Jennifer V Obligacion

List of Publications by Citations

15	1,645	12	16
papers	citations	h-index	g-index
16	1,996	15.8	5.63
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
15	Earth-Abundant Transition Metal Catalysts for Alkene Hydrosilylation and Hydroboration: Opportunities and Assessments. *Nature Reviews Chemistry*, **2018**, 2, 15-34	34.6	365
14	Bis(imino)pyridine cobalt-catalyzed alkene isomerization-hydroboration: a strategy for remote hydrofunctionalization with terminal selectivity. *Journal of the American Chemical Society*, **2013**, 135, 19107-10	16.4	270
13	Cobalt-catalyzed C-H borylation. *Journal of the American Chemical Society*, **2014**, 136, 4133-6	16.4	227
12	Cobalt catalyzed z-selective hydroboration of terminal alkynes and elucidation of the origin of selectivity. *Journal of the American Chemical Society*, **2015**, 137, 5855-8	16.4	186
11	Highly selective bis(imino)pyridine iron-catalyzed alkene hydroboration. *Organic Letters*, **2013**, 15, 2680-3	5.2	164
10	Cobalt-Catalyzed Benzylic Borylation: Enabling Polyborylation and Functionalization of Remote, Unactivated C(sp(3))-H Bonds. *Journal of the American Chemical Society*, **2016**, 138, 766-9	16.4	142
9	Cobalt-Catalyzed C(sp(2))-H Borylation: Mechanistic Insights Inspire Catalyst Design. *Journal of the American Chemical Society*, **2016**, 138, 10645-53	16.4	81
8	C(sp)-H Borylation of Fluorinated Arenes Using an Air-Stable Cobalt Precatalyst: Electronically Enhanced Site Selectivity Enables Synthetic Opportunities. *Journal of the American Chemical Society* , **2017**, 139, 2825-2832	16.4	78
7	Mechanistic Studies of Cobalt-Catalyzed C(sp)-H Borylation of Five-Membered Heteroarenes with Pinacolborane. *ACS Catalysis*, **2017**, 7, 4366-4371	13.1	41
6	Cobalt-Catalyzed Borylation of Fluorinated Arenes: Thermodynamic Control of C(sp)-H Oxidative Addition Results in -to-Fluorine Selectivity. *Journal of the American Chemical Society*, **2019**, 141, 15378-15389	16.4	26
5	Cobalt Pincer Complexes in Catalytic C-H Borylation: The Pincer Ligand Flips Rather Than Dearomatizes. *ACS Catalysis*, **2018**, 8, 10606-10618	13.1	26
4	A kinase-cGAS cascade to synthesize a therapeutic STING activator.. *Nature*, **2022**, 603, 439-444	50.4	13
3	Insights into Activation of Cobalt Pre-Catalysts for C()-H Functionalization. *Israel Journal of Chemistry*, **2017**, 57, 1032-1036	3.4	12
2	Diverse Catalytic Reactions for the Stereoselective Synthesis of Cyclic Dinucleotide MK-1454.. *Journal of the American Chemical Society*, **2022**,	16.4	8
1	Investigation of Lithium Acetyl Phosphate Synthesis Using Process Analytical Technology. *Organic Process Research and Development*, **2021**, 25, 1402-1413	3.9	5