Gao-Qing Yuan

List of Publications by Year
in descending order

33 papers	1,258 citations	394421 19 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	1387 citing authors

#	Article	IF	Citations
1	Ammonium iodide-induced sulfonylation of alkenes with DMSO and water toward the synthesis of vinyl methyl sulfones. Chemical Communications, 2015, 51, 210-212.	4.1	124
2	NH₄I-Mediated Three-Component Coupling Reaction: Metal-Free Synthesis of Î²-Alkoxy Methyl Sulfides from DMSO, Alcohols, and Styrenes. Organic Letters, 2015, 17, 1038-1041.	4.6	120
3	Copper-catalyzed aerobic oxidation and cleavage/formation of Câ€“S bond: a novel synthesis of aryl methyl sulfones from aryl halides and DMSO. Chemical Communications, 2012, 48, 7513.	4.1	110
4	Polystyreneâ€Supported Nâ€Heterocyclic Carbeneâ€“Silver Complexes as Robust and Efficient Catalysts for the Reaction of Carbon Dioxide and Propargylic Alcohols. Advanced Synthesis and Catalysis, 2013, 355, 2019-2028.	4.3	87
5	Efficient electrochemical synthesis of 2-arylsuccinic acids from CO2 and aryl-substituted alkenes with nickel as the cathode. Electrochimica Acta, 2008, 53, 2170-2176.	5.2	78
6	Synthesis of sulfonamides via I₂-mediated reaction of sodium sulfinates with amines in an aqueous medium at room temperature. Green Chemistry, 2015, 17, 1400-1403.	9.0	75
7	I₂/TBHP Mediated Câ€“N and Câ€“H Bond Cleavage of Tertiary Amines toward Selective Synthesis of Sulfonamides and Î²-Arylsulfonyl Enamines: The Solvent Effect on Reaction. Organic Letters, 2016, 18, 3194-3197.	4.6	68
8	Highly efficient Inâ€“Sn alloy catalysts for electrochemical reduction of CO 2 to formate. Electrochemistry Communications, 2017, 83, 24-27.	4.7	67
9	Iodine-mediated synthesis of (E)-vinyl sulfones from sodium sulfinates and cinnamic acids in aqueous medium. RSC Advances, 2015, 5, 66723-66726.	3.6	50
10	Ammonium iodide-promoted cyclization of ketones with DMSO and ammonium acetate for synthesis of substituted pyridines. RSC Advances, 2015, 5, 51183-51187.	3.6	43
11	Efficient conversion of CO2 with olefins into cyclic carbonates via a synergistic action of I2 and base electrochemically generated in situ. Electrochemistry Communications, 2013, 34, 242-245.	4.7	40
12	nBu₄NI-catalyzed oxidative cross-coupling of carbon dioxide, amines, and aryl ketones: access to O-Î²-oxoalkyl carbamates. Chemical Communications, 2017, 53, 2665-2668.	4.1	37
13	A Multicomponent Electrosynthesis of 1,5-Disubstituted and 1-Aryl 1,2,4-Triazoles. Journal of Organic Chemistry, 2018, 83, 11963-11969.	3.2	37
14	Electrocarboxylation of Alkynes with Carbon Dioxide in the Presence of Metal Salt Catalysts. Chinese Journal of Chemistry, 2010, 28, 1685-1689.	4.9	36
15	Iodine-induced synthesis of sulfonate esters from sodium sulfinates and phenols under mild conditions. RSC Advances, 2015, 5, 27439-27442.	3.6	35
16	Morphologyâ€Controlled Bi₂O₃ Nanoparticles as Catalysts for Selective Electrochemical Reduction of CO₂ to Formate. ChemElectroChem, 2018, 5, 3741-3747.	3.4	31
17	Electrocarboxylation of Carbon Dioxide with Polycyclic Aromatic Hydrocarbons Using Ni as the Cathode. Chinese Journal of Chemistry, 2010, 28, 1983-1988.	4.9	27
18	Electrosynthesis of Arylsulfonamides from Amines and Sodium Sulfinates Using H₂Oâ€NaI as the Electrolyte Solution at Room Temperature. Chinese Journal of Chemistry, 2016, 34, 1277-1282.	4.9	23

#	Article	IF	Citations
19	Electrochemically promoted synthesis of polysubstituted oxazoles from Î²-diketone derivatives and benzylamines under mild conditions. RSC Advances, 2014, 4, 24300-24303.	3.6	22
20	A highly efficient electrochemical route for the conversion of aldehydes to nitriles. Science China Chemistry, 2015, 58, 747-750.	8.2	19
21	Synthesis of cobalt A₂B triaryl corroles bearing aldehyde and amide pyridyl groups and their performance in electrocatalytic hydrogen evolution. New Journal of Chemistry, 2021, 45, 5127-5136.	2.8	18
22	A novel electrochemical conversion of CO 2 with aryl hydrazines and paraformaldehyde into 1,3,4-oxadiazol-2(3 H)-one derivatives in one step. Electrochemistry Communications, 2016, 72, 109-112.	4.7	17
23	Oneâ€Pot Synthesis of Hantzsch Pyridines via NH₄I Promoted Condensation of 1,3â€Dicarbonyl Compounds with DMSO and NH₄OAc. Chinese Journal of Chemistry, 2016, 34, 887-894.	4.9	14
24	Electrosynthesis of sulfonamides from DMSO and amines under mild conditions. Chemical Communications, 2021, 57, 3579-3582.	4.1	14
25	Porous carbon polyhedrons with exclusive Metal-NX moieties for efficient oxygen reduction reaction. International Journal of Hydrogen Energy, 2021, 46, 39882-39891.	7.1	14
26	Morphology-controllable electrochemical synthesis and photoluminescence properties of ZnO nanocrystals with porous structures. CrystEngComm, 2012, 14, 7450.	2.6	12
27	KI-catalyzed reactions of aryl hydrazines with Î±-oxocarboxylic acids in the presence of CO₂: access to 1,3,4-oxadiazol-2(3H)-ones. Organic Chemistry Frontiers, 2019, 6, 532-536.	4.5	12
28	One-pot synthesis of 1,3,4-oxadiazol-2(3H)-ones with CO₂ as a C1 synthon promoted by hypoiodite. Organic and Biomolecular Chemistry, 2019, 17, 6639-6644.	2.8	11
29	Shape-Controlled Synthesis of Cuprous Oxide Nanocrystals via the Electrochemical Route with H₂O-Polyol Mix-Solvent and Their Behaviors of Adsorption. Journal of Nanoscience and Nanotechnology, 2010, 10, 5258-5264.	0.9	9
30	Electrosynthesis of 1,3,5-trisubstituted 1,2,4-triazoles from phenylhydrazine, aldehydes and amines under mild conditions. Tetrahedron, 2022, 106-107, 132647.	1.9	6
31	The construction of C(sp³)â€“O bond via copper porphyrin catalyzed cross-dehydrogenative coupling reaction: Substituent and electronic effect of the catalysts. Synthetic Communications, 0, , 1-10.	2.1	1
32	Electrochemical synthesis of 1,2,3-trisubstituted pyrroles from Î²-dicarbonyl compounds, aldehydes and amines via radical addition reaction. Tetrahedron Letters, 2022, 90, 153615.	1.4	1
33	Copper Porphyrin-catalyzed C(sp3)-H Activation via Cross Dehydrogenative Coupling: Facile Transformation of Aldehydes to Esters. Synlett, 0, 0, .	1.8	0