

Liang-Yu Yang

List of Publications by Year in descending order

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44
papers

1,140
citations

471509

17
h-index

377865

34
g-index

45
all docs

45
docs citations

45
times ranked

960
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Metathesis Catalysts Based on Ruthenium 1,3-Dimesityl-3,4,5,6-tetrahydropyrimidin-2-ylidenes: Synthesis, Structure, Immobilization, and Catalytic Activity. <i>Chemistry - A European Journal</i> , 2004, 10, 5761-5770.	3.3	173
2	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
3	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
4	Transition-metal-free decarboxylative C3-difluoroarylmethylation of quinoxalin-2(1 <i>H</i>)-ones with 1,1-difluoroacetic acids. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1173-1182.	4.5	100
5	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
6	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
7	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
8	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
9	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
10	nBu ₄ NI-catalyzed unexpected amide bond formation between aldehydes and aromatic tertiary amines. <i>RSC Advances</i> , 2013, 3, 3869.	3.6	41
11	Silver catalysed decarboxylative alkylation and acylation of pyrimidines in aqueous media. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2750-2755.	2.8	38
12	AgNO ₃ -catalyzed direct C-H arylation of quinolines by oxidative decarboxylation of aromatic carboxylic acids. <i>Organic Chemistry Frontiers</i> , 2017, 4, 545-554.	4.5	33
13	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
14	Chelating palladium complexes containing pyridine/pyrimidine hydroxyalkyl di-functionalized N-heterocyclic carbenes: synthesis, structure, and catalytic activity towards C-H activation. <i>RSC Advances</i> , 2015, 5, 107601-107607.	3.6	26
15	Iron-catalyzed regioselective direct coupling of aromatic aldehydes with coumarins leading to 3-aryl coumarins. <i>RSC Advances</i> , 2015, 5, 88258-88265.	3.6	26
16	KMnO ₄ /AcOH-mediated C3-selective direct arylation of coumarins with arylboronic acids. <i>RSC Advances</i> , 2016, 6, 35936-35944.	3.6	26
17	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
18	Silver-catalyzed synthesis of 2-arylvinylphosphonates by cross-coupling of 2-nitrostyrenes with H-phosphites. <i>RSC Advances</i> , 2016, 6, 87058-87065.	3.6	18

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19	NCN pincer palladium complexes based on 1,3-dipicolyl-3,4,5,6-tetrahydropyrimidin-2-ylidenes: synthesis, characterization and catalytic activities. <i>RSC Advances</i> , 2015, 5, 25723-25729.	3.6	17
20	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
21	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
22	Site-specific C-H chalcogenation of quinoxalin-2(1H)-ones enabled by Selectfluor reagent. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6937-6949.	4.5	13
23	Catalytic activity of chelating N-heterocyclic carbene palladium complexes towards selective phosphorylation of coumarins. <i>Journal of Organometallic Chemistry</i> , 2016, 818, 179-184.	1.8	11
24	Synthesis of Novel Chiral Thioether Ligands Containing Imidazole Rings Based on Natural Amino Acids. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 2418-2425.	1.6	9
25	Regioselective C-3 arylation of coumarins with arylhydrazines via radical oxidation by potassium permanganate. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016, 71, 1115-1123.	0.7	9
26	Selectfluor-mediated construction of 3-arylselenenyl and 3,4-bisarylselenenyl spiro[4.5]trienones via cascade annulation of N-phenylpropiolamides with diselenides. <i>New Journal of Chemistry</i> , 2022, 46, 9451-9460.	2.8	9
27	Transition-metal catalyzed oxidative spirocyclization of N-aryl alkynamides with methylarenes under microwave irradiation. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 10348-10358.	2.8	8
28	Visible-light-induced tandem difluoroalkylated spirocyclization of N-arylpropiolamides: access to C3-difluoroacetylated spiro[4,5]trienones. <i>New Journal of Chemistry</i> , 2022, 46, 4470-4482.	2.8	8
29	Picolyl Functionalised Chelating N-Heterocyclic Carbene Palladium Complexes: Synthesis and Catalytic Activity towards Suzuki Cross-coupling in Water. <i>ChemistrySelect</i> , 2016, 1, 680-684.	1.5	7
30	Phosphorus Amendment of a Lead-Spiked Soil with Low Phosphorus Availability: Roles of Phosphorus on Soil and Plant Lead. <i>Communications in Soil Science and Plant Analysis</i> , 2012, 43, 1053-1064.	1.4	6
31	Nickel-Catalyzed Carbon-Sulfur Bond Formation through Couplings of Aryl Iodides and Aryl Ethanethioates. <i>ChemistrySelect</i> , 2020, 5, 9908-9910.	1.5	6
32	Novel synthesis of sterol esters from $\hat{2}$ -sitosterol and N-phosphoryl amino acid under microwave irradiation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1358-1361.	1.6	5
33	2-[4,5-Diphenyl-2-(pyridin-2-yl)-1H-imidazol-1-yl]-3-phenylpropan-1-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1670-o1670.	0.2	3
34	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
35	Chalcogenative spirocyclization of N-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
36	2-[2-(5-Bromothiophen-2-yl)-4,5-diphenyl-1H-imidazol-1-yl]-3-phenylpropan-1-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1379-o1379.	0.2	2

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37	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
38	Crystal structure of 3-mesityl-1-[(pyridin-2-yl)methyl]-3,4,5,6-tetrahydropyrimidin-1-ium bromide monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o224-o224.	0.5	1
39	(S)-4,5-Diphenyl-1-[1-phenyl-3-(phenylsulfanyl)propan-2-yl]-2-(thiophen-2-yl)-1H-imidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1858-o1858.	0.2	1
40	Complexation Behavior of Pinene-Bipyridine Ligands towards Lanthanides: The Influence of the Carboxylic Arm. <i>Chemistry</i> , 2022, 4, 18-30.	2.2	1
41	1,1'-Methylenebis[3-(2,6-diisopropylphenyl)-3,4,5,6-tetrahydropyrimidin-1-ium] dibromide ethanol monosolvate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1377-o1378.	0.2	0
42	2-[2-(2-Nitrophenyl)-4,5-diphenyl-1H-imidazol-1-yl]-3-phenylpropan-1-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o621-o621.	0.2	0
43	Synthesis and Characterization of Novel Unnatural di(8-Daidzeinyl)Methane. <i>Chemistry of Natural Compounds</i> , 2014, 50, 76-79.	0.8	0
44	Dibromido[<i>N</i> -(1-diethylamino-1-oxo-3-phenylpropan-2-yl)- <i>N'</i> -(pyridin-2-yl)imidazol-2-ylidene]palladium(II) dichloromethane monosolvate. <i>IUCrData</i> , 2019, 4, .	0.3	0