Robert J Phipps

List of Publications by Year in Descending Order

47 papers	6,398 citations	28 h-index	51 g-index
51 ext. papers	7,460 ext. citations	14.7 avg, IF	6.77 L-index

#	Paper	IF	Citations
47	Harnessing Ligand Substrate Non-covalent Interactions for Control of Site-Selectivity in Transition Metal-Catalyzed C H Activation and Cross-Coupling **2022**, 117-132		
46	Extended sulfonated bipyridine ligands targeting the para-selective borylation of arenes. *Tetrahedron*, **2022**, 132831	2.4	1
45	Hydrogen Atom Transfer-Driven Enantioselective Minisci Reaction of Amides. *Journal of the American Chemical Society*, **2021**, 143, 4928-4934	16.4	24
44	Catalytic Enantioselective Minisci Reaction. *Trends in Chemistry*, **2021**, 3, 332-333	14.8	1
43	Regioselective Radical Arene Amination for the Concise Synthesis of -Phenylenediamines. *Journal of the American Chemical Society*, **2021**, 143, 9355-9360	16.4	3
42	Enantioselective Intermolecular C-H Amination Directed by a Chiral Cation. *Journal of the American Chemical Society*, **2021**, 143, 10070-10076	16.4	6
41	Acid and Solvent Effects on the Regioselectivity of Minisci-Type Addition to Quinolines Using Amino Acid Derived Redox Active Esters. *Synlett*, **2021**, 32, 179-184	2.2	7
40	Harnessing Non-covalent Interactions for Distal C(sp2)H Functionalization of Arenes **2021**, 169-189		1
39	Systematic Variation of Ligand and Cation Parameters Enables Site-Selective C-C and C-N Cross-Coupling of Multiply Chlorinated Arenes through Substrate-Ligand Electrostatic Interactions. *Journal of the American Chemical Society*, **2020**, 142, 21891-21898	16.4	10
38	Enantioselective remote C-H activation directed by a chiral cation. *Science*, **2020**, 367, 1246-1251	33.3	91
37	Electrostatically-directed Pd-catalysis in combination with C-H activation: site-selective coupling of remote chlorides with fluoroarenes and fluoroheteroarenes. *Chemical Science*, **2020**, 11, 3022-3027	9.4	18
36	Exploiting attractive non-covalent interactions for the enantioselective catalysis of reactions involving radical intermediates. *Nature Chemistry*, **2020**, 12, 990-1004	17.6	49
35	A Computational and Experimental Investigation of the Origin of Selectivity in the Chiral Phosphoric Acid Catalyzed Enantioselective Minisci Reaction. *Journal of the American Chemical Society*, **2020**, 142, 21091-21101	16.4	17
34	5?-Methyl[2,2?-bipyridine]-5-methanesulfonic Acid, Tetrabutylammonium Salt **2020**, 1-4		
33	Recent Developments in Enantioselective Transition Metal Catalysis Featuring Attractive Noncovalent Interactions between Ligand and Substrate. *ACS Catalysis*, **2020**, 10, 10672-10714	13.1	52
32	Ion-Pair-Directed Borylation of Aromatic Phosphonium Salts. *Journal of Organic Chemistry*, **2019**, 84, 13124-13134	4.2	35
31	Neue Entwicklungen auf dem Gebiet der Minisci-Reaktion. *Angewandte Chemie*, **2019**, 131, 13802-13837	3.6	49

