

Yan-Bo Yu

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Copper- and Phosphine- Ligand- Free Palladium- Catalyzed Direct Allylation of Electron- Deficient Polyfluoroarenes with Allylic Chlorides. <i>Chemistry - A European Journal</i> , 2012, 18, 14643-14648.	3.3	73
2	A general and green fluoroalkylation reaction promoted <i>via</i> noncovalent interactions between acetone and fluoroalkyl iodides. <i>Chemical Communications</i> , 2020, 56, 1815-1818.	4.1	68
3	Synthesis of β,β -Difluoromethylene Alkynes by Palladium- Catalyzed <i>gem</i> -Difluoropropargylation of Aryl and Alkenyl Boron Reagents. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10457-10461.	13.8	66
4	Highly Enantioselective Friedel- Crafts Reaction of Indole with Alkylidenemalonates Catalyzed by Heteroarylidene Malonate- Derived Bis(oxazoline) Copper(II) Complexes. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 3113-3117.	4.3	43
5	Pyrazole Scaffold Synthesis, Functionalization, and Applications in Alzheimer- TM's Disease and Parkinson- TM's Disease Treatment (2011- 2020). <i>Molecules</i> , 2021, 26, 1202.	3.8	35
6	Pd- Catalyzed Direct Arylation of Nitro(pentafluorosulfanyl)benzenes with Aryl Bromides. <i>Organic Letters</i> , 2013, 15, 5004-5007.	4.6	30
7	Copper- Catalyzed Direct Propargylation of Polyfluoroarenes with Secondary Propargyl Phosphates. <i>Organic Letters</i> , 2016, 18, 3302-3305.	4.6	22
8	Visible light induced deaminative alkylation of difluoroenoxy silanes: a transition metal free strategy. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4438-4444.	4.5	20
9	A Facile Synthesis of 2,4-Disubstituted Thiazoles Using MnO ₂ . <i>Molecules</i> , 2009, 14, 4858-4865.	3.8	15
10	Visible- Light- Induced Regioselective Deaminative Alkylation of Coumarins via Photoredox Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 24-29.	4.3	10
11	Development of a carbon-11 PET radiotracer for imaging TRPC5 in the brain. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5586-5594.	2.8	9
12	Structure-activity relationship studies and bioactivity evaluation of 1,2,3-triazole containing analogues as a selective sphingosine kinase-2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 206, 112713.	5.5	8
13	Use of apple seeds as new source for synthesis of polyacrylonitrile-based adsorbent to remove Pb(II). <i>Polymer Bulletin</i> , 2017, 74, 5231-5247.	3.3	5
14	Radiosynthesis and evaluation of a fluorine-18 radiotracer [¹⁸ F]FS1P1 for imaging sphingosine-1-phosphate receptor 1. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1041-1052.	2.8	5
15	Pd-catalyzed cross-coupling of polyfluoroarenes with cyclic vinyl triflates. <i>Science China Chemistry</i> , 2014, 57, 276-281.	8.2	3
16	Exploration of Sulfur- Containing Analogues for Imaging Vesicular Acetylcholine Transporter in the Brain. <i>ChemMedChem</i> , 2018, 13, 1978-1987.	3.2	3
17	Palladium-catalyzed direct allylation of fluorinated benzothiadiazoles with allyl chlorides. <i>Tetrahedron</i> , 2018, 74, 6329-6334.	1.9	2
18	Palladium-catalyzed cross-coupling of benzylzinc reagents with 2-bromo-3,3,3-trifluoropropene. <i>Synthetic Communications</i> , 2019, 49, 3329-3334.	2.1	2

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19	Synthesis and Characterization of a Specific Iodine-125-Labeled TRPC5 Radioligand. ChemMedChem, 2020, 15, 1854-1860.	3.2	2
20	In vitro characterization of [3H]VAT in cells, animal and human brain tissues for vesicular acetylcholine transporter. European Journal of Pharmacology, 2021, 911, 174556.	3.5	2
21	Synthesis and evaluation of highly selective quinazoline-2,4-dione ligands for sphingosine-1-phosphate receptor 2. RSC Medicinal Chemistry, 2022, 13, 202-207.	3.9	2