Insensitive Synthesis of Poly(β -Peptides with Defined Architecture. Angewandte Chemie, 2020, 132, 7307-7311.	2.0	3
29	Poly(2-Oxazoline)-Based Functional Peptide Mimics: Eradicating MRSA Infections and Persists while Alleviating Antimicrobial Resistance. Angewandte Chemie, 2020, 132, 6474-6481.	2.0	14
30	Poly(2-Oxazoline)-Based Functional Peptide Mimics: Eradicating MRSA Infections and Persists while Alleviating Antimicrobial Resistance. Angewandte Chemie - International Edition, 2020, 59, 6412-6419.	13.8	162
31	Water-Insensitive Synthesis of Poly(β -Peptides with Defined Architecture. Angewandte Chemie - International Edition, 2020, 59, 7240-7244.	13.8	50
32	Solvent Water Controls Photocatalytic Methanol Reforming. Journal of Physical Chemistry Letters, 2020, 11, 3738-3744.	4.6	11
33	Mesoporous silica-coated gold nanostars with drug payload for combined chemo-photothermal cancer therapy. Journal of Drug Targeting, 2019, 27, 201-210.	4.4	24
34	The Anti-Inflammatory Effect of Feiyangchangweiyan Capsule and Its Main Components on Pelvic Inflammatory Disease in Rats via the Regulation of the NF- κ B and BAX/BCL-2 Pathway. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-11.	1.2	4
35	Practical Preparation of Infection-Resistant Biomedical Surfaces from Antimicrobial β -Peptide Polymers. ACS Applied Materials & Interfaces, 2019, 11, 18907-18913.	8.0	77
36	Host defense peptide mimicking poly(β -peptides with fast, potent and broad spectrum antibacterial activities. Biomaterials Science, 2019, 7, 2144-2151.	5.4	83

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37	Rattle-Type Gold Nanorods/Porous-SiO ₂ Nanocomposites as Near-Infrared Light-Activated Drug Delivery Systems for Cancer Combined Chemotherapy. <i>Molecular Pharmaceutics</i> , 2019, 16, 1929-1938.	4.6	30
38	Zinc oxide/silver bimetallic nanoencapsulated in PVP/PCL nanofibres for improved antibacterial activity. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1248-1257.	2.8	69
39	Cardioprotective effects and underlying mechanism of Radix Salviae miltiorrhiza and Lignum Dalbergiae odorifera in a pig chronic myocardial ischemia model. <i>International Journal of Molecular Medicine</i> , 2018, 42, 2628-2640.	4.0	18
40	Bio-Inspired Protein-Based Nanoformulations for Cancer Theranostics. <i>Frontiers in Pharmacology</i> , 2018, 9, 421.	3.5	68
41	Structure and biological properties of mixed-ligand Cu(II) Schiff base complexes as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2017, 134, 207-217.	5.5	90
42	Fabrication of viable and functional prevascularized modular bone tissues by coculturing MSCs and HUVECs on microcarriers in spinner flasks. <i>Biotechnology Journal</i> , 2017, 12, 1700008.	3.5	27
43	Co-delivery nanoparticles with characteristics of intracellular precision release drugs for overcoming multidrug resistance. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2081-2108.	6.7	36
44	Different polyaniline/carbon nanotube composites as Pt catalyst supports for methanol electro-oxidation. <i>Journal of Materials Science</i> , 2015, 50, 1159-1168.	3.7	21
45	Synthesis of honeycomb MnO ₂ nanospheres/carbon nanoparticles/graphene composites as electrode materials for supercapacitors. <i>Applied Surface Science</i> , 2015, 357, 1024-1030.	6.1	57
46	Ectopic Osteogenesis of Macroscopic Tissue Constructs Assembled from Human Mesenchymal Stem Cell-Laden Microcarriers through In Vitro Perfusion Culture. <i>PLoS ONE</i> , 2014, 9, e109214.	2.5	18
47	Synthesis and electrochemical performances of a novel two-dimensional nanocomposite: polyaniline-coated laponite nanosheets. <i>Journal of Materials Science</i> , 2014, 49, 6830-6837.	3.7	14
48	Synthesis and capacitive performance of two-dimensional sandwich-like graphene/nitrogen-doped carbon nanoparticle composites with tunable textural parameters and nitrogen content. <i>New Journal of Chemistry</i> , 2013, 37, 4148.	2.8	12
49	Facile synthesis of novel Si nanoparticles-graphene composites as high-performance anode materials for Li-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 11394.	2.8	54
50	Graphene/Carbon-Coated Si Nanoparticle Hybrids as High-Performance Anode Materials for Li-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 3449-3455.	8.0	171
51	Spontaneous Crystallization at the Air-Water Interface: An Unusual Feature of Gemini Surfactant with a Rigid Spacer. <i>Langmuir</i> , 2006, 22, 10877-10879.	3.5	22