

Xiaomin Xie

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Bulky and Electron-Rich MOP-type Ligands and Their Applications in Palladium-Catalyzed C ^α -N Bond Formation. <i>Journal of Organic Chemistry</i> , 2006, 71, 6522-6529.	3.2	116
2	Sodium Sulfite-Involved Photocatalytic Radical Cascade Cyclization of 2-Isocyanoaryl Thioethers: Access to 2-CF ₂ /CF ₃ -Containing Benzothiazoles. <i>Organic Letters</i> , 2019, 21, 469-472.	4.6	57
3	Visible light-induced intramolecular dearomative cyclization of α -bromo-N-benzyl-alkylamides: efficient construction of 2-azaspiro[4.5]decanes. <i>Chemical Communications</i> , 2016, 52, 3709-3712.	4.1	53
4	Visible-Light-Induced Photocatalytic Aerobic Oxidation/Povarov Cyclization Reaction: Synthesis of Substituted Quinoline-Fused Lactones. <i>Journal of Organic Chemistry</i> , 2016, 81, 8770-8776.	3.2	44
5	Visible-Light-Driven Dearomatization Reaction toward the Formation of Spiro[4.5]deca-1,6,9-trien-8-ones. <i>Organic Letters</i> , 2020, 22, 528-532.	4.6	44
6	Diastereo- and Enantioselective Asymmetric Hydrogenation of α -Amido- β -keto Phosphonates via Dynamic Kinetic Resolution. <i>Organic Letters</i> , 2013, 15, 72-75.	4.6	41
7	Coordination determined chemo- and enantioselectivities in asymmetric hydrogenation of multi-functionalized ketones. <i>Coordination Chemistry Reviews</i> , 2018, 355, 39-53.	18.8	39
8	Palladium-Catalyzed Amidation of Aryl Halides Using 2-Dialkylphosphino-2-alkoxy-1,1'-binaphthyl as Ligands. <i>Journal of Organic Chemistry</i> , 2012, 77, 5279-5285.	3.2	38
9	Palladium-catalyzed coupling reaction of amino acids (esters) with aryl bromides and chlorides. <i>Tetrahedron</i> , 2011, 67, 9405-9410.	1.9	34
10	Ru-Catalyzed Asymmetric Hydrogenation of β -Heteroatom Substituted α -Keto Esters. <i>Journal of Organic Chemistry</i> , 2011, 76, 9444-9451.	3.2	34
11	Visible-Light-Induced Intermolecular Dearomative Cyclization of 2-Bromo-1,3-dicarbonyl Compounds and Alkynes: Synthesis of Spiro[4.5]deca-1,6,9-trien-8-ones. <i>Organic Letters</i> , 2018, 20, 5762-5765.	4.6	34
12	Synthesis of 3-CF ₂ -Containing Chromones via a Visible-Light-Induced Radical Cascade Reaction of α -Hydroxyaryl Enaminones. <i>ACS Omega</i> , 2017, 2, 3168-3174.	3.5	32
13	Visible Light-Induced Radical Rearrangement to Construct C-C Bonds via an Intramolecular Aryl Migration/Desulfonylation Process. <i>Journal of Organic Chemistry</i> , 2016, 81, 7036-7041.	3.2	28
14	Potassium Hydroxide-Catalyzed Chemoselective Reduction of Cyclic Imides with Hydrosilanes: Synthesis of α -Hydroxylactams and Lactams. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1241-1250.	4.3	28
15	Ru-catalyzed highly chemo- and enantioselective hydrogenation of β -halo- β , β' -unsaturated- α -keto esters under neutral conditions. <i>Chemical Communications</i> , 2012, 48, 5352.	4.1	27
16	The coupling reactions of aryl halides and phenols catalyzed by γ -palladium and MOP-type ligands. <i>Tetrahedron</i> , 2015, 71, 4927-4932.	1.9	27
17	Visible-Light-Induced Intermolecular Dearomative Cyclization of Furans: Synthesis of 1-Oxaspiro[4.4]nona-3,6-dien-2-one. <i>Journal of Organic Chemistry</i> , 2019, 84, 1461-1467.	3.2	24
