

Chuanguang Qin

List of Publications by Year in descending order

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32
papers

948
citations

567281

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434195

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39
all docs

39
docs citations

39
times ranked

1356
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemically Driven, Ni-Catalyzed Aryl Amination: Scope, Mechanism, and Applications. <i>Journal of the American Chemical Society</i> , 2019, 141, 6392-6402.	13.7	251
2	Bidirectional Photocontrol of Peptide Conformation with a Bridged Azobenzene Derivative. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6452-6455.	13.8	138
3	Protective effect of polysaccharide from the loach on the in vitro and in vivo peroxidative damage of hepatocyte. <i>Journal of Nutritional Biochemistry</i> , 2002, 13, 592-597.	4.2	62
4	Isolation and characterization of a novel polysaccharide from the mucus of the loach, <i>Misgurnus anguillicaudatus</i> . <i>Carbohydrate Polymers</i> , 2002, 49, 367-371.	10.2	62
5	Dissociation of Antibacterial and Hemolytic Activities of an Amphipathic Peptide Antibiotic. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 4830-4833.	6.4	38
6	Optimization of Antibacterial Cyclic Decapeptides. <i>ACS Combinatorial Science</i> , 2004, 6, 398-406.	3.3	36
7	A Chemical Approach to Generate Molecular Diversity Based on the Scaffold of Cyclic Decapeptide Antibiotic Tyrocidine A. <i>ACS Combinatorial Science</i> , 2003, 5, 353-355.	3.3	33
8	Synthesis of Gramicidin S and Its Analogues via an On-Resin Macrolactamization Assisted by a Predisposed Conformation of the Linear Precursors. <i>Journal of Organic Chemistry</i> , 2004, 69, 2681-2685.	3.2	29
9	An effective Pd@Ni-B/C anode catalyst for electro-oxidation of formic acid. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 3216-3222.	7.1	23
10	Fabrication of Cr ₂ S ₃ -GO-TiO ₂ composite with high visible-light-driven photocatalytic activity on degradation of organic dyes. <i>Chemical Physics</i> , 2020, 539, 110950.	1.9	23
11	Engineering mechanical microenvironment of macrophage and its biomedical applications. <i>Nanomedicine</i> , 2018, 13, 555-576.	3.3	19
12	Facile solid-phase synthesis of cyclic decapeptide antibiotic streptocidins A-D. <i>Tetrahedron Letters</i> , 2004, 45, 217-220.	1.4	17
13	Efficient visible-light-driven photocatalysis of flower-like composites of AgI nanoparticle dotting BiOI nanosheet. <i>Journal of Solid State Chemistry</i> , 2021, 297, 122044.	2.9	17
14	Electro-catalysis of carbon black or titanium sub-oxide supported Pd-Gd towards formic acid electro-oxidation. <i>RSC Advances</i> , 2016, 6, 68989-68996.	3.6	16
15	Alternative Mode of Binding to Phosphotyrosyl Peptides by Src Homology-2 Domains. <i>Biochemistry</i> , 2005, 44, 12196-12202.	2.5	15
16	Construction of Dopamine-Releasing Gold Surfaces Mimicking Presynaptic Membrane by On-Chip Electrochemistry. <i>Journal of the American Chemical Society</i> , 2019, 141, 8816-8824.	13.7	15
17	Resin-free peptide synthesis mediated by tri(4-benzoylphenyl) phosphate (TBP) derivatives as small-molecule supports. <i>Organic Chemistry Frontiers</i> , 2020, 7, 689-696.	4.5	15
18	miRNA-mediated macrophage behaviors responding to matrix stiffness and oxLDL. <i>Journal of Cellular Physiology</i> , 2020, 235, 6139-6153.	4.1	15

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19	Solid-Phase Total Synthesis and Antimicrobial Activities of Loloatins. <i>Chemistry and Biodiversity</i> , 2007, 4, 2827-2834.	2.1	14
20	Design, Synthesis and Application in Analytical Chemistry of Photo-Sensitive Probes Based on Coumarin. <i>Critical Reviews in Analytical Chemistry</i> , 2021, 51, 1-17.	3.5	14
21	Liquid-Phase Total Synthesis of Plecanatide Aided by Diphenylphosphinyloxy Diphenyl Ketone (DDK) Derivatives. <i>Organic Letters</i> , 2020, 22, 3323-3328.	4.6	13
22	Synthesis of Tri(4-formylphenyl) Phosphonate Derivatives as Recyclable Triple-Equivalent Supports of Peptide Synthesis. <i>Journal of Organic Chemistry</i> , 2020, 85, 6271-6280.	3.2	12
23	Bioinspired Dual-Responsive Nanofluidic Diodes by Poly-L-lysine Modification. <i>ACS Omega</i> , 2020, 5, 4501-4506.	3.5	11
24	Separation and elucidation of anthocyanins in the fruit of mockstrawberry (<i>Duchesnea indica</i>) by HPLC-ESI-MS/MS. <i>Food Chemistry</i> , 2021, 348, 129313.	1.8	10
25	Greener liquid-phase synthesis and the ACE inhibitory structure-activity relationship of an anti-SARS octapeptide. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8433-8442.	2.8	10
26	Enhanced ultraviolet-visible photocatalysis of RGO/equiaxial geometry TiO ₂ composites on degradation of organic dyes in water. <i>Environmental Science and Pollution Research</i> , 2022, 29, 12222-12236.	5.3	10
27	On-resin cyclization and antimicrobial activity of Laterocidin and its analogues. <i>Tetrahedron Letters</i> , 2010, 51, 1257-1261.	1.4	7
28	Controllable synthesis and adsorption mechanism of flower-like MoS ₂ /g-C ₃ N ₄ nanocomposites for the removal of methylene blue in water. <i>Journal of Nanoparticle Research</i> , 2022, 24, 1.	1.9	7
29	Protective effect of <i>Misgurnus anguillicaudatus</i> polysaccharide on immunological liver injury in mice. <i>International Immunopharmacology</i> , 2008, 8, 607-612.	3.8	6
30	Nitrogen-doped carbon-modified titanium oxides supported Pd catalyst for the electrooxidation of formic acid. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 2623-2628.	2.5	5
31	Head-to-tail cyclization for the synthesis of naturally occurring cyclic peptides on organophosphorus small-molecular supports. <i>Organic Chemistry Frontiers</i> , 2022, 9, 946-952.	4.5	3
32	A Bio-inspired smart nanochannel based on gelatin modification. <i>Chemical Physics Letters</i> , 2022, 801, 139721.	2.6	1