

Liuqun Gu

List of Publications by Year in descending order

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18
papers

716
citations

933410

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888047

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47
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docs citations

47
times ranked

1135
citing authors

#	ARTICLE	IF	CITATIONS
1	Unexpected CO ₂ Splitting Reactions To Form CO with <i>N</i> -Heterocyclic Carbenes as Organocatalysts and Aromatic Aldehydes as Oxygen Acceptors. <i>Journal of the American Chemical Society</i> , 2010, 132, 914-915.	13.7	187
2	Stimuli-responsive polymers for anti-cancer drug delivery. <i>Materials Science and Engineering C</i> , 2014, 45, 600-608.	7.3	112
3	Mesoporous poly-melamine-formaldehyde (mPMF) as a highly efficient catalyst for chemoselective acetalization of aldehydes. <i>Green Chemistry</i> , 2013, 15, 1127.	9.0	78
4	Gold-Catalyzed Direct Amination of Arenes with Azodicarboxylates. <i>Organic Letters</i> , 2011, 13, 1872-1874.	4.6	68
5	A new class of efficient poly(ethylene-glycol)-supported catalyst based on proline for the asymmetric Michael addition of ketones to nitrostyrenes. <i>Journal of Molecular Catalysis A</i> , 2007, 263, 186-194.	4.8	59
6	Efficient Oxidative Chlorination of Aromatics on Saturated Sodium Chloride Solution. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1077-1082.	4.3	52
7	4,4-Di- <i>t</i> -butyl-L-Prolines as Highly Enantioselective Catalysts for Direct Aldol Reactions. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 2223-2228.	4.3	47
8	MCF-supported boronic acids as efficient catalysts for direct amide condensation of carboxylic acids and amines. <i>Chemical Communications</i> , 2014, 50, 7017-7019.	4.1	36
9	A facile synthetic approach to a biodegradable polydisulfide MRI contrast agent. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5295-5301.	5.8	12
10	Design and synthesis of novel chiral dihydroimidazolium cyclophanes as <i>N</i> -heterocyclic carbene precatalysts. <i>Tetrahedron Letters</i> , 2012, 53, 6602-6605.	1.4	11
11	Vitamin B12-Catalyzed Acetoin Formation from Acetaldehyde: A Key Step for Upgrading Bioethanol to Bulk C ₄ Chemicals. <i>ChemSusChem</i> , 2014, 7, 2423-2426.	6.8	11
12	Photoluminescence from Chitosan for Bio-Imaging. <i>Australian Journal of Chemistry</i> , 2014, 67, 1422.	0.9	10
13	An Economical Synthesis of Caulerpin and Evaluation of Its New Anticancer Activities. <i>ChemistrySelect</i> , 2018, 3, 12406-12409.	1.5	10
14	A highly efficient thiazolyliene catalyzed acetoin formation: reaction, tolerance and catalyst recycling. <i>Chemical Communications</i> , 2014, 50, 12308-12310.	4.1	9
15	Fluorescent carbon dot (C-dot) nanoclusters. <i>Nanotechnology</i> , 2014, 25, 375601.	2.6	6
16	PEGylation Quaternary (Triphenyl) Phosphonium Tosylate: A Class of Promising Carriers for Drug Delivery and Gene Delivery?. <i>ChemistrySelect</i> , 2018, 3, 11677-11679.	1.5	3
17	Arylbaboronic acids catalyzed upgrade of glucosamines for deoxyfructosazine and insights on reaction mechanism. <i>Current Research in Green and Sustainable Chemistry</i> , 2022, 5, 100308.	5.6	2
18	Tunable Boc modification of lignin and its impact on microbial degradation rate. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 22, 100455.	3.3	0