

Yuzhen Gao

List of Publications by Year in descending order

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papers

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279798

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#	ARTICLE	IF	CITATIONS
1	Oxone [®] -mediated halocyclization/demethylation of 2-alkynylthioanisoles with sodium halides towards 3-halobenzo[b]thiophenes. <i>Tetrahedron Letters</i> , 2022, 90, 153614.	1.4	5
2	Cascade Radical Annulation of 2-Alkynylthio(seleno)anisoles with Acetone or Acetonitrile: Synthesis of 3-Acetomethyl- or Cyanomethyl-Substituted Benzothio(seleno)phenes. <i>Journal of Organic Chemistry</i> , 2021, 86, 1002-1011.	3.2	16
3	Palladium-catalyzed remote <i>para</i> -C-H activation of arenes assisted by a recyclable pyridine-based template. <i>Chemical Science</i> , 2021, 12, 4126-4131.	7.4	17
4	Radical Cascade Bicyclization/Aromatization of 1,7-Enynes with 1,3-Dicarbonyl Compounds towards 2,3-Dihydro-1,4-cyclopenta[<i>a</i>]naphthalenes. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3750-3755.	4.3	6
5	Synthesis of 2-Substituted Benzothio(seleno)phenes and Indoles <i>via</i> Ag-Catalyzed Cyclization/Demethylation of 2-Alkynylthio(seleno)anisoles and 2-Alkynyldimethylanilines. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 653-656.	2.4	6
6	Photoinduced Phosphorylation/Cyclization of Cyanoaromatics for Divergent Access to Mono- and Diphosphorylated Polyheterocycles. <i>Organic Letters</i> , 2021, 23, 9348-9352.	4.6	13
7	Rh(<i>scpv</i>)-Catalyzed regioselective arylcarboxylation of acrylamides with arylboronic acids and CO ₂ . <i>Green Chemistry</i> , 2020, 22, 7328-7332.	9.0	11
8	Visible-Light-Driven Reductive Carboarylation of Styrenes with CO ₂ and Aryl Halides. <i>Journal of the American Chemical Society</i> , 2020, 142, 8122-8129.	13.7	171
9	Palladium-Catalyzed C(sp ²)-H Olefination of Free Primary and Secondary 2-Phenylethylamines: Access to Tetrahydroisoquinolines. <i>Journal of Organic Chemistry</i> , 2019, 84, 13003-13012.	3.2	15
10	Ag-Mediated Radical Cyclization of 2-Alkynylthio(seleno)anisoles: Direct Synthesis of 3-Phosphinoylbenzothio(seleno)phenes. <i>Organic Letters</i> , 2019, 21, 4605-4608.	4.6	35
11	Ligand Promoted, Palladium-Catalyzed C(sp ²)-H Arylation of Free Primary 2-Phenylethylamines. <i>Organic Letters</i> , 2019, 21, 4224-4228.	4.6	15
12	Rhodium(I)-Catalyzed Aryl C-H Carboxylation of 2-Arylanilines with CO ₂ . <i>Organic Letters</i> , 2019, 21, 3663-3669.	4.6	65
13	Palladium-Catalyzed Direct C-H Carbonylation of Free Primary Benzylamines: A Synthesis of Benzolactams. <i>Organic Letters</i> , 2018, 20, 2595-2598.	4.6	60
14	Cascade Annulation of 2-Alkynylthioanisoles with Unsaturated α -Bromocarbonyls Leading to Thio-Benzobicyclic Skeletons. <i>Journal of Organic Chemistry</i> , 2018, 83, 13726-13733.	3.2	9
15	Rhodium(II)-Catalyzed Aryl C-H Carboxylation of 2-Pyridylphenols with CO ₂ . <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4005-4011.	4.3	30
16	Mixed Anhydrides of Nucleotides and Amino Acids Give Dipeptides: A Model System for Studying the Origin of the Genetic Code?. <i>ChemistrySelect</i> , 2018, 3, 7849-7855.	1.5	4
17	Recent Advances of Phosphorus-Centered Radical Promoted Difunctionalization of Unsaturated Carbon-Carbon Bonds. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 62.	1.3	31
18	Recent progress toward organophosphorus compounds based on phosphorus-centered radical difunctionalizations. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 589-596.	1.6	72

