

Richard Y Kong

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Carbon Chain Growth by Sequential Reactions of CO and CO ₂ with [W(CO) ₆] and an Aluminum(I) Reductant. <i>Journal of the American Chemical Society</i> , 2018, 140, 13614-13617.	13.7	60
2	Cooperative strategies for CO homologation. <i>Dalton Transactions</i> , 2020, 49, 16587-16597.	3.3	41
3	Reactions of an Aluminum(I) Reagent with 1,2-, 1,3-, and 1,5-Dienes: Dearomatization, Reversibility, and a Pericyclic Mechanism. <i>Inorganic Chemistry</i> , 2020, 59, 4608-4616.	4.0	40
4	Activation and Functionalization of C≡C Bonds of Alkylidene Cyclopropanes at Main Group Centers. <i>Journal of the American Chemical Society</i> , 2020, 142, 11967-11971.	13.7	25
5	Chemoselective C≡C Bond Activation of the Most Stable Ring in Biphenylene**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2619-2623.	13.8	25
6	Group 11 Borataalkene Complexes: Models for Alkene Activation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12013-12019.	13.8	21
7	Reversible insertion of CO into an aluminium-carbon bond. <i>Chemical Communications</i> , 2019, 55, 6181-6184.	4.1	20
8	Reactions of aluminium with transition metal carbonyls: scope, mechanism and selectivity of CO homologation. <i>Chemical Science</i> , 2021, 12, 14845-14854.	7.4	17
9	1 st row transition metal aluminylene complexes: preparation, properties and bonding analysis. <i>Dalton Transactions</i> , 2021, 50, 7810-7817.	3.3	15
10	High oxidation state bromocarbyne complexes. <i>Chemical Communications</i> , 2017, 53, 759-762.	4.1	14
11	Group 11 Borataalkene Complexes: Models for Alkene Activation. <i>Angewandte Chemie</i> , 2021, 133, 12120-12126.	2.0	13
12	Functionalization and Hydrogenation of Carbon Chains Derived from CO**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	10
13	An unusual alkylidyne homologation. <i>Chemical Communications</i> , 2018, 54, 2292-2295.	4.1	9
14	Chemoselective C≡C Bond Activation of the Most Stable Ring in Biphenylene**. <i>Angewandte Chemie</i> , 2021, 133, 2651-2655.	2.0	7
15	An anionic nucleophilic d ⁴ carbyne complex. <i>Chemical Communications</i> , 2017, 53, 2032-2035.	4.1	6
16	Bimetallic Complexes of Group 8, 9, and 11 Metals Bridged by RB(NCH ₂) ₂ PPh ₂ C ₆ H ₄ (R = H,) <i>Journal of the American Chemical Society</i> , 2018, 140, 2855-2864.	2.0	1
17	Stereoselective insertion of cyclopropenes into Mg-Mg bonds. <i>Chemical Communications</i> , 2022, 58, 8282-8285.	4.1	1
18	Functionalization and Hydrogenation of Carbon Chains Derived from CO**. <i>Angewandte Chemie</i> , 0, , .	2.0	0