30	Recent Advances in Minisci-Type Reactions. *Angewandte Chemie - International Edition*, **2019**, 58, 13666-13699	16.4	263
29	-Selective C-H Borylation of Common Arene Building Blocks Enabled by Ion-Pairing with a Bulky Countercation. *Journal of the American Chemical Society*, **2019**, 141, 15477-15482	16.4	57
28	Predictive Multivariate Linear Regression Analysis Guides Successful Catalytic Enantioselective Minisci Reactions of Diazines. *Journal of the American Chemical Society*, **2019**, 141, 19178-19185	16.4	37
27	Catalytic enantioselective Minisci-type addition to heteroarenes. *Science*, **2018**, 360, 419-422	33.3	271
26	Ion Pair-Directed C H Activation on Flexible Ammonium Salts: meta-Selective Borylation of Quaternized Phenethylamines and Phenylpropylamines. *ACS Catalysis*, **2018**, 8, 3764-3769	13.1	63
25	Access to the meta position of arenes through transition metal catalysed C-H bond functionalisation: a focus on metals other than palladium. *Chemical Society Reviews*, **2018**, 47, 149-171	58.5	130
24	Palladium-Catalysed Cross-Coupling of Benzylammonium Salts with Boronic Acids under Mild Conditions. *Synthesis*, **2018**, 50, 793-802	2.9	16
23	Site-Selective Cross-Coupling of Remote Chlorides Enabled by Electrostatically Directed Palladium Catalysis. *Journal of the American Chemical Society*, **2018**, 140, 13570-13574	16.4	23
22	Highlights from the 52nd EUCHEM conference on stereochemistry, B genstock, Switzerland, May 2017. *Chemical Communications*, **2017**, 53, 9960-9966	5.8	
21	meta-Selective C H Borylation of Benzylamine-, Phenethylamine-, and Phenylpropylamine-Derived Amides Enabled by a Single Anionic Ligand. *Angewandte Chemie*, **2017**, 129, 13536-13540	3.6	26
20	meta-Selective C-H Borylation of Benzylamine-, Phenethylamine-, and Phenylpropylamine-Derived Amides Enabled by a Single Anionic Ligand. *Angewandte Chemie - International Edition*, **2017**, 56, 13351-13355	16.4	92
19	Harnessing non-covalent interactions to exert control over regioselectivity and site-selectivity in catalytic reactions. *Chemical Science*, **2017**, 8, 864-877	9.4	214
18	Ion Pair-Directed Regiocontrol in Transition-Metal Catalysis: A Meta-Selective C-H Borylation of Aromatic Quaternary Ammonium Salts. *Journal of the American Chemical Society*, **2016**, 138, 12759-12762	16.4	211
17	Cluster Preface: Non-Covalent Interactions in Asymmetric Catalysis. *Synlett*, **2016**, 27, 1024-1026	2.2	6
16	Enantioselective Cu-Catalyzed Arylation of Secondary Phosphine Oxides with Diaryliodonium Salts toward the Synthesis of P-Chiral Phosphines. *Journal of the American Chemical Society*, **2016**, 138, 13183-13186	16.4	102
15	Advances in catalytic enantioselective fluorination, mono-, di-, and trifluoromethylation, and trifluoromethylthiolation reactions. *Chemical Reviews*, **2015**, 115, 826-70	68.1	938
14	Asymmetric fluorination of -branched cyclohexanones enabled by a combination of chiral anion phase-transfer catalysis and enamine catalysis using protected amino acids. *Journal of the American Chemical Society*, **2014**, 136, 5225-8	16.4	115
13	Gram-Scale Enantioselective Formal Synthesis of Morphine through an ortho para Oxidative Phenolic Coupling Strategy. *Angewandte Chemie*, **2014**, 126, 13716-13719	3.6	13

12	Chiral anion phase-transfer catalysis applied to the direct enantioselective fluorinative dearomatization of phenols. *Journal of the American Chemical Society*, **2013**, 135, 1268-71	16.4	191
11	A combination of directing groups and chiral anion phase-transfer catalysis for enantioselective fluorination of alkenes. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 13729-33	11.5	104
10	The progression of chiral anions from concepts to applications in asymmetric catalysis. *Nature Chemistry*, **2012**, 4, 603-14	17.6	621
9	Asymmetric fluorination of enamides: access to □-fluoroimines using an anionic chiral phase-transfer catalyst. *Journal of the American Chemical Society*, **2012**, 134, 8376-9	16.4	175
8	Copper-catalyzed alkene arylation with diaryliodonium salts. *Journal of the American Chemical Society*, **2012**, 134, 10773-6	16.4	159
7	(□)-trans,cis-4-Hydroxy-5,6-di-O-isopropylidenecyclohex-2-ene-1-one: synthesis and facile dimerization to decahydrodibenzofurans. *Journal of Organic Chemistry*, **2011**, 76, 1483-6	4.2	17
6	A Highly Para-Selective Copper(II)-Catalyzed Direct Arylation of Aniline and Phenol Derivatives. *Angewandte Chemie*, **2011**, 123, 478-482	3.6	78
5	Copper(II)-Catalyzed meta-Selective Direct Arylation of □-Aryl Carbonyl Compounds. *Angewandte Chemie*, **2011**, 123, 483-486	3.6	77
4	A highly para-selective copper(II)-catalyzed direct arylation of aniline and phenol derivatives. *Angewandte Chemie - International Edition*, **2011**, 50, 458-62	16.4	272
3	Copper(II)-catalyzed meta-selective direct arylation of □-aryl carbonyl compounds. *Angewandte Chemie - International Edition*, **2011**, 50, 463-6	16.4	262
2	A meta-selective copper-catalyzed C-H bond arylation. *Science*, **2009**, 323, 1593-7	33.3	817
1	Cu(II)-catalyzed direct and site-selective arylation of indoles under mild conditions. *Journal of the American Chemical Society*, **2008**, 130, 8172-4	16.4	682