

# Kedong Yuan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2256210/publications.pdf>

Version: 2024-02-01

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	Functionalization of C-H Bonds via Metal-Catalyzed Desulfinitative Coupling: An Alternative Tool for Access to Aryl- or Alkyl-Substituted (Hetero)arenes. <i>ACS Catalysis</i> , 2015, 5, 978-991.	5.5	142
2	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
3	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
4	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
5	Palladium-Catalysed Direct Desulfinitative Arylation of Pyrroles using Benzenesulfonyl Chlorides as Alternative Coupling Partners. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3831-3841.	2.1	59
6	Eco-Friendly Solvents for Palladium-Catalyzed Desulfinitative C-H Bond Arylation of Heteroarenes. <i>ChemSusChem</i> , 2015, 8, 1794-1804.	3.6	49
7	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
8	Pd-Catalysed Direct Arylation of Heteroaromatics 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
9	Palladium-Catalyzed Cascade sp <sup>2</sup> C-H Bond Functionalizations Allowing One-Pot Access to 4-Aryl-1,2,3,4-tetrahydroquinolines from N-Allyl-N-arylsulfonamides. <i>ACS Catalysis</i> , 2016, 6, 8121-8126.	5.5	29
10	Ruthenium-Containing Phosphinesulfonate Chelate for the Hydrogenation of Aryl Ketones. <i>Chemistry - A European Journal</i> , 2013, 19, 10343-10352.	1.7	27
11	Access to Alternative Regioisomers for Palladium-Catalysed Direct Arylations of (Benzo)thiophenes. <i>ChemCatChem</i> , 2013, 5, 3495-3496.	1.8	25
12	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
13	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
14	Benzenesulfonyl Chlorides: Alternative Coupling Partners for Regiocontrolled Palladium-Catalyzed Direct Desulfinitative 5-Arylation of Furans. <i>Synthesis</i> , 2014, 46, 2515-2523.	1.2	17
15	Non-directed copper-catalyzed regioselective C-H sulfonylation of phenothiazines. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5009-5013.	1.5	17
16	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
17	The direct trifluoromethylsilylation and cyanosilylation of aldehydes via an electrochemically induced intramolecular pathway. <i>Chemical Communications</i> , 2020, 56, 2435-2438.	2.2	14
18	Electrochemical reduction of functionalized carbonyl compounds: enhanced reactivity over tailored nanoporous gold. <i>Nanoscale</i> , 2020, 12, 4314-4319.	2.8	13

#	ARTICLE	IF	CITATIONS
19	Perfluorocyclohexene bridges in inverse DiArylEthenes: synthesis through Pd-catalysed C-H bond activation, experimental and theoretical studies on their photoreactivity. Chemical Communications, 2013, 49, 7896.	2.2	11
20	Benzo[thiophene] or Benzofuran Bridges in Diaryl Ethenes: Two-Step Access by Pd-Catalyzed C-H Activation and Theoretical/Experimental Studies on Their Photoreactivity. Chemistry - A European Journal, 2014, 20, 10073-10083.	1.7	11
21	Desulfinitative Pd-catalysed coupling reaction using benzenesulfonyl chlorides and enones as the coupling partners. Catalysis Science and Technology, 2015, 5, 2904-2912.	2.1	11
22	Arylation of gem-difluoroalkenes using a Pd/Cu Co-catalytic system that avoids $\beta$ -fluoride elimination. Chemical Science, 2021, 12, 1363-1367.	3.7	10
23	Reactivity of bromofluorenes in palladium-catalysed direct arylation of heteroaromatics. Catalysis Science and Technology, 2014, 4, 3723-3732.	2.1	8
24	Anodically Triggered Aldehyde Cation Autocatalysis for Alkylation of Heteroarenes. ChemSusChem, 2020, 13, 1997-2001.	3.6	5
25	The effect of halogen on arylsulfonylated phenothiazines for solid-state luminescence and photocatalytic performance. Journal of Catalysis, 2020, 389, 604-610.	3.1	1