

# Robert J Phipps

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5928865/robert-j-hipps-publications-by-citations.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Advances in catalytic enantioselective fluorination, mono-, di-, and trifluoromethylation, and trifluoromethylthiolation reactions. <i>Chemical Reviews</i> , <b>2015</b> , 115, 826-70	68.1	938
46	A meta-selective copper-catalyzed C-H bond arylation. <i>Science</i> , <b>2009</b> , 323, 1593-7	33.3	817
45	Cu(II)-catalyzed direct and site-selective arylation of indoles under mild conditions. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 8172-4	16.4	682
44	The progression of chiral anions from concepts to applications in asymmetric catalysis. <i>Nature Chemistry</i> , <b>2012</b> , 4, 603-14	17.6	621
43	A highly para-selective copper(II)-catalyzed direct arylation of aniline and phenol derivatives. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 458-62	16.4	272
42	Catalytic enantioselective Minisci-type addition to heteroarenes. <i>Science</i> , <b>2018</b> , 360, 419-422	33.3	271
41	Recent Advances in Minisci-Type Reactions. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 13666-13699	16.4	263
40	Copper(II)-catalyzed meta-selective direct arylation of $\beta$ -aryl carbonyl compounds. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 463-6	16.4	262
39	Harnessing non-covalent interactions to exert control over regioselectivity and site-selectivity in catalytic reactions. <i>Chemical Science</i> , <b>2017</b> , 8, 864-877	9.4	214
38	Ion Pair-Directed Regiocontrol in Transition-Metal Catalysis: A Meta-Selective C-H Borylation of Aromatic Quaternary Ammonium Salts. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 12759-12762	16.4	211
37	Chiral anion phase-transfer catalysis applied to the direct enantioselective fluorinative dearomatization of phenols. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 1268-71	16.4	191
36	Asymmetric fluorination of enamides: access to $\beta$ -fluoroimines using an anionic chiral phase-transfer catalyst. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 8376-9	16.4	175
35	Copper-catalyzed alkene arylation with diaryliodonium salts. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 10773-6	16.4	159
34	Access to the meta position of arenes through transition metal catalysed C-H bond functionalisation: a focus on metals other than palladium. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 149-171	58.5	130
33	Asymmetric fluorination of $\beta$ -branched cyclohexanones enabled by a combination of chiral anion phase-transfer catalysis and enamine catalysis using protected amino acids. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 5225-8	16.4	115
32	A combination of directing groups and chiral anion phase-transfer catalysis for enantioselective fluorination of alkenes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 13729-33	11.5	104
31	Enantioselective Cu-Catalyzed Arylation of Secondary Phosphine Oxides with Diaryliodonium Salts toward the Synthesis of P-Chiral Phosphines. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 13183-13186	16.4	102

