Robert J Phipps

List of Publications by Year
in descending order

44 papers	8,316 citations	136740 32 h-index	243296 44 g-index
51 all docs	51 docs citations	51 times ranked	5556 citing authors

#	Article	IF	Citations
1	Advances in Catalytic Enantioselective Fluorination, Mono-, Di-, and Trifluoromethylation, and Trifluoromethylthiolation Reactions. Chemical Reviews, 2015, 115, 826-870.	23.0	1,179
2	A Meta-Selective Copper-Catalyzed Câ€“H Bond Arylation. Science, 2009, 323, 1593-1597.	6.0	915
3	Cu(II)-Catalyzed Direct and Site-Selective Arylation of Indoles Under Mild Conditions. Journal of the American Chemical Society, 2008, 130, 8172-8174.	6.6	745
4	The progression of chiral anions from concepts to applications in asymmetric catalysis. Nature Chemistry, 2012, 4, 603-614.	6.6	703
5	Recent Advances in Miniscià€Type Reactions. Angewandte Chemie - International Edition, 2019, 58, 13666-13699.	7.2	468
6	Catalytic enantioselective Minisci-type addition to heteroarenes. Science, 2018, 360, 419-422.	6.0	403
7	A Highly Paraâ€Selective Copper(II)â€Catalyzed Direct Arylation of Aniline and Phenol Derivatives. Angewandte Chemie - International Edition, 2011, 50, 458-462.	7.2	315
8	Ion Pair-Directed Regiocontrol in Transition-Metal Catalysis: A Meta-Selective Câ€“H Borylation of Aromatic Quaternary Ammonium Salts. Journal of the American Chemical Society, 2016, 138, 12759-12762.	6.6	296
9	Harnessing non-covalent interactions to exert control over regioselectivity and site-selectivity in catalytic reactions. Chemical Science, 2017, 8, 864-877.	3.7	283
10	Copper(II)â€Catalyzed metaâ€Selective Direct Arylation of Î±â€Aryl Carbonyl Compounds. Angewandte Chemie - International Edition, 2011, 50, 463-466.	7.2	282
11	Chiral Anion Phase-Transfer Catalysis Applied to the Direct Enantioselective Fluorinative Dearomatization of Phenols. Journal of the American Chemical Society, 2013, 135, 1268-1271.	6.6	222
12	Asymmetric Fluorination of Enamides: Access to Î±-Fluoroimines Using an Anionic Chiral Phase-Transfer Catalyst. Journal of the American Chemical Society, 2012, 134, 8376-8379.	6.6	197
13	Access to the meta position of arenes through transition metal catalysed Câ€“H bond functionalisation: a focus on metals other than palladium. Chemical Society Reviews, 2018, 47, 149-171.	18.7	190
14	Enantioselective remote Câ€“H activation directed by a chiral cation. Science, 2020, 367, 1246-1251.	6.0	188
15	Copper-Catalyzed Alkene Arylation with Diaryliodonium Salts. Journal of the American Chemical Society, 2012, 134, 10773-10776.	6.6	178
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.	6.6	147
17	Asymmetric Fluorination of Î±-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, 5225-5228.	6.6	143
18	metaâ€Selective Câˆ'H Borylation of Benzylamineâ€, Phenethylamineâ€, and Phenylpropylamineâ€Derived Amides Enabled by a Single Anionic Ligand. Angewandte Chemie - International Edition, 2017, 56, 13351-13355.	7.2	142

