Malkanthi K Karunananda

List of Publications by Year
in descending order

17	1,067	471509 17	888059 17
papers	citations	h-index	g-index

18	18	18	1108
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nickel-Catalyzed 1,2-Diarylation of Simple Alkenyl Amides. Journal of the American Chemical Society, 2018, 140, 17878-17883.	13.7	161
2	E-Selective Semi-Hydrogenation of Alkynes by Heterobimetallic Catalysis. Journal of the American Chemical Society, 2015, 137, 14598-14601.	13.7	158
3	C(alkenyl)â€“H Activation via Six-Membered Palladacycles: Catalytic 1,3-Diene Synthesis. Journal of the American Chemical Society, 2018, 140, 5805-5813.	13.7	134
4	Catalytic, Enantioselective Synthesis of Allenyl Boronates. ACS Catalysis, 2018, 8, 3650-3654.	11.2	75
5	Nickelâ€Catalyzed 1,2â€Diarylation of Alkenyl Carboxylates: A Gateway to 1,2,3â€Trifunctionalized Building Blocks. Angewandte Chemie - International Edition, 2020, 59, 1201-1205.	13.8	69
6	Cooperative Strategies for Catalytic Hydrogenation of Unsaturated Hydrocarbons. ACS Catalysis, 2017, 7, 6110-6119.	11.2	64
7	Catalytic, Enantioselective Î±â€Alkylation of Azlactones with Nonconjugated Alkenes by Directed Nucleopalladation. Angewandte Chemie - International Edition, 2019, 58, 3923-3927.	13.8	63
8	Synthesis and Characterization of Heterobimetallic Complexes with Direct Cuâ€“M Bonds (M = Cr, Mn,) Tj ETQq0 0 0 rgBT /Overlock 10 Discovery. Inorganic Chemistry, 2014, 53, 11307-11315.	4.0	57
9	Heterobimetallic H₂ Addition and Alkene/Alkane Elimination Reactions Related to the Mechanism of E-Selective Alkyne Semihydrogenation. Organometallics, 2017, 36, 220-227.	2.3	49
10	Experimental and Computational Characterization of the Transition State for Câ€“X Bimetallic Oxidative Addition at a Cuâ€“Fe Reaction Center. Organometallics, 2015, 34, 3857-3864.	2.3	42
11	Experimental determination of redox cooperativity and electronic structures in catalytically active Cuâ€“Fe and Znâ€“Fe heterobimetallic complexes. Dalton Transactions, 2014, 43, 13661.	3.3	41
12	Catalytic, Enantioselective Î±â€Alkylation of Azlactones with Nonconjugated Alkenes by Directed Nucleopalladation. Angewandte Chemie, 2019, 131, 3963-3967.	2.0	29
13	Synthetic and Mechanistic Studies of a Versatile Heteroaryl Thioether Directing Group for Pd(II) Catalysis. ACS Catalysis, 2019, 9, 7626-7640.	11.2	28
14	Dynamically Bifurcating Hydride Transfer Mechanism and Origin of Inverse Isotope Effect for Heterodinuclear AgRu-Catalyzed Alkyne Semihydrogenation. ACS Catalysis, 2019, 9, 2657-2663.	11.2	28
15	Mechanistic Studies of Pd(II)-Catalyzed E/Z Isomerization of Unactivated Alkenes: Evidence for a Monometallic Nucleopalladation Pathway. ACS Catalysis, 2021, 11, 4239-4246.	11.2	25
16	Ni-Catalyzed 1,2-Diarylation of Alkenyl Ketones: A Comparative Study of Carbonyl-Directed Reaction Systems. Organic Letters, 2021, 23, 5311-5316.	4.6	24
17	Nickelâ€Catalyzed 1,2â€Diarylation of Alkenyl Carboxylates: A Gateway to 1,2,3â€Trifunctionalized Building Blocks. Angewandte Chemie, 2020, 132, 1217-1221.	2.0	19