30	meta-Selective C-H Borylation of Benzylamine-, Phenethylamine-, and Phenylpropylamine-Derived Amides Enabled by a Single Anionic Ligand. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 13351-13355	16.4	92
29	Enantioselective remote C-H activation directed by a chiral cation. <i>Science</i> , <b>2020</b> , 367, 1246-1251	33.3	91
28	A Highly Para-Selective Copper(II)-Catalyzed Direct Arylation of Aniline and Phenol Derivatives. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 478-482	3.6	78
27	Copper(II)-Catalyzed meta-Selective Direct Arylation of $\eta$ -Aryl Carbonyl Compounds. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 483-486	3.6	77
26	Ion Pair-Directed C $\equiv$ N Activation on Flexible Ammonium Salts: meta-Selective Borylation of Quaternized Phenethylamines and Phenylpropylamines. <i>ACS Catalysis</i> , <b>2018</b> , 8, 3764-3769	13.1	63
25	meta-Selective C-H Borylation of Common Arene Building Blocks Enabled by Ion-Pairing with a Bulky Counteranion. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 15477-15482	16.4	57
24	Recent Developments in Enantioselective Transition Metal Catalysis Featuring Attractive Noncovalent Interactions between Ligand and Substrate. <i>ACS Catalysis</i> , <b>2020</b> , 10, 10672-10714	13.1	52
23	Neue Entwicklungen auf dem Gebiet der Minisci-Reaktion. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 13802-13837	3.6	49
22	Exploiting attractive non-covalent interactions for the enantioselective catalysis of reactions involving radical intermediates. <i>Nature Chemistry</i> , <b>2020</b> , 12, 990-1004	17.6	49
21	Predictive Multivariate Linear Regression Analysis Guides Successful Catalytic Enantioselective Minisci Reactions of Diazines. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 19178-19185	16.4	37
20	Ion-Pair-Directed Borylation of Aromatic Phosphonium Salts. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 13124-13134	4.2	35
19	meta-Selective C $\equiv$ N Borylation of Benzylamine-, Phenethylamine-, and Phenylpropylamine-Derived Amides Enabled by a Single Anionic Ligand. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 13536-13540	3.6	26
18	Hydrogen Atom Transfer-Driven Enantioselective Minisci Reaction of Amides. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 4928-4934	16.4	24
17	Site-Selective Cross-Coupling of Remote Chlorides Enabled by Electrostatically Directed Palladium Catalysis. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 13570-13574	16.4	23
16	Electrostatically-directed Pd-catalysis in combination with C-H activation: site-selective coupling of remote chlorides with fluoroarenes and fluoroheteroarenes. <i>Chemical Science</i> , <b>2020</b> , 11, 3022-3027	9.4	18
15	( $\beta$ )-trans,cis-4-Hydroxy-5,6-di-O-isopropylidencyclohex-2-ene-1-one: synthesis and facile dimerization to decahydrodibenzofurans. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 1483-6	4.2	17
14	A Computational and Experimental Investigation of the Origin of Selectivity in the Chiral Phosphoric Acid Catalyzed Enantioselective Minisci Reaction. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 21091-21101	16.4	17
13	Palladium-Catalysed Cross-Coupling of Benzylammonium Salts with Boronic Acids under Mild Conditions. <i>Synthesis</i> , <b>2018</b> , 50, 793-802	2.9	16

12	Gram-Scale Enantioselective Formal Synthesis of Morphine through an ortho/para Oxidative Phenolic Coupling Strategy. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 13716-13719	3.6	13
11	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. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 21891-21898	16.4	10
10	Acid and Solvent Effects on the Regioselectivity of Minisci-Type Addition to Quinolines Using Amino Acid Derived Redox Active Esters. <i>Synlett</i> , <b>2021</b> , 32, 179-184	2.2	7
9	Enantioselective Intermolecular C-H Amination Directed by a Chiral Cation. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 10070-10076	16.4	6
8	Cluster Preface: Non-Covalent Interactions in Asymmetric Catalysis. <i>Synlett</i> , <b>2016</b> , 27, 1024-1026	2.2	6
7	Regioselective Radical Arene Amination for the Concise Synthesis of <i>m</i> -Phenylenediamines. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 9355-9360	16.4	3
6	Catalytic Enantioselective Minisci Reaction. <i>Trends in Chemistry</i> , <b>2021</b> , 3, 332-333	14.8	1
5	Harnessing Non-covalent Interactions for Distal C(sp <sup>2</sup> ) <sup>β</sup> Functionalization of Arenes <b>2021</b> , 169-189		1
4	Extended sulfonated bipyridine ligands targeting the para-selective borylation of arenes. <i>Tetrahedron</i> , <b>2022</b> , 132831	2.4	1
3	Highlights from the 52nd EUCHEM conference on stereochemistry, Bâgenstock, Switzerland, May 2017. <i>Chemical Communications</i> , <b>2017</b> , 53, 9960-9966	5.8	
2	5?-Methyl[2,2?-bipyridine]-5-methanesulfonic Acid, Tetrabutylammonium Salt <b>2020</b> , 1-4		
1	Harnessing Ligand-Substrate Non-covalent Interactions for Control of Site-Selectivity in Transition Metal-Catalyzed C-H Activation and Cross-Coupling <b>2022</b> , 117-132		