Jin-Wei Yuan

List of Publications by Year
in descending order

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80 papers	2,181 citations	236925 25 h-index	233421 45 g-index
93 all docs	93 docs citations	93 times ranked	1468 citing authors

#	Article	IF	Citations
1	nBu4NI-catalyzed direct synthesis of Î±-ketoamides from aryl methyl ketones with dialkylformamides in water using TBHP as oxidant. Chemical Communications, 2012, 48, 10117.	4.1	158
2	Transition Metalâ€Free Direct Câ€3 Arylation of Quinoxalinâ€2(1H)â€ones with Arylamines under Mild Conditions. Advanced Synthesis and Catalysis, 2017, 359, 4197-4207.	4.3	134
3	Transition-metal-free direct C-3 alkylation of quinoxalin-2(1H)-ones with ethers. Organic Chemistry Frontiers, 2018, 5, 2820-2828.	4.5	117
4	Metal-free oxidative coupling of quinoxalin-2(1H)-ones with arylaldehydes leading to 3-acylated quinoxalin-2(1H)-ones. Organic and Biomolecular Chemistry, 2018, 16, 3203-3212.	2.8	113
5	Silver-Catalyzed Radical Tandem Cyclization for the Synthesis of 3,4-Disubstituted Dihydroquinolin-2(1H)-ones. Organic Letters, 2014, 16, 204-207.	4.6	112
6	Silver-Catalyzed Radical Tandem Cyclization: An Approach to Direct Synthesis of 3-Acyl-4-arylquinolin-2(1H)-ones. Journal of Organic Chemistry, 2014, 79, 8094-8102.	3.2	105
7	Copper-catalyzed oxidative coupling of quinoxalin-2(1H)-ones with alcohols: access to hydroxyalkylation of quinoxalin-2(1H)-ones. Organic Chemistry Frontiers, 2018, 5, 3382-3390.	4.5	105
8	Transition-metal-free decarboxylative C3-difluoroarylmethylation of quinoxalin-2(1H)-ones with Î±,Î±-difluoroarylacetic acids. Organic Chemistry Frontiers, 2019, 6, 1173-1182.	4.5	100
9	Copperâ€Catalyzed Direct Câ€3 Benzylation of Quinoxalinâ€2(1H)â€ones with Methylarenes under Microwave Irradiation. European Journal of Organic Chemistry, 2018, 2018, 4113-4120.	2.4	87
10	Silver catalyzed decarboxylative direct C2-alkylation of benzothiazoles with carboxylic acids. Chemical Communications, 2014, 50, 2018.	4.1	83
11	Highly efficient copper-catalyzed direct Câ€“H amidation of quinoxalin-2(1H)-ones with amidates under microwave irradiation. Organic Chemistry Frontiers, 2019, 6, 925-935.	4.5	61
12	Transition-metal free direct Câ€“H functionalization of quinoxalin-2(1H)-ones with oxamic acids leading to 3-carbamoyl quinoxalin-2(1H)-ones. Organic Chemistry Frontiers, 2020, 7, 273-285.	4.5	45
13	Cu/Ag-catalyzed double decarboxylative cross-coupling reaction between cinnamic acids and aliphatic acids in aqueous solution. RSC Advances, 2013, 3, 19264.	3.6	44
14	Palladium-catalyzed oxidative amidation of quinoxalin-2(1H)-ones with acetonitrile: a highly efficient strategy toward 3-amidated quinoxalin-2(1H)-ones. Organic and Biomolecular Chemistry, 2019, 17, 876-884.	2.8	43
15	Silver-Catalyzed 2-Pyridyl Arylation of Pyridine N-Oxides with Arylboronic Acids at Room Temperature. Synlett, 2012, 2012, 145-149.	1.8	42
16	Recent Advances on the Catalytic Functionalization of Quinoxalin- 2(1H)-ones via C-H Bond Activation. Chinese Journal of Organic Chemistry, 2019, 39, 1529.	1.3	42
17	nBu4NI-catalyzed unexpected amide bond formation between aldehydes and aromatic tertiary amines. RSC Advances, 2013, 3, 3869.	3.6	41
18	Hâ€Phosphonateâ€Mediated Amination of Quinoline Nâ€Oxides with Tertiary Amines: A Mild and Metalâ€Free Synthesis of 2â€Dialkylaminoquinolines. Advanced Synthesis and Catalysis, 2014, 356, 1979-1985.	4.3	39

