

Jin-Wei Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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#	ARTICLE	IF	CITATIONS
1	Visible-light-induced tandem difluoroalkylated spirocyclization of <i>N</i> -arylpropiolamides: access to C3-difluoroacetylated spiro[4,5]trienones. <i>New Journal of Chemistry</i> , 2022, 46, 4470-4482.	2.8	8
2	CuI-Catalyzed Regioselective Synthesis of 3-Arylcoumarins with Arylamines under Mild Conditions. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 631.	1.3	2
3	Chalcogenative spirocyclization of <i>N</i> -aryl propiolamides with diselenides/disulfides promoted by Selectfluor. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2022, 77, 75-85.	0.7	3
4	Selectfluor-mediated construction of 3-arylselenenyl and 3,4-bisarylselenenyl spiro[4.5]trienones via cascade annulation of <i>N</i> -phenylpropiolamides with diselenides. <i>New Journal of Chemistry</i> , 2022, 46, 9451-9460.	2.8	9
5	Site-specific C-H chalcogenation of quinoxalin-2(1 <i>H</i>)-ones enabled by Selectfluor reagent. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6937-6949.	4.5	13
6	Transition-metal catalyzed oxidative spirocyclization of <i>N</i> -aryl alkynamides with methylenes under microwave irradiation. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 10348-10358.	2.8	8
7	Visible-Light-Induced Regioselective <i>ortho</i> -C-H Phosphonylation of <i>N</i> -Naphthols with Diarylphosphine Oxides. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 4738.	1.3	11
8	Transition-metal free direct C-H functionalization of quinoxalin-2(1 <i>H</i>)-ones with oxamic acids leading to 3-carbamoyl quinoxalin-2(1 <i>H</i>)-ones. <i>Organic Chemistry Frontiers</i> , 2020, 7, 273-285.	4.5	45
9	Nickel-Catalyzed Carbon-Sulfur Bond Formation through Couplings of Aryl Iodides and Aryl Ethanethioates. <i>ChemistrySelect</i> , 2020, 5, 9908-9910.	1.5	6
10	Silver-catalyzed direct C-H oxidative carbamoylation of quinolines with oxamic acids. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2747-2757.	2.8	16
11	Palladium-catalyzed oxidative amidation of quinoxalin-2(1 <i>H</i>)-ones with acetonitrile: a highly efficient strategy toward 3-amidated quinoxalin-2(1 <i>H</i>)-ones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 876-884.	2.8	43
12	Fluorination-triggered tandem cyclization of styrene-type carboxylic acids to access 3-aryl isocoumarin derivatives under microwave irradiation. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5038-5046.	2.8	17
13	A Novel and Facile Synthesis of Chromanone Derivatives via Cascade Radical Cyclization Under Metal-free Condition. <i>ChemistrySelect</i> , 2019, 4, 1939-1942.	1.5	21
14	Highly efficient copper-catalyzed direct C-H amidation of quinoxalin-2(1 <i>H</i>)-ones with amidates under microwave irradiation. <i>Organic Chemistry Frontiers</i> , 2019, 6, 925-935.	4.5	61
15	Transition-metal-free decarboxylative C3-difluoroarylmethylation of quinoxalin-2(1 <i>H</i>)-ones with α,α -difluoroarylacetic acids. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1173-1182.	4.5	100
16	Transition-metal free C3-amidation of quinoxalin-2(1 <i>H</i>)-ones using Selectfluor as a mild oxidant. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 10178-10187.	2.8	29
17	Catalytic activity of chiral chelating <i>N</i> -heterocyclic carbene palladium complexes towards asymmetric allylic alkylation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 780-788.	1.6	2
18	Recent Advances on the Catalytic Functionalization of Quinoxalin-2(1 <i>H</i>)-ones via C-H Bond Activation. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 1529.	1.3	42

