

Xiang Liu

List of Publications by Year in descending order

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15
papers

795
citations

687363

13
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

1334
citing authors

#	ARTICLE	IF	CITATIONS
1	Supported Gold Catalysis: From Small Molecule Activation to Green Chemical Synthesis. <i>Accounts of Chemical Research</i> , 2014, 47, 793-804.	15.6	167
2	Gold-Catalyzed Direct Hydrogenative Coupling of Nitroarenes To Synthesize Aromatic Azo Compounds. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7624-7628.	13.8	125
3	Formic acid: A versatile renewable reagent for green and sustainable chemical synthesis. <i>Chinese Journal of Catalysis</i> , 2015, 36, 1461-1475.	14.0	92
4	Mild, selective and switchable transfer reduction of nitroarenes catalyzed by supported gold nanoparticles. <i>Catalysis Science and Technology</i> , 2013, 3, 3200.	4.1	85
5	Heterogeneous Gold-Catalyzed Selective Reductive Transformation of Quinolines with Formic Acid. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 753-760.	4.3	62
6	C-C Cross-Coupling of Primary and Secondary Benzylic Alcohols Using Supported Gold-Based Bimetallic Catalysts. <i>ChemSusChem</i> , 2013, 6, 604-608.	6.8	55
7	Deoxygenative coupling of nitroarenes for the synthesis of aromatic azo compounds with CO using supported gold catalysts. <i>Chemical Communications</i> , 2015, 51, 11217-11220.	4.1	41
8	Efficient and exceptionally selective semireduction of alkynes using a supported gold catalyst under a CO atmosphere. <i>Chemical Communications</i> , 2014, 50, 5626.	4.1	32
9	Supported Iridium Catalyst for the Green Synthesis of 3,3-Bis(indolyl)methanes Using Methanol As the Bridging Methylene Source. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8429-8439.	6.7	29
10	Nickel-Catalyzed Direct Cross-Coupling of Aryl Sulfonium Salt with Aryl Bromide. <i>Organic Letters</i> , 2022, 24, 1953-1957.	4.6	25
11	Gold supported on titania for specific monohydrogenation of dinitroaromatics in the liquid phase. <i>Green Chemistry</i> , 2014, 16, 4162.	9.0	23
12	Additive-free N-methylation of amines with methanol over supported iridium catalyst. <i>Catalysis Science and Technology</i> , 2021, 11, 3364-3375.	4.1	18
13	Hydrazine as Facile Nitrogen Source for Direct Synthesis of Amines over a Supported Pt Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16283-16295.	6.7	9
14	Supported Iridium Catalyst for Clean Transfer Hydrogenation of Aldehydes and Ketones using Methanol as Hydrogen Source. <i>ChemCatChem</i> , 2022, 14, .	3.7	9
15	Selective hydroconversion of 2-methylfuran to pentanols on MWNT-supported Pt catalyst at ambient temperature. <i>Rare Metals</i> , 2022, 41, 889-900.	7.1	8