

Kelu Yan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3138160/publications.pdf>

Version: 2024-02-01

38
papers

1,088
citations

394421

19
h-index

414414

32
g-index

38
all docs

38
docs citations

38
times ranked

949
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Synthesis of 3-substituted quinolines by ruthenium-catalyzed aza-Michael addition and intramolecular annulation of enaminones with anthranils. <i>New Journal of Chemistry</i> , 2022, 46, 7329-7333.	2.8	8
3	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
4	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
5	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
6	Electrochemical Ammonium Cation-Assisted Hydroxyarylation of Ketone-Activated Alkenes: Experimental and Computational Mechanistic Studies. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 845-854.	4.3	13
7	Electrochemical ammonium-cation-assisted pyridylation of inert N-heterocycles via dual-proton-coupled electron transfer. <i>IScience</i> , 2022, 25, 104253.	4.1	6
8	Hydrophosphorylation of electron-deficient alkenes and alkynes mediated by convergent paired electrolysis. <i>Chemical Communications</i> , 2022, 58, 8238-8241.	4.1	12
9	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
10	Single-atom-nickel photocatalytic site-selective sulfonation of enamides to access amidosulfones. <i>Green Chemistry</i> , 2021, 23, 2756-2762.	9.0	20
11	Electroreductive C3 Pyridylation of Quinoxalin-2(1 <i>H</i>)-ones: An Effective Way to Access Bidentate Nitrogen Ligands. <i>Organic Letters</i> , 2021, 23, 1081-1085.	4.6	32
12	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
13	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
14	Electrochemical-Induced Oxidative Sulfonylation of Phenols with Sulfinic Acids as an Access to Sulfonylated Hydroquinones. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3485-3490.	4.3	7
15	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
16	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
17	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
18	Advances in Electrochemical Hydrogenation Since 2010. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 5407-5416.	4.3	24

#	ARTICLE	IF	CITATIONS
19	Synthesis of Substituted Naphtho[1,8- <i>bc</i>]thiopyrans by Sulfhydryl-Directed Rhodium-Catalyzed <i>ortho</i> -Selective C-H Bond Activation and Cyclization of Naphthalene-1-thiols. <i>Organic Letters</i> , 2020, 22, 7825-7830.	4.6	29
20	Electrochemical-Induced Transfer Hydrogenation of Imidazopyridines with Secondary Amine as Hydrogen Donor. <i>Organic Letters</i> , 2020, 22, 8824-8828.	4.6	25
21	Electrochemical-induced regioselective C-3 thiomethylation of imidazopyridines <i>via</i> a three-component cross-coupling strategy. <i>Green Chemistry</i> , 2020, 22, 1129-1133.	9.0	46
22	A Naphthalimide-Based ND ₂ Photocatalyst for Sulfonation of Alkenes to Access α -Ketosulfones Under Visible Light. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3456-3461.	2.4	15
23	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
24	Free-Amine-Directed Iridium-Catalyzed C-H Bond Activation and Cyclization of Naphthalen-1-ylamines with Diazo Compounds Leading to Naphtho[1,8- <i>bc</i>]pyridines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1570-1575.	4.3	25
25	Palladium-Catalyzed Inert C-H Bond Activation and Cyclocarbonylation of Isoquinolones with Carbon Dioxide Leading to Isoindolo[2,1- <i>bc</i>]isoquinoline-5,7-diones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3080-3085.	4.3	22
26	Hydroxyl-Directed Rhodium-Catalyzed C-H Bond Activation and Cyclization Leading to Naphtho[1,8- <i>bc</i>]pyran Derivatives and its Analogues. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2113-2118.	4.3	29
27	Iridium-Catalyzed Tandem Cyclization of Benzoylacetonitriles with Diazo Compounds Leading to Substituted Naphtho[1,8- <i>bc</i>]pyrans by Sequential C-H Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2272-2279.	4.3	32
28	Copper-catalyzed domino synthesis of benzo[<i>b</i>]thiophene/imidazo[1,2- <i>a</i>]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
29	A copper-catalyzed cascade reaction of <i>o</i> -bromoarylisothiocyanates with isocyanides leading to benzo[<i>d</i>]imidazo[5,1- <i>b</i>]thiazoles under ligand-free conditions. <i>Organic Chemistry Frontiers</i> , 2016, 3, 556-560.	4.5	26
30	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
31	Metal-Free Iodine-Catalyzed Direct Arylthiation of Substituted Anilines with Thiols. <i>Journal of Organic Chemistry</i> , 2015, 80, 6083-6092.	3.2	76
32	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
33	Catalyst-Free Regioselective C-3 Nitrosation of Imidazopyridines with <i>tert</i> -Butyl Nitrite under Neutral Conditions. <i>Synthesis</i> , 2015, 48, 122-130.	2.3	4
34	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
35	Catalyst-Free Regioselective C-3 Thiocyanation of Imidazopyridines. <i>Journal of Organic Chemistry</i> , 2015, 80, 11073-11079.	3.2	150
36	Metal-free <i>n</i> -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

#	ARTICLE	IF	CITATIONS
37	One-Pot Copper-Catalyzed Aerobic Decarboxylative Coupling of Phenylacetic Acids with <i>o</i> -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
38	Isocyanide-Induced Esterification of Sulfinic Acids to Access Sulfinates. <i>Advanced Synthesis and Catalysis</i> , 0, , .	4.3	2