

Guo-Lin Gao

List of Publications by Year in descending order

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31
papers

1,354
citations

516710

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41
docs citations

41
times ranked

1562
citing authors

#	ARTICLE	IF	CITATIONS
1	Ligand-Promoted C-3 Selective C-H Olefination of Pyridines with Pd Catalysts. <i>Journal of the American Chemical Society</i> , 2011, 133, 6964-6967.	13.7	311
2	Ligand-Promoted C3-Selective Arylation of Pyridines with Pd Catalysts: Gram-Scale Synthesis of (A±)-Preclamol. <i>Journal of the American Chemical Society</i> , 2011, 133, 19090-19093.	13.7	243
3	Synthesis of Isoquinoline Derivatives via Ag-Catalyzed Cyclization of 2-Alkynyl Benzyl Azides. <i>Journal of Organic Chemistry</i> , 2009, 74, 2893-2896.	3.2	111
4	Visible-Light Induced Trifluoromethylation of N-Arylcinnamamides for the Synthesis of CF ₃ -Containing 3,4-Disubstituted Dihydroquinolinones and 1-Azaspiro[4.5]decanes. <i>Organic Letters</i> , 2015, 17, 3478-3481.	4.6	81
5	Visible-Light-Mediated 1,7-Enyne Bicyclizations for Synthesis of Cyclopenta[<i>c</i>]quinolines and Benzo[<i>i</i>]phenanthridines. <i>Organic Letters</i> , 2016, 18, 600-603.	4.6	77
6	Pd(II)-Catalyzed C3-Selective Arylation of Pyridine with (Hetero)arenes. <i>Organic Letters</i> , 2016, 18, 744-747.	4.6	58
7	Unexpected Domino Reaction via Pd-Catalyzed Sonogashira Coupling of Benzimidoyl Chlorides with 1,6-Enynes and Cyclization To Synthesize Quinoline Derivatives. <i>Journal of Organic Chemistry</i> , 2010, 75, 1305-1308.	3.2	55
8	Anti-freezing, moisturizing, resilient and conductive organohydrogel for sensitive pressure sensors. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 584-592.	9.4	54
9	Recent Advances in Plasmon-Promoted Organic Transformations Using Silver-Based Catalysts. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54266-54284.	8.0	49
10	Metal-Free Direct Aryltrifluoromethylation of Allylic Alcohols with Langlois's Reagent through Concomitant 1,2-Aryl Migration. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 674-677.	2.7	43
11	Visible-Light-Mediated Anti-Regioselective Nitrene 1,3-Dipolar Cycloaddition Reaction and Synthesis of Bisindolymethanes. <i>Organic Letters</i> , 2017, 19, 5086-5089.	4.6	33
12	PAI/MXene sizing-based dual functional coating for carbon fiber/PEEK composite. <i>Composites Science and Technology</i> , 2021, 201, 108496.	7.8	32
13	Selective C-H trifluoromethylation of benzimidazoles through photoredox catalysis. <i>Chemical Communications</i> , 2017, 53, 1041-1044.	4.1	30
14	Visible-Light-Promoted C2 Selective Arylation of Quinoline and Pyridine N-Oxides with Diaryliodonium Tetrafluoroborate. <i>Journal of Organic Chemistry</i> , 2020, 85, 2733-2742.	3.2	29
15	1,2,3-Triazole-linked dendrimers as a support for functionalized and recoverable catalysts for asymmetric borane reduction of prochiral ketones. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 912-920.	1.8	23
16	Regioselective Synthesis of Substituted Imidate N-[1-Methyleneisobenzofuran-3(1H)-ylidene]benzenamines via Palladium-Catalyzed Tandem Heteroannulation of o-(1-Alkynyl)benzamides with Iodobenzene. <i>Synlett</i> , 2011, 2011, 1863-1870.	1.8	20
17	Flyash/polymer composite electrolyte with internal binding interaction enables highly-stable extrinsic-interfaces of all-solid-state lithium batteries. <i>Chemical Engineering Journal</i> , 2022, 428, 131041.	12.7	13
18	Visible-Light-Mediated Dehydrogenative Cross-Coupling: Synthesis of Nonsymmetrical Atropisomeric Biaryls. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1402-1407.	2.7	12

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19	Direct oxidation of the C(sp ²)–C(sp ³) bond from benzyltrimethylsilanes to phenols. <i>Chemical Communications</i> , 2017, 53, 5291-5293.	4.1	11
20	Visible-Light-Promoted C2 Trifluoromethylation of Quinoline N-Oxides. <i>Synthesis</i> , 2020, 52, 219-226.	2.3	11
21	Rapidly self-healing, magnetically controllable, stretchable, smart, moldable nanoparticle composite gel. <i>New Journal of Chemistry</i> , 2020, 44, 10586-10591.	2.8	9
22	Recent Advances in Utilities of Active Iodine Reagents as Organo- Catalysts in Organic Synthesis. <i>Current Organocatalysis</i> , 2016, 4, 33-47.	0.5	8
23	Three-dimensional printing of energetic materials: A review. <i>Energetic Materials Frontiers</i> , 2022, 3, 97-108.	3.2	8
24	Visible-Light-Induced Cyclization of Electron-Enriched Phenyl Benzyl Sulfides: Synthesis of Tetrahydrofurans and Tetrahydropyrans. <i>Synlett</i> , 2016, 27, 1391-1396.	1.8	7
25	Synthesis of Oxatricyclooctanes via Photoinduced Intramolecular Oxa-[4+2] Cycloaddition of Substituted <i>ortho</i> -Divinylbenzenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 7856-7868.	3.2	7
26	An Addition of Terminal Alkynes to Phthalazinone Catalyzed by Copper. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2332-2336.	4.3	5
27	Enhancement of electronic and optoelectronic performance of multilayer InSe via strain engineering. <i>Semiconductor Science and Technology</i> , 2020, 35, 055016.	2.0	4
28	UV light-mediated decarboxylative cross-Coupling reaction of aryl acetic acids. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 355, 298-304.	3.9	3
29	A metallosupramolecular polymer deposited <i>via</i> inkjet printing for fast-switching pixelated electrochromic devices. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3353-3359.	5.5	3
30	Na ₂ S ₂ O ₈ Promoted Direct Thiocyanates from Thiols: a Practical Method for the Synthesis of Thiocyanates. <i>Chinese Journal of Organic Chemistry</i> , 2017, 37, 480.	1.3	2
31	Plasmonic Heating-Promoted Photothermal Synthesis of β -Cyanoacrylonitriles Over Au/h-BN Catalysts. <i>Frontiers in Chemistry</i> , 2021, 9, 732162.	3.6	1