

Hunter B Vibbert

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Generation of $\dot{\text{C}}\text{Boryl}$ Radicals by H^{\cdot} Transfer and their Use in Cycloisomerizations. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22678-22682. | 13.8 | 7 |
| 2 | Generation of $\dot{\text{C}}\text{Boryl}$ Radicals by H^{\cdot} Transfer and their Use in Cycloisomerizations. <i>Angewandte Chemie</i> , 2021, 133, 22860-22864. | 2.0 | 1 |
| 3 | Hydrogen atom transfer rates from Tp-containing metal-hydrides to trityl radicals. <i>Canadian Journal of Chemistry</i> , 2021, 99, 216-220. | 1.1 | 5 |
| 4 | Synthesis, Characterization, and Catalytic Activity of Bimetallic Ti/Cr Complexes. <i>Organometallics</i> , 2020, 39, 4592-4598. | 2.3 | 2 |
| 5 | Synthesis, Structure, and Bonding of d^3 Molybdenum Oxo Complexes. <i>Angewandte Chemie</i> , 2020, 132, 10668-10673. | 2.0 | 0 |
| 6 | Synthesis, Structure, and Bonding of d^3 Molybdenum Oxo Complexes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10581-10586. | 13.8 | 1 |
| 7 | H^{\cdot} Transfer-Initiated Synthesis of $\dot{\text{C}}^3$ -Lactams: Interpretation of Cycloisomerization and Hydrogenation Ratios. <i>ACS Catalysis</i> , 2019, 9, 10294-10298. | 11.2 | 21 |
| 8 | Thermodynamics of $\text{H}^{\cdot}/\text{H}^{\cdot}/\text{H}^{\cdot}/\text{H}^{\cdot}/\text{H}^{\cdot}$ Transfer from $[\text{CpV}(\text{CO})_3\text{H}]^{\cdot}$: Comparisons to the Isoelectronic $[\text{CpCr}(\text{CO})_3\text{H}]^{\cdot}$. <i>Organometallics</i> , 2019, 38, 4319-4328. | 2.3 | 10 |
| 9 | Thermodynamic and Structural Factors That Influence the Redox Potentials of Tungsten Alkylidyne Complexes. <i>ACS Catalysis</i> , 2017, 7, 6134-6143. | 11.2 | 7 |
| 10 | Accelerating sample preparation through enzyme-assisted microfiltration of <i>Salmonella</i> in chicken extract. <i>Biotechnology Progress</i> , 2015, 31, 1551-1562. | 2.6 | 21 |
| 11 | Varying Substituents and Solvents To Maximize the Luminescence from $[\text{Ru}(\text{trpy})(\text{bpy})\text{CN}]^{\cdot}$ Derivatives. <i>Inorganic Chemistry</i> , 2013, 52, 12553-12560. | 4.0 | 11 |
| 12 | Dihydrogen activation by a tungsten alkylidyne complex: toward photoredox chromophores that deliver renewable reducing equivalents. <i>Chemical Communications</i> , 2013, 49, 10566. | 4.1 | 8 |
| 13 | Rapid Sample Processing for Detection of Food-Borne Pathogens via Cross-Flow Microfiltration. <i>Applied and Environmental Microbiology</i> , 2013, 79, 7048-7054. | 3.1 | 46 |