

Kelu Yan

List of Publications by Year in descending order

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38
papers

1,088
citations

394421

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docs citations

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times ranked

949
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalyst-Free Regioselective C-3 Thiocyanation of Imidazopyridines. <i>Journal of Organic Chemistry</i> , 2015, 80, 11073-11079.	3.2	150
2	Silver-Mediated Radical Cyclization of Alkynoates and α -Keto Acids Leading to Coumarins via Cascade Double C=C Bond Formation. <i>Journal of Organic Chemistry</i> , 2015, 80, 1550-1556.	3.2	134
3	Metal-Free Iodine-Catalyzed Direct Arylthiation of Substituted Anilines with Thiols. <i>Journal of Organic Chemistry</i> , 2015, 80, 6083-6092.	3.2	76
4	Catalyst-free direct decarboxylative coupling of α -keto acids with thiols: a facile access to thioesters. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7323-7330.	2.8	64
5	Electrochemical-induced regioselective C-3 thiomethylation of imidazopyridines via a three-component cross-coupling strategy. <i>Green Chemistry</i> , 2020, 22, 1129-1133.	9.0	46
6	Copper-catalyzed domino synthesis of benzo[b]thiophene/imidazo[1,2-a]pyridines by sequential Ullmann-type coupling and intramolecular C(sp ²)–H thiolation. <i>Organic Chemistry Frontiers</i> , 2016, 3, 66-70.	4.5	37
7	Metal-free n-Et ₄ NBr-catalyzed radical cyclization of disulfides and alkynes leading to benzothiophenes under mild conditions. <i>RSC Advances</i> , 2014, 4, 48547-48553.	3.6	35
8	Sulfhydryl-Directed Iridium-Catalyzed C–H/Diazo Coupling and Tandem Annulation of Naphthalene-1-thiols. <i>Organic Letters</i> , 2019, 21, 7000-7003.	4.6	33
9	Iridium-Catalyzed Tandem Cyclization of Benzoylacetonitriles with Diazo Compounds Leading to Substituted Naphtho[1,8-bc]pyrans by Sequential C–H Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2272-2279.	4.3	32
10	Electroreductive C3 Pyridylation of Quinoxalin-2(1H)-ones: An Effective Way to Access Bidentate Nitrogen Ligands. <i>Organic Letters</i> , 2021, 23, 1081-1085.	4.6	32
11	Hydroxyl-Directed Rhodium-Catalyzed C–H Bond Activation and Cyclization Leading to Naphtho[1,8-bc]pyran Derivatives and its Analogues. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2113-2118.	4.3	29
12	Synthesis of Substituted Naphtho[1,8-bc]thiopyrans by Sulfhydryl-Directed Rhodium-Catalyzed C–H Selective C–H Bond Activation and Cyclization of Naphthalene-1-thiols. <i>Organic Letters</i> , 2020, 22, 7825-7830.	4.6	29
13	Synthesis of Substituted 1-Hydroxy-2-Naphthaldehydes by Rhodium-Catalyzed C–H Bond Activation and Vinylene Transfer of Enaminones with Vinylene Carbonate. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 512-517.	4.3	29
14	A copper-catalyzed cascade reaction of o-bromoarylisothiocyanates with isocyanides leading to benzo[d]imidazo[5,1-b]thiazoles under ligand-free conditions. <i>Organic Chemistry Frontiers</i> , 2016, 3, 556-560.	4.5	26
15	Free-Amine-Directed Iridium-Catalyzed C–H Bond Activation and Cyclization of Naphthalen-1-amines with Diazo Compounds Leading to Naphtho[1,8-bc]pyridines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1570-1575.	4.3	25
16	Electrochemical-Induced Transfer Hydrogenation of Imidazopyridines with Secondary Amine as Hydrogen Donor. <i>Organic Letters</i> , 2020, 22, 8824-8828.	4.6	25
17	Advances in Electrochemical Hydrogenation Since 2010. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 5407-5416.	4.3	24
18	Metal-free TBHP-mediated oxidative ring openings of 2-arylimidazopyridines via regioselective cleavage of C–C and C–N bonds. <i>RSC Advances</i> , 2015, 5, 100102-100105.	3.6	22