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19	Dibromido[<i>N</i> -(1-diethylamino-1-oxo-3-phenylpropan-2-yl)- <i>N</i> -(2-pyridin-2-yl)imidazol-2-ylidene]palladium(II) dichloromethane monosolvate. IUCrData, 2019, 4, .	0.3	0
20	Metal-free catalyzed arylsulfonylation of chloroquinoline with sodium arylsulfonates under microwave irradiation. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 295-303.	0.7	2
21	Metal-free oxidative coupling of quinoxalin-2(1 <i>H</i>)-ones with arylaldehydes leading to 3-acylated quinoxalin-2(1 <i>H</i>)-ones. Organic and Biomolecular Chemistry, 2018, 16, 3203-3212.	2.8	113
22	Copper-catalyzed oxidative coupling of quinoxalin-2(1 <i>H</i>)-ones with alcohols: access to hydroxyalkylation of quinoxalin-2(1 <i>H</i>)-ones. Organic Chemistry Frontiers, 2018, 5, 3382-3390.	4.5	105
23	Metal-free synthesis of <i>E</i> -vinyl sulfones via denitrative coupling reactions of <i>o</i> -nitrostyrenes with sodium sulfonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2018, 193, 771-779.	1.6	11
24	Transition-metal-free direct C-3 alkylation of quinoxalin-2(1 <i>H</i>)-ones with ethers. Organic Chemistry Frontiers, 2018, 5, 2820-2828.	4.5	117
25	Room Temperature Chemoselective Deoxygenation of Aromatic Ketones and Aldehydes Promoted by a Tandem Pd/TiO ₂ + FeCl ₃ Catalyst. Journal of Organic Chemistry, 2018, 83, 11067-11073.	3.2	19
26	Copper-catalyzed Direct C-3 Benzoylation of Quinoxalin-2(1 <i>H</i>)-ones with Methylarenes under Microwave Irradiation. European Journal of Organic Chemistry, 2018, 2018, 4113-4120.	2.4	87
27	Progress in the Synthesis of Arylated Coumarin Derivatives. Chinese Journal of Organic Chemistry, 2018, 38, 316.	1.3	9
28	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
29	Cu(OAc) ₂ -catalyzed direct radical C2 arylation of quinoline N-oxide with arylamines. Tetrahedron, 2017, 73, 2267-2275.	1.9	17
30	KMnO ₄ -mediated direct C2-selective C-H arylation of quinoline N-oxides with aromatic hydrazines. Tetrahedron, 2017, 73, 179-186.	1.9	17
31	AgNO ₃ -catalyzed direct C-H arylation of quinolines by oxidative decarboxylation of aromatic carboxylic acids. Organic Chemistry Frontiers, 2017, 4, 545-554.	4.5	33
32	Ammonium iodide-promoted unprecedented arylsulfonylation of quinone with sodium arylsulfonates. Tetrahedron, 2017, 73, 6763-6772.	1.9	4
33	Transition Metal-Free Direct C-3 Arylation of Quinoxalin-2(1 <i>H</i>)-ones with Arylamines under Mild Conditions. Advanced Synthesis and Catalysis, 2017, 359, 4197-4207.	4.3	134
34	Copper-catalysed difluoroalkylation of aromatic aldehydes via a decarboxylation/aldol reaction. Organic and Biomolecular Chemistry, 2017, 15, 7654-7659.	2.8	17
35	Efficient synthesis of novel <i>o</i> -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
36	Mg(OCH ₃) ₂ -mediated one-pot synthesis of <i>o</i> -aminophosphonate derivatives of cytosine under mild conditions. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 563-571.	0.7	1

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37	3-Benzoyl-7-methoxy-2H-chromen-2-one. IUCrData, 2017, 2, .	0.3	0
38	Dimethyl (7-hydroxy-4-methyl-2-oxo-2H-chromen-3-yl)phosphonate. IUCrData, 2017, 2, .	0.3	0
39	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
40	Novel synthesis of steryl esteryl esters from $\hat{2}$ -sitosterol and N-phosphoryl amino acid under microwave irradiation. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1358-1361.	1.6	5
41	n Bu ₄ Nl-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
42	KMnO ₄ /AcOH-mediated C3-selective direct arylation of coumarins with arylboronic acids. RSC Advances, 2016, 6, 35936-35944.	3.6	26
43	Silver-catalyzed direct regioselective phosphonation of $\hat{2}$ -aryl- $\hat{2}$, $\hat{2}$ -unsaturated carbonyl compounds with H-phosphites under microwave irradiation. Tetrahedron, 2016, 72, 3084-3091.	1.9	18
44	Silver-catalyzed synthesis of 2-arylvinyphosphonates by cross-coupling of $\hat{2}$ -nitrostyrenes with H-phosphites. RSC Advances, 2016, 6, 87058-87065.	3.6	18
45	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
46	Progress in the Synthesis of 2-Aminobenzoxazole Derivatives. Chinese Journal of Organic Chemistry, 2016, 36, 2634.	1.3	1
47	Chelating palladium complexes containing pyridine/pyrimidine hydroxyalkyl di-functionalized N-heterocyclic carbenes: synthesis, structure, and catalytic activity towards C-H activation. RSC Advances, 2015, 5, 107601-107607.	3.6	26
48	Silver catalysed decarboxylative alkylation and acylation of pyrimidines in aqueous media. Organic and Biomolecular Chemistry, 2015, 13, 2750-2755.	2.8	38
49	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
50	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
51	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
52	Synthesis and Characterization of Phosphoramidate Piperazine Analogs of Paeonol. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 404-410.	1.6	3
53	Metal-free trifluoroethylation of activated alkenes: rapid access to construct fluorinated 3,3-disubstituted 2-oxindoles. Tetrahedron, 2015, 71, 8416-8423.	1.9	17
54	Iron-catalyzed regioselective direct coupling of aromatic aldehydes with coumarins leading to 3-aryl coumarins. RSC Advances, 2015, 5, 88258-88265.	3.6	26

