

Jennifer V Obligacion

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,290
citations

623188

14
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

1962
citing authors

#	ARTICLE	IF	CITATIONS
1	Earth-abundant transition metal catalysts for alkene hydrosilylation and hydroboration. <i>Nature Reviews Chemistry</i> , 2018, 2, 15-34.	13.8	591
2	Bis(imino)pyridine Cobalt-Catalyzed Alkene Isomerization&Hydroboration: A Strategy for Remote Hydrofunctionalization with Terminal Selectivity. <i>Journal of the American Chemical Society</i> , 2013, 135, 19107-19110.	6.6	337
3	Cobalt-Catalyzed C&H Borylation. <i>Journal of the American Chemical Society</i> , 2014, 136, 4133-4136.	6.6	276
4	Cobalt Catalyzed <i>Z</i> -Selective Hydroboration of Terminal Alkynes and Elucidation of the Origin of Selectivity. <i>Journal of the American Chemical Society</i> , 2015, 137, 5855-5858.	6.6	229
5	Cobalt-Catalyzed Benzylic Borylation: Enabling Polyborylation and Functionalization of Remote, Unactivated C(sp ³)&H Bonds. <i>Journal of the American Chemical Society</i> , 2016, 138, 766-769.	6.6	200
6	Highly Selective Bis(imino)pyridine Iron-Catalyzed Alkene Hydroboration. <i>Organic Letters</i> , 2013, 15, 2680-2683.	2.4	182
7	Cobalt-Catalyzed C(sp ²)-H Borylation: Mechanistic Insights Inspire Catalyst Design. <i>Journal of the American Chemical Society</i> , 2016, 138, 10645-10653.	6.6	116
8	C(sp ²)&H Borylation of Fluorinated Arenes Using an Air-Stable Cobalt Precatalyst: Electronically Enhanced Site Selectivity Enables Synthetic Opportunities. <i>Journal of the American Chemical Society</i> , 2017, 139, 2825-2832.	6.6	107
9	A kinase-cGAS cascade to synthesize a therapeutic STING activator. <i>Nature</i> , 2022, 603, 439-444.	13.7	58
10	Mechanistic Studies of Cobalt-Catalyzed C(sp ²)&H Borylation of Five-Membered Heteroarenes with Pinacolborane. <i>ACS Catalysis</i> , 2017, 7, 4366-4371.	5.5	51
11	Cobalt-Catalyzed Borylation of Fluorinated Arenes: Thermodynamic Control of C(sp ²)-H Oxidative Addition Results in <i>ortho</i> -to-Fluorine Selectivity. <i>Journal of the American Chemical Society</i> , 2019, 141, 15378-15389.	6.6	44
12	Cobalt Pincer Complexes in Catalytic C&H Borylation: The Pincer Ligand Flips Rather Than Dearomatizes. <i>ACS Catalysis</i> , 2018, 8, 10606-10618.	5.5	39
13	Diverse Catalytic Reactions for the Stereoselective Synthesis of Cyclic Dinucleotide MK-1454. <i>Journal of the American Chemical Society</i> , 2022, 144, 5855-5863.	6.6	30
14	Insights into Activation of Cobalt Pre&Catalysts for C(sp ²)&H Functionalization. <i>Israel Journal of Chemistry</i> , 2017, 57, 1032-1036.	1.0	17
15	Investigation of Lithium Acetyl Phosphate Synthesis Using Process Analytical Technology. <i>Organic Process Research and Development</i> , 2021, 25, 1402-1413.	1.3	10
16	Development of a Practical Manufacturing Process to Relebactam via Thorough Understanding of the Origin and Control of Oligomeric Impurities. <i>Organic Process Research and Development</i> , 0, , .	1.3	3