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19	Recent Developments in Enantioselective Transition Metal Catalysis Featuring Attractive Noncovalent Interactions between Ligand and Substrate. ACS Catalysis, 2020, 10, 10672-10714.	5.5	127
20	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, 13729-13733.	3.3	113
21	Exploiting attractive non-covalent interactions for the enantioselective catalysis of reactions involving radical intermediates. Nature Chemistry, 2020, 12, 990-1004.	6.6	113
22	Para-Selective Câ€“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.	6.6	106
23	Ion Pair-Directed Câ€“H Activation on Flexible Ammonium Salts: meta-Selective Borylation of Quaternized Phenethylamines and Phenylpropylamines. ACS Catalysis, 2018, 8, 3764-3769.	5.5	89
24	Neue Entwicklungen auf dem Gebiet der Minisciâ€Reaktion. Angewandte Chemie, 2019, 131, 13802-13837.	1.6	73
25	Hydrogen Atom Transfer-Driven Enantioselective Minisci Reaction of Amides. Journal of the American Chemical Society, 2021, 143, 4928-4934.	6.6	72
26	Predictive Multivariate Linear Regression Analysis Guides Successful Catalytic Enantioselective Minisci Reactions of Diazines. Journal of the American Chemical Society, 2019, 141, 19178-19185.	6.6	68
27	Ion-Pair-Directed Borylation of Aromatic Phosphonium Salts. Journal of Organic Chemistry, 2019, 84, 13124-13134.	1.7	51
28	metaâ€Selective Câˆ'H Borylation of Benzylamineâ€, Phenethylamineâ€, and Phenylpropylamineâ€Derived Amides Enabled by a Single Anionic Ligand. Angewandte Chemie, 2017, 129, 13536-13540.	1.6	43
29	Site-Selective Cross-Coupling of Remote Chlorides Enabled by Electrostatically Directed Palladium Catalysis. Journal of the American Chemical Society, 2018, 140, 13570-13574.	6.6	43
30	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.	6.6	38
31	Enantioselective Intermolecular Câ€“H Amination Directed by a Chiral Cation. Journal of the American Chemical Society, 2021, 143, 10070-10076.	6.6	32
32	Electrostatically-directed Pd-catalysis in combination with Câ€“H activation: site-selective coupling of remote chlorides with fluoroarenes and fluoroheteroarenes. Chemical Science, 2020, 11, 3022-3027.	3.7	31
33	Systematic Variation of Ligand and Cation Parameters Enables Site-Selective Câ€“C and Câ€“N Cross-Coupling of Multiply Chlorinated Arenes through Substrateâ€“Ligand Electrostatic Interactions. Journal of the American Chemical Society, 2020, 142, 21891-21898.	6.6	30
34	Hydrogen Atom Transfer Driven Enantioselective Minisci Reaction of Alcohols. Angewandte Chemie - International Edition, 2022, 61, .	7.2	29
35	Regioselective Radical Arene Amination for the Concise Synthesis of ortho-Phenylenediamines. Journal of the American Chemical Society, 2021, 143, 9355-9360.	6.6	21
36	(Â±)-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, 1483-1486.	1.7	20

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37	Palladium-Catalysed Cross-Coupling of Benzylammonium Salts with Boronic Acids under Mild Conditions. Synthesis, 2018, 50, 793-802.	1.2	18
38	Cluster Preface: Non-Covalent Interactions in Asymmetric Catalysis. Synlett, 2016, 27, 1024-1026.	1.0	10
39	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.	1.0	9
40	Extended sulfonated bipyridine ligands targeting the para-selective borylation of arenes. Tetrahedron, 2022, 117-118, 132831.	1.0	4
41	Catalytic Enantioselective Minisci Reaction. Trends in Chemistry, 2021, 3, 332-333.	4.4	2
42	Hydrogen Atom Transfer Driven Enantioselective Minisci Reaction of Alcohols. Angewandte Chemie, 0, , .	1.6	1
43	Highlights from the 52nd EUCHEM conference on stereochemistry, BÃ¼rgenstock, Switzerland, May 2017. Chemical Communications, 2017, 53, 9960-9966.	2.2	0
44	An Aminative Rearrangement of Oâ€(Arenesulfonyl)hydroxylamines: Facile Access to orthoâ€Sulfonyl Anilines. Angewandte Chemie, 0, , .	1.6	0