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19	Palladium-Catalyzed Inert C-H Bond Activation and Cyclocarbonylation of Isoquinolones with Carbon Dioxide Leading to Isoindolo[2,1-b]isoquinoline-5,7-diones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3080-3085.	4.3	22
20	Single-atom-nickel photocatalytic site-selective sulfonation of enamides to access amidosulfones. <i>Green Chemistry</i> , 2021, 23, 2756-2762.	9.0	20
21	One-Pot Copper-Catalyzed Aerobic Decarboxylative Coupling of Phenylacetic Acids with o-Aminobenzenes and Dioxygen as the Oxidant Leading to Benzoxazoles and Benzothiazoles. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 969-973.	2.7	19
22	Electrochemical-Induced Hydrogenation of Electron-Deficient Internal Olefins and Alkynes with CH ₃ OH as Hydrogen Donor. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2104-2109.	4.3	19
23	Visible-light-promoted cascade cyclization towards benzo[<i>d</i>]imidazo[5,1- <i>b</i>]thiazoles under metal- and photocatalyst-free conditions. <i>Green Chemistry</i> , 2021, 23, 1286-1291.	9.0	19
24	Ruthenium-Catalyzed C7-Formylmethylation or Sequential Acetalization of Indolines with Vinylene Carbonate in Different Solvents. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1580-1586.	4.3	18
25	A Naphthalimide-Based ND ₂ OAc Photocatalyst for Sulfonation of Alkenes to Access Ketosulfones Under Visible Light. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3456-3461.	2.4	15
26	Synthesis of Polysubstituted Phenols by Rhodium-Catalyzed C-H/Diazo Coupling and Tandem Annulation. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1855-1860.	4.3	15
27	Electrochemical Ammonium Cation-Assisted Hydropyridylation of Ketone-Activated Alkenes: Experimental and Computational Mechanistic Studies. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 845-854.	4.3	13
28	Electrochemical Oxidation-Induced Oxyphosphorylation of Alkenes and Alkynes with Water via Hydrogen Atom Transfer. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2735-2740.	4.3	13
29	Copper-catalyzed domino synthesis of benzo[<i>d</i>]imidazo[5,1- <i>b</i>][1,3]selenazoles involving sequential intermolecular cycloaddition and intramolecular Ullmann-type C-Se bond formation. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5139-5144.	4.5	12
30	Hydrophosphorylation of electron-deficient alkenes and alkynes mediated by convergent paired electrolysis. <i>Chemical Communications</i> , 2022, 58, 8238-8241.	4.1	12
31	Direct Synthesis of Alkylthioimidazoles: One-Pot Three-Component Cross-Coupling Mediated by Paired Electrolysis. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1677-1682.	4.3	9
32	Synthesis of 3-substituted quinolines by ruthenium-catalyzed aza-Michael addition and intramolecular annulation of enamines with anthranils. <i>New Journal of Chemistry</i> , 2022, 46, 7329-7333.	2.8	8
33	Electrochemical In Situ Oxidative Sulfonation of Phenols with Sulfinic Acids as an Access to Sulfonated Hydroquinones. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3485-3490.	4.3	7
34	Electrochemical ammonium-cation-assisted pyridylation of inert N-heterocycles via dual-proton-coupled electron transfer. <i>IScience</i> , 2022, 25, 104253.	4.1	6
35	Catalyst-Free Regioselective C-3 Nitrosation of Imidazopyridines with tert-Butyl Nitrite under Neutral Conditions. <i>Synthesis</i> , 2015, 48, 122-130.	2.3	4
36	Electrochemical-Induced C(sp ³)-H Dehydrogenative Trimerization of Pyrazolones to Tripyrazolones. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5491-5496.	2.4	4

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37	Iridium-catalyzed oxidative coupling and cyclization of NH isoquinolones with olefins leading to isoindolo[2,1-b]isoquinolin-5(7H)-one derivatives. <i>Tetrahedron Letters</i> , 2022, 97, 153779.	1.4	3
38	Isocyanide-Induced Esterification of Sulfinic Acids to Access Sulfinates. <i>Advanced Synthesis and Catalysis</i> , 0, , .	4.3	2