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19	Silver catalysed decarboxylative alkylation and acylation of pyrimidines in aqueous media. Organic and Biomolecular Chemistry, 2015, 13, 2750-2755.	2.8	38
20	Silver-catalyzed direct Csp2-H radical phosphorylation of coumarins with H-phosphites. Tetrahedron, 2015, 71, 8178-8186.	1.9	38
21	AgNO₃-catalyzed direct Câ€“H arylation of quinolines by oxidative decarboxylation of aromatic carboxylic acids. Organic Chemistry Frontiers, 2017, 4, 545-554.	4.5	33
22	Ultrasonic-assisted synthesis of chrysin derivatives linked with 1,2,3-triazoles by 1,3-dipolar cycloaddition reaction. Ultrasonics Sonochemistry, 2011, 18, 527-533.	8.2	31
23	Transition-metal free C3-amidation of quinoxalin-2(1H)-ones using Selectfluor as a mild oxidant. Organic and Biomolecular Chemistry, 2019, 17, 10178-10187.	2.8	29
24	Chelating palladium complexes containing pyridine/pyrimidine hydroxyalkyl di-functionalized N-heterocyclic carbenes: synthesis, structure, and catalytic activity towards Câ€“H activation. RSC Advances, 2015, 5, 107601-107607.	3.6	26
25	Iron-catalyzed regioselective direct coupling of aromatic aldehydes with coumarins leading to 3-aroyl coumarins. RSC Advances, 2015, 5, 88258-88265.	3.6	26
26	KMnO₄/AcOH-mediated C3-selective direct arylation of coumarins with arylboronic acids. RSC Advances, 2016, 6, 35936-35944.	3.6	26
27	Palladium-Catalyzed Benzylic Cross-Couplings of Pyridine N-Oxides. Synlett, 2012, 23, 938-942.	1.8	25
28	A Novel and Facile Synthesis of Chromanâ€4â€one Derivatives via Cascade Radical Cyclization Under Metalâ€free Condition. ChemistrySelect, 2019, 4, 1939-1942.	1.5	21
29	Room Temperature Chemoselective Deoxygenation of Aromatic Ketones and Aldehydes Promoted by a Tandem Pd/TiO₂ + FeCl₃ Catalyst. Journal of Organic Chemistry, 2018, 83, 11067-11073.	3.2	19
30	Silver-catalyzed direct regioselective phosphonation of Î²-aryl-Î±, Î²-unsaturated carbonyl compounds with H-phosphites under microwave irradiation. Tetrahedron, 2016, 72, 3084-3091.	1.9	18
31	Silver-catalyzed synthesis of 2-arylvinylphosphonates by cross-coupling of Î²-nitrostyrenes with H-phosphites. RSC Advances, 2016, 6, 87058-87065.	3.6	18
32	NCN pincer palladium complexes based on 1,3-dipicolyl-3,4,5,6-tetrahydropyrimidin-2-ylidenes: synthesis, characterization and catalytic activities. RSC Advances, 2015, 5, 25723-25729.	3.6	17
33	Metal-free trifluoroethylation of activated alkenes: rapid access toÂconstruct fluorinated 3,3-disubstituted 2-oxindoles. Tetrahedron, 2015, 71, 8416-8423.	1.9	17
34	Cu(OAc)2-catalyzed direct radical C2 arylation of quinoline N-oxide with arylamines. Tetrahedron, 2017, 73, 2267-2275.	1.9	17
35	KMnO4-mediated direct C2-selective Câˆ’H arylation of quinoline N-oxides with aromatic hydrazines. Tetrahedron, 2017, 73, 179-186.	1.9	17
36	Copper-catalysed difluoroalkylation of aromatic aldehydes via a decarboxylation/aldol reaction. Organic and Biomolecular Chemistry, 2017, 15, 7654-7659.	2.8	17