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19	Mn(OAc) ₃ -Mediated Synthesis of 3-Phosphonyldihydrofurans from β^2 -Ketophosphonates and Alkenes. <i>Synlett</i> , 2017, 28, 724-728.	1.8	4
20	Copper-Catalyzed Cascade Radical Addition–Cyclization Halogen Atom Transfer between Alkynes and Unsaturated β -Halogenocarbonyls. <i>ACS Catalysis</i> , 2017, 7, 186-190.	11.2	35
21	Direct synthesis of 2-sulfonated 9H-pyrrolo[1,2-a]indoles via NaI-catalyzed cascade radical addition/cyclization/isomerization. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1350-1353.	4.5	40
22	Phosphorothiolation of Aryl Boronic Acids Using P(O)H Compounds and Elemental Sulfur. <i>Organic Letters</i> , 2016, 18, 1266-1269.	4.6	84
23	Copper–Catalyzed Cycloaddition between Secondary Phosphine Oxides and Alkynes: Synthesis of Benzophosphole Oxides. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 138-142.	4.3	57
24	Cascade Phosphinylation/Cyclization/Isomerization Process for the Synthesis of 2-Phosphinoyl-9H-pyrrolo[1,2-a]indoles. <i>Organic Letters</i> , 2016, 18, 5712-5715.	4.6	56
25	Synthesis of 3-phosphinoylquinolines via a phosphinylation–cyclization–aromatization process mediated by tert-butyl hydroperoxide. <i>RSC Advances</i> , 2016, 6, 60922-60925.	3.6	27
26	Copper-catalyzed cycloaddition between hydrogen phosphonates and activated alkenes: synthesis of phosphonoisoquinolinediones. <i>RSC Advances</i> , 2016, 6, 303-306.	3.6	34
27	A Cascade Phosphinylation/Cyclization/Desulfonylation Process for the Synthesis of 3-Phosphinoylindoles. <i>Organic Letters</i> , 2016, 18, 1242-1245.	4.6	81
28	tert-Butyl Hydroperoxide Mediated Cascade Synthesis of 3-Arylsulfonylquinolines. <i>Organic Letters</i> , 2016, 18, 1286-1289.	4.6	89
29	Mn(OAc) ₃ -mediated arylation–lactonization of alkenoic acids: synthesis of β^3, β^3 -disubstituted butyrolactones. <i>RSC Advances</i> , 2015, 5, 36167-36170.	3.6	15
30	Copper-Catalyzed Phosphonation–Annulation Approaches to the Synthesis of β^2 -Phosphonotetrahydrofurans Involving C–P and C–O Bonds Formation. <i>Journal of Organic Chemistry</i> , 2015, 80, 11398-11406.	3.2	42
31	Mn(OAc) ₃ -mediated phosphonation–lactonization of alkenoic acids: synthesis of phosphono- β^3 -butyrolactones. <i>Chemical Communications</i> , 2015, 51, 1605-1607.	4.1	49
32	Copper-Catalyzed Oxidative Electrophilic Carbofunctionalization of Acrylamides for the Synthesis of Oxindoles. <i>Synlett</i> , 2014, 25, 2009-2012.	1.8	10
33	Cleavage of phosphorus-carbon (P-C) bonds of β -amino phosphonates with intramolecular hydrogen migration in the gas phase using electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1964-1970.	1.5	4
34	Synthesis of Diarylmethanes through Palladium-Catalyzed Coupling of Benzylic Phosphates with Arylsilanes. <i>Synlett</i> , 2014, 25, 2928-2932.	1.8	19
35	Synthesis of 6-Phenanthridinephosphonates via a Radical Phosphonation and Cyclization Process Mediated by Manganese(III) Acetate. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 691-694.	2.7	33
36	Tetrabutylammonium Iodide–Catalyzed Phosphorylation of Benzyl C–H Bonds via a Cross-Dehydrogenative Coupling (CDC) Reaction. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3331-3335.	4.3	48

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37	Mn(OAc) ₃ -mediated synthesis of β -hydroxyphosphonates from P(O)H compounds and alkenes. RSC Advances, 2014, 4, 51776-51779.	3.6	41
38	Direct Transformation of Amides into β -Amino Phosphonates <i>via</i> a Reductive Phosphination Process. Organic Letters, 2013, 15, 4214-4217.	4.6	72
39	Copper-Catalyzed Synthesis of Alkylphosphonates from <i>H</i> -Phosphonates and <i>N</i> -Tosylhydrazones. Advanced Synthesis and Catalysis, 2012, 354, 2659-2664.	4.3	77