18	Acid-labile β -ketal- α -hydroxy esters by asymmetric hydrogenation of corresponding β -ketal- α -keto esters in the presence of CaCO ₃ . <i>Chemical Communications</i> , 2012, 48, 4247.	4.1	23

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19	Nickel-Catalyzed Hydrosilylation of Terminal Alkenes with Primary Silanes via Electrophilic Silicon-Hydrogen Bond Activation. <i>Organic Letters</i> , 2021, 23, 1434-1439.	4.6	23
20	Effects of solvent and base on the palladium-catalyzed amination: PdCl ₂ (Ph ₃ P) ₂ /Ph ₃ P-catalyzed selective arylation of primary anilines with aryl bromides. <i>Tetrahedron</i> , 2014, 70, 4754-4759.	1.9	22
21	Zinc-Catalyzed Selective Reduction of Cyclic Imides with Hydrosilanes: Synthesis of α -Hydroxylactams. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1013-1021.	4.3	22
22	An Enantioselective Approach to 4-O-Protected-2-cyclopentene-1,4-diol Derivatives via a Rhodium-Catalyzed Redox-Isomerization Reaction. <i>Journal of Organic Chemistry</i> , 2015, 80, 12572-12579.	3.2	20
23	Visible-light induced tandem radical cyanomethylation and cyclization of N-aryl acrylamides: access to cyanomethylated oxindoles. <i>RSC Advances</i> , 2017, 7, 49299-49302.	3.6	20
24	Visible-Light-Induced Radical Cascade Cyclization: Synthesis of the ABCD Ring Cores of Camptothecins. <i>Journal of Organic Chemistry</i> , 2018, 83, 2840-2846.	3.2	19
25	Merging Visible-Light Photoredox and Lewis Acid Catalysis for the Intramolecular Aza-Diels-Alder Reaction: Synthesis of Substituted Chromeno[4,3-b]quinolines and [1,6]Naphthyridines. <i>ChemCatChem</i> , 2018, 10, 2878-2886.	3.7	18
26	Combining Visible-Light-Photoredox and Lewis Acid Catalysis for the Synthesis of Indolizino[1,2-b]quinolin-9(11H)-ones and Irinotecan Precursor. <i>Organic Letters</i> , 2018, 20, 80-83.	4.6	18
27	Photocatalytic Radical <i>ortho</i> -Dearomative Cyclization: Access to Spiro[4.5]deca-1,7,9-trien-6-ones. <i>Journal of Organic Chemistry</i> , 2021, 86, 3697-3705.	3.2	18
28	Cationic-Rhodium-Catalyzed Kinetic Resolution of Allylic Alcohols through a Redox Isomerization Reaction in a Noncoordinating Solvent. <i>ChemCatChem</i> , 2013, 5, 1317-1320.	3.7	17
29	Visible-light-induced intramolecular radical cascade of β -bromo- α -benzyl-alkylamides: a new strategy to synthesize tetracyclic α -N-fused indolo[2,1-a]isoquinolin-6(5H)-ones. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 263-271.	2.8	17
30	Ruthenium-Catalyzed Enantioselective Hydrogenation/Lactonization of 2-acylarylcarboxylates: Direct Access to Chiral 3-Substituted Phthalides. <i>ChemCatChem</i> , 2017, 9, 3989-3996.	3.7	16
31	Dynamic kinetic resolution of β -keto- α -amino esters using Ru-DTBM-Sunphos catalyzed asymmetric hydrogenation. <i>Tetrahedron</i> , 2013, 69, 7152-7156.	1.9	15
32	Visible light-induced aerobic C-N bond activation: a photocatalytic strategy for the preparation of 2-arylpyridines and 2-arylquinolines. <i>RSC Advances</i> , 2016, 6, 48315-48318.	3.6	15
33	Reduction of Benzolactams to Isoindoles via an Alkoxide-Catalyzed Hydrosilylation. <i>Organic Letters</i> , 2017, 19, 6048-6051.	4.6	15
