

Kedong Yuan

List of Publications by Year in descending order

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25
papers

888
citations

516215

16
h-index

552369

26
g-index

39
all docs

39
docs citations

39
times ranked

906
citing authors

#	ARTICLE	IF	CITATIONS
1	Arylation of <i>gem</i> -difluoroalkenes using a Pd/Cu Co-catalytic system that avoids β -fluoride elimination. <i>Chemical Science</i> , 2021, 12, 1363-1367.	3.7	10
2	The effect of halogen on arylsulfonylated phenothiazines for solid-state luminescence and photocatalytic performance. <i>Journal of Catalysis</i> , 2020, 389, 604-610.	3.1	1
3	The direct trifluoromethylsilylation and cyanosilylation of aldehydes <i>via</i> an electrochemically induced intramolecular pathway. <i>Chemical Communications</i> , 2020, 56, 2435-2438.	2.2	14
4	Anodically Triggered Aldehyde Cation Autocatalysis for Alkylation of Heteroarenes. <i>ChemSusChem</i> , 2020, 13, 1997-2001.	3.6	5
5	Electrochemical reduction of functionalized carbonyl compounds: enhanced reactivity over tailored nanoporous gold. <i>Nanoscale</i> , 2020, 12, 4314-4319.	2.8	13
6	Direct anodic (thio)acetalization of aldehydes with alcohols (thiols) under neutral conditions, and computational insight into the electrochemical formation of the acetals. <i>Green Chemistry</i> , 2019, 21, 4030-4034.	4.6	15
7	Non-directed copper-catalyzed regioselective C-H sulfonylation of phenothiazines. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5009-5013.	1.5	17
8	Palladium-Catalyzed Cascade sp^2 C-H Bond Functionalizations Allowing One-Pot Access to 4-Aryl-1,2,3,4-tetrahydroquinolines from <i>N</i> -Allyl- <i>N</i> -arylsulfonamides. <i>ACS Catalysis</i> , 2016, 6, 8121-8126.	5.5	29
9	Pd-Catalysed Direct Arylation of Heteroarenes Using (Poly)halobenzenesulfonyl Chlorides as Coupling Partners: One Step Access to (Poly)halo-Substituted Bi(hetero)aryls. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4428-4436.	1.2	29
10	Palladium-Catalyzed Iterative C-H Bond Arylations: Synthesis of Medium-Size Heterocycles with a Bridgehead Nitrogen Atom. <i>ChemCatChem</i> , 2015, 7, 3544-3554.	1.8	24
11	Eco-Friendly Solvents for Palladium-Catalyzed Desulfinitive C-H Bond Arylation of Heteroarenes. <i>ChemSusChem</i> , 2015, 8, 1794-1804.	3.6	49
12	Regioselective Pd-Catalyzed Methoxycarbonylation of Alkenes Using both Paraformaldehyde and Methanol as CO Surrogates. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4493-4497.	7.2	71
13	Functionalization of C-H Bonds via Metal-Catalyzed Desulfinitive Coupling: An Alternative Tool for Access to Aryl- or Alkyl-Substituted (Hetero)arenes. <i>ACS Catalysis</i> , 2015, 5, 978-991.	5.5	142
14	Desulfinitive Pd-catalysed coupling reaction using benzenesulfonyl chlorides and enones as the coupling partners. <i>Catalysis Science and Technology</i> , 2015, 5, 2904-2912.	2.1	11
15	Benzenesulfonyl Chlorides: Alternative Coupling Partners for Regiocontrolled Palladium-Catalyzed Direct Desulfinitive 5-Arylation of Furans. <i>Synthesis</i> , 2014, 46, 2515-2523.	1.2	17
16	Regiocontrolled Palladium-Catalysed Direct Arylation at Carbon C2 of Benzofurans using Benzenesulfonyl Chlorides as the Coupling Partners. <i>ChemCatChem</i> , 2014, 6, 1303-1309.	1.8	29
17	Formyl Substituent at C4 of Pyrazoles: A Temporary Protecting Group for Regioselective Palladium-Catalyzed Direct Arylation at C5. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1778-1786.	1.2	24
18	Benzenesulfonyl chlorides: new reagents for access to alternative regioisomers in palladium-catalysed direct arylations of thiophenes. <i>Chemical Science</i> , 2014, 5, 392-396.	3.7	98

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19	Palladium-catalysed Direct Desulfurative Arylation of Pyrroles using Benzenesulfonyl Chlorides as Alternative Coupling Partners. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3831-3841.	2.1	59
20	Reactivity of bromofluorenes in palladium-catalysed direct arylation of heteroaromatics. <i>Catalysis Science and Technology</i> , 2014, 4, 3723-3732.	2.1	8
21	Benzothiophene or Benzofuran Bridges in Diaryl Ethenes: Two-step Access by Pd-catalyzed C-H Activation and Theoretical/Experimental Studies on Their Photoreactivity. <i>Chemistry - A European Journal</i> , 2014, 20, 10073-10083.	1.7	11
22	Perfluorocyclohexene bridges in inverse DiArylEthenes: synthesis through Pd-catalysed C-H bond activation, experimental and theoretical studies on their photoreactivity. <i>Chemical Communications</i> , 2013, 49, 7896.	2.2	11
23	Access to Alternative Regioisomers for Palladium-catalysed Direct Arylations of (Benzo)thiophenes. <i>ChemCatChem</i> , 2013, 5, 3495-3496.	1.8	25
24	Ruthenium-containing Phosphinesulfonate Chelate for the Hydrogenation of Aryl Ketones. <i>Chemistry - A European Journal</i> , 2013, 19, 10343-10352.	1.7	27
25	Iridium-catalyzed Oxidant-free Dehydrogenative C-H Bond Functionalization: Selective Preparation of N-arylpiperidines through Tandem Hydrogen Transfers. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8876-8880.	7.2	120