

Tian Zhou

List of Publications by Year in descending order

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276
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin of Regioselectivity in the Dehydrogenation of Alkanes by Pincer-Iridium Complexes: A Combined Experimental and Computational Study. ACS Catalysis, 2021, 11, 12038-12051.	11.2	7
2	Catalytic Alkane Transfer Dehydrogenation by PSP-Pincer-Ligated Ruthenium. Deactivation of an Extremely Reactive Fragment by Formation of Allyl Hydride Complexes. ACS Catalysis, 2019, 9, 4072-4083.	11.2	29
3	Polar molecules catalyze CO insertion into metal-alkyl bonds through the displacement of an agostic C-H bond. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3419-3424.	7.1	5
4	PNP-Pincer Complexes of Osmium: Comparison with Isoelectronic (PCP)Ir and (PNP)Ir ⁺ Units. Organometallics, 2018, 37, 314-326.	2.3	15
5	Catalytic Dehydrogenative C=C Coupling by a Pincer-Ligated Iridium Complex. Journal of the American Chemical Society, 2017, 139, 8977-8989.	13.7	35
6	Single and Double C-H Activation of Biphenyl or Phenanthrene. An Example of C-H Addition to Ir(III) More Facile than Addition to Ir(I). Organometallics, 2016, 35, 1613-1623.	2.3	16
7	Dehydrogenation of <i>n</i> -Alkanes by Solid-Phase Molecular Pincer-Iridium Catalysts. High Yields of \pm -Olefin Product. Journal of the American Chemical Society, 2015, 137, 9894-9911.	13.7	74