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37	Fluorination-triggered tandem cyclization of styrene-type carboxylic acids to access 3-aryl isocoumarin derivatives under microwave irradiation. Organic and Biomolecular Chemistry, 2019, 17, 5038-5046.	2.8	17
38	Silver-catalyzed direct Câ€“H oxidative carbamoylation of quinolines with oxamic acids. Organic and Biomolecular Chemistry, 2020, 18, 2747-2757.	2.8	16
39	Simple, efficient one-pot method for synthesis of novel N-attached 1,2,3-triazole containing bisphosphonates. Tetrahedron, 2013, 69, 4047-4052.	1.9	14
40	Synthesis and Spectroscopic Characterization of Some New Piperazine Phosphoramide Derivatives of 4-Hydroxycoumarin. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 245-254.	1.6	13
41	KMnO 4 -mediated direct selective radical cross-coupling: An effective strategy for C2 arylation of quinoline N -oxide with arylboronic acids. Chinese Chemical Letters, 2017, 28, 981-985.	9.0	13
42	Site-specific Câ€“H chalcogenation of quinoxalin-2(1H)-ones enabled by Selectfluor reagent. Organic Chemistry Frontiers, 2021, 8, 6937-6949.	4.5	13
43	Inclusion complexes of phosphorylated daidzein derivatives with Î²-cyclodextrin: Preparation and inclusion behavior study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 85, 298-302.	3.9	12
44	Catalytic activity of chelating N-heterocyclic carbene palladium complexes towards selective phosphorylation of coumarins. Journal of Organometallic Chemistry, 2016, 818, 179-184.	1.8	11
45	Metal-free synthesis of (E)-vinyl sulfones via denitrative coupling reactions of Î²-nitrostyrenes with sodium sulfinates. Phosphorus, Sulfur and Silicon and the Related Elements, 2018, 193, 771-779.	1.6	11
46	Visible-Light-Induced Regioselective ortho-Câ€”H Phosphonylation of Î²-Naphthols with Diarylphosphine Oxides. Chinese Journal of Organic Chemistry, 2021, 41, 4738.	1.3	11
47	Synthesis of Phosphoryl Amino Acids Chrysin Esters. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 603-609.	1.6	9
48	Synthesis of the Novel Phosphoramidate Derivatives of Chrysin. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 274-278.	1.6	9
49	Regioselective C-3 arylation of coumarins with arylhydrazines via radical oxidation by potassium permanganate. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2016, 71, 1115-1123.	0.7	9
50	Progress in the Synthesis of Arylated Coumarin Derivatives. Chinese Journal of Organic Chemistry, 2018, 38, 316.	1.3	9
51	Selectfluor-mediated construction of 3-arylselenenyl and 3,4-bisarylselenenyl spiro[4.5]trienones via cascade annulation of N-phenylpropiolamides with diselenides. New Journal of Chemistry, 2022, 46, 9451-9460.	2.8	9
52	Synthesis of Novel Phosphorylated Daidzein Derivatives and ESI Investigation on Their Nonâ€Covalent Complexes with Lysozyme. Chinese Journal of Chemistry, 2007, 25, 1008-1013.	4.9	8
53	Transition-metal catalyzed oxidative spirocyclization of N-aryl alkynamides with methylarenes under microwave irradiation. Organic and Biomolecular Chemistry, 2021, 19, 10348-10358.	2.8	8
54	Visible-light-induced tandem difluoroalkylated spirocyclization of N-arylpropiolamides: access to C3-difluoroacetylated spiro[4,5]trienones. New Journal of Chemistry, 2022, 46, 4470-4482.	2.8	8