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55	Silver-catalyzed direct Csp ² -H radical phosphorylation of coumarins with H-phosphites. <i>Tetrahedron</i> , 2015, 71, 8178-8186.	1.9	38
56	Ultrasound-assisted regioselective synthesis of aminomethylated daidzein derivatives via Mannich reaction. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2015, 70, 727-734.	0.7	3
57	Silver-Catalyzed Radical Tandem Cyclization for the Synthesis of 3,4-Disubstituted Dihydroquinolin-2(1 <i>H</i>)-ones. <i>Organic Letters</i> , 2014, 16, 204-207.	4.6	112
58	Silver catalyzed decarboxylative direct C ² -alkylation of benzothiazoles with carboxylic acids. <i>Chemical Communications</i> , 2014, 50, 2018.	4.1	83
59	Silver-Catalyzed Radical Tandem Cyclization: An Approach to Direct Synthesis of 3-Acyl-4-arylquinolin-2(1 <i>H</i>)-ones. <i>Journal of Organic Chemistry</i> , 2014, 79, 8094-8102.	3.2	105
60	Synthesis and Characterization of Novel Unnatural di(8-Daidzeinyl)Methane. <i>Chemistry of Natural Compounds</i> , 2014, 50, 76-79.	0.8	0
61	H ₂ O ₂ -Phosphonate-Mediated Amination of Quinoline <i>N</i> -Oxides with Tertiary Amines: A Mild and Metal-Free Synthesis of 2-Dialkylaminoquinolines. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1979-1985.	4.3	39
62	Cu/Ag-catalyzed double decarboxylative cross-coupling reaction between cinnamic acids and aliphatic acids in aqueous solution. <i>RSC Advances</i> , 2013, 3, 19264.	3.6	44
63	Simple, efficient one-pot method for synthesis of novel N-attached 1,2,3-triazole containing bisphosphonates. <i>Tetrahedron</i> , 2013, 69, 4047-4052.	1.9	14
64	nBu ₄ NI-catalyzed unexpected amide bond formation between aldehydes and aromatic tertiary amines. <i>RSC Advances</i> , 2013, 3, 3869.	3.6	41
65	Silver-Catalyzed 2-Pyridyl Arylation of Pyridine <i>N</i> -Oxides with Arylboronic Acids at Room Temperature. <i>Synlett</i> , 2012, 2012, 145-149.	1.8	42
66	Palladium-Catalyzed Benzylic Cross-Couplings of Pyridine <i>N</i> -Oxides. <i>Synlett</i> , 2012, 23, 938-942.	1.8	25
67	Synthesis and Spectroscopic Characterization of Some New Piperazine Phosphoramidate Derivatives of 4-Hydroxycoumarin. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2012, 187, 245-254.	1.6	13
68	nBu ₄ NI-catalyzed direct synthesis of α -ketoamides from aryl methyl ketones with dialkylformamides in water using TBHP as oxidant. <i>Chemical Communications</i> , 2012, 48, 10117.	4.1	158
69	Inclusion complexes of phosphorylated daidzein derivatives with β -cyclodextrin: Preparation and inclusion behavior study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 85, 298-302.	3.9	12
70	An Efficient Synthesis of Mono and Bis-1,2,3-triazole AZT Derivatives via Copper(I)-catalyzed Cycloaddition. <i>Journal of the Chinese Chemical Society</i> , 2011, 58, 24-30.	1.4	7
71	Ultrasonic-assisted synthesis of chrysin derivatives linked with 1,2,3-triazoles by 1,3-dipolar cycloaddition reaction. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 527-533.	8.2	31
72	Synthesis of New Types of <i>N</i> -Arylpiperazine Phosphoramidate Analogues of Chrysin. <i>Journal of the Chinese Chemical Society</i> , 2010, 57, 144-148.	1.4	3

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73	Synthesis of the Novel Phosphoramidate Derivatives of Chrysin. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 274-278.	1.6	9
74	Synthesis of Novel Piperazine Phosphoramidate Analogues of 2-Arylquinolones. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 1516-1520.	1.6	0
75	A Convenient Synthesis of Novel Phosphoramidate Mustard Analogues of 2-Arylquinolone. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 2936-2944.	1.6	7
76	Synthesis of a Novel Type of Phosphoramidate Derivatives of 2-Arylquinolone. Journal of the Chinese Chemical Society, 2009, 56, 51-58.	1.4	6
77	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
78	Synthesis of Phosphoryl Amino Acids Chrysin Esters. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 603-609.	1.6	9
79	Synthesis of a Novel Type of Phosphates of Puerarin. Journal of the Chinese Chemical Society, 2007, 54, 583-585.	1.4	5
80	Synthesis of Novel Phosphorylated Daidzein Derivatives and ESI Investigation on Their Non-Covalent Complexes with Lysozyme. Chinese Journal of Chemistry, 2007, 25, 1008-1013.	4.9	8