34	Ru-catalyzed hydrogenation of 3,5-diketo amides: simultaneous control of chemo- and enantioselectivity. <i>Chemical Communications</i> , 2012, 48, 8976.	4.1	14
35	Visible-light-induced cascade dearomatization cyclization between alkynes and indole-derived bromides: a facile strategy to synthesize spiroindolenines. <i>Chemical Communications</i> , 2020, 56, 14047-14050.	4.1	13
36	Ruthenium-Catalyzed Enantioselective Hydrogenation of Ferrocenyl Ketones: A Synthetic Method for Chiral Ferrocenyl Alcohols. <i>Journal of Organic Chemistry</i> , 2015, 80, 9563-9569.	3.2	12

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37	Ru-catalyzed asymmetric hydrogenation of β -keto Weinreb amides: enantioselective synthesis of (+)-Centrolbine. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2723-2730.	2.8	12
38	Highly Diastereo- and Enantioselective Access to <i>syn</i> - β -Amido β -Hydroxy Esters via Ruthenium-Catalyzed Dynamic Kinetic Resolution-Asymmetric Hydrogenation. <i>Journal of Organic Chemistry</i> , 2019, 84, 3201-3213.	3.2	11
39	Distinct Catalytic Performance of Dirhodium(II) Complexes with <i>ortho</i> -Metalated DPPP in Dehydrosilylation of Styrene Derivatives with Alkoxyasilanes. <i>ACS Catalysis</i> , 2021, 11, 10190-10197.	11.2	11
40	Ru-catalyzed highly enantioselective hydrogenation of β -keto Weinreb amides. <i>Science China Chemistry</i> , 2013, 56, 342-348.	8.2	10
41	Cyanation of Unactivated Aryl Chlorides and Aryl Mesylates Catalyzed by Palladium and Hemilabile MOP-Type Ligands. <i>Synlett</i> , 2014, 25, 2938-2942.	1.8	10
42	Visible-Light-Induced Radical Cascade Cyclization: Synthesis of (2 <i>S</i>)-Camptothecin, SN-38 and Irinotecan. <i>Chinese Journal of Chemistry</i> , 2018, 36, 1035-1040.	4.9	10
43	[Rh(COD)Cl] ₂ /PPh ₃ -Catalyzed Dehydrogenative Silylation of Styrene Derivatives with NBE as a Hydrogen Acceptor. <i>Organometallics</i> , 2020, 39, 3780-3788.	2.3	10
44	Alkoxide-Catalyzed Hydrosilylation of Cyclic Imides to Isoquinolines via Tandem Reduction and Rearrangement. <i>Organic Letters</i> , 2018, 20, 5610-5613.	4.6	9
45	Stereoselective Synthesis of <i>cis</i> -2-Ene-1,4-diones via Aerobic Oxidation of Substituted Furans Catalyzed by ABNO/HNO ₃ . <i>Journal of Organic Chemistry</i> , 2021, 86, 14311-14320.	3.2	9
46	Ru-Catalyzed Chemo- and Enantioselective Hydrogenation of 2,4-Pentadien-1-ones: Synthesis of Chiral 2,4-Pentadien-1-ols. <i>Journal of Organic Chemistry</i> , 2019, 84, 16086-16094.	3.2	8
47	PdCl ₂ (Ph ₃ P) ₂ /Salicylaldimine Catalyzed Diarylation of Anilines with Unactivated Aryl Chlorides. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1749-1754.	4.9	6
48	Tri(pentafluorophenyl)borane-catalyzed reduction of cyclic imides with hydrosilanes: Synthesis of pyrrolidines. <i>Tetrahedron</i> , 2018, 74, 1144-1150.	1.9	6
49	Ru-Catalyzed Chemo- and Enantioselective Hydrogenation of β -Diketones Assisted by the Neighboring Heteroatoms. <i>Organic Letters</i> , 2019, 21, 5509-5513.	4.6	6
50	A General and Facile Approach for the Synthesis of 2-Functionalized 1,1'-Binaphthyl-2-ols. <i>Chinese Journal of Chemistry</i> , 2010, 28, 1630-1634.	4.9	5