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55	A Convenient Synthesis of Novel Phosphoramide Mustard Analogues of 2-Arylquinolone. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 2936-2944.	1.6	7
56	An Efficient Synthesis of Mono and Bisâ€1,2,3â€triazole AZT Derivatives via Copper(I)â€catalyzed Cycloaddition. Journal of the Chinese Chemical Society, 2011, 58, 24-30.	1.4	7
57	Synthesis of a Novel Type of Phosphoramidate Derivatives of 2â€Arylquinolone. Journal of the Chinese Chemical Society, 2009, 56, 51-58.	1.4	6
58	Nickelâ€Catalyzed Carbonâ€Sulfur Bond Formation through Couplings of Aryl Iodides and Aryl Ethanethioates. ChemistrySelect, 2020, 5, 9908-9910.	1.5	6
59	Synthesis of a Novel Type of Phosphates of Puerarin. Journal of the Chinese Chemical Society, 2007, 54, 583-585.	1.4	5
60	A novel and facile synthesis of 4-arylquinolin-2(1H)-ones under metal-free conditions. Chinese Chemical Letters, 2015, 26, 977-979.	9.0	5
61	Novel synthesis of steryl esteryl esters from Î²-sitosterol and N-phosphoryl amino acid under microwave irradiation. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1358-1361.	1.6	5
62	An Efficient Synthesis of 1,2,3-Triazole Bridge-Connected Phosphonate Derivatives of Coumarin. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 961-971.	1.6	4
63	n Bu4NI-catalyzed direct amination of benzoxazoles with tertiary amines using TBHP as oxidant under microwave irradiation. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2016, 71, 317-325.	0.7	4
64	Ammonium iodide-promoted unprecedented arylsulfonylation of quinone with sodium arylsulfinates. Tetrahedron, 2017, 73, 6763-6772.	1.9	4
65	Synthesis of New Types of Nâ€Arylpiperazine Phosphoramide Analogues of Chrysin. Journal of the Chinese Chemical Society, 2010, 57, 144-148.	1.4	3
66	Synthesis and Characterization of Phosphoramide Piperazine Analogs of Paeonol. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 404-410.	1.6	3
67	Ultrasound-assisted regioselective synthesis of aminomethylated daidzein derivatives via Mannich reaction. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2015, 70, 727-734.	0.7	3
68	Efficient synthesis of novel Î²-sitosterol scaffolds containing 1,2,3-triazole via copper(I)-catalyzed click reaction under microwave irradiation. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 717-724.	0.7	3
69	Chalcogenative spirocyclization of N-aryl propiolamides with diselenides/disulfides promoted by Selectfluor. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2022, 77, 75-85.	0.7	3
70	Metal-free catalyzed arylsulfonylation of chloroquinoline with sodium arylsulfinates under microwave irradiation. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 295-303.	0.7	2
71	Catalytic activity of chiral chelating N-heterocyclic carbene palladium complexes towards asymmetric allylic alkylation. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 780-788.	1.6	2
72	CuI-Catalyzed Regioselective Synthesis of 3-Arylcoumarins with Arylamines under Mild Conditions. Chinese Journal of Organic Chemistry, 2022, 42, 631.	1.3	2

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73	ESI Investigation of Non-Covalent Complexes between Phosphorylated Daidzein Derivatives and Insulin. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 527-537.	1.6	1
74	Mg(OCH3)2-mediated one-pot synthesis of Î±-aminophosphonate derivatives of cytosine under mild conditions. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 563-571.	0.7	1
75	Progress in the Synthesis of 2-Aminobenzoxazole Derivatives. Chinese Journal of Organic Chemistry, 2016, 36, 2634.	1.3	1
76	Synthesis of Novel Piperazine Phosphoramidate Analogues of 2-Arylquinolones. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 1516-1520.	1.6	0
77	Synthesis and Characterization of Novel Unnatural di(8-Daidzeinyl)Methane. Chemistry of Natural Compounds, 2014, 50, 76-79.	0.8	0
78	3-Benzoyl-7-methoxy-2H-chromen-2-one. IUCrData, 2017, 2, .	0.3	0
79	Dimethyl (7-hydroxy-4-methyl-2-oxo-2H-chromen-3-yl)phosphonate. IUCrData, 2017, 2, .	0.3	0
80	Dibromido[N-(1-diethylamino-1-oxo-3-phenylpropan-2-yl)-Nâ€²-(pyridin-2-yl)imidazol-2-ylidene]palladium(II) dichloromethane monosolvate. IUCrData, 2019, 4, .	0.3	0