

Tian Zhou

List of Publications by Year in descending order

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7
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276
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| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Dehydrogenation of <i>n</i> -Alkanes by Solid-Phase Molecular Pincer-Iridium Catalysts. High Yields of \pm -Olefin Product. <i>Journal of the American Chemical Society</i> , 2015, 137, 9894-9911. | 13.7 | 74 |
| 2 | Catalytic Dehydrogenative C=C Coupling by a Pincer-Ligated Iridium Complex. <i>Journal of the American Chemical Society</i> , 2017, 139, 8977-8989. | 13.7 | 35 |
| 3 | Catalytic Alkane Transfer Dehydrogenation by PSP-Pincer-Ligated Ruthenium. Deactivation of an Extremely Reactive Fragment by Formation of Allyl Hydride Complexes. <i>ACS Catalysis</i> , 2019, 9, 4072-4083. | 11.2 | 29 |
| 4 | 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). <i>Organometallics</i> , 2016, 35, 1613-1623. | 2.3 | 16 |
| 5 | PNP-Pincer Complexes of Osmium: Comparison with Isoelectronic (PCP)Ir and (PNP)Ir ⁺ Units. <i>Organometallics</i> , 2018, 37, 314-326. | 2.3 | 15 |
| 6 | Origin of Regioselectivity in the Dehydrogenation of Alkanes by Pincer-Iridium Complexes: A Combined Experimental and Computational Study. <i>ACS Catalysis</i> , 2021, 11, 12038-12051. | 11.2 | 7 |
| 7 | Polar molecules catalyze CO insertion into metal-alkyl bonds through the displacement of an agostic C-H bond. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3419-3424. | 7.1 | 5 |