

Virendra Kumar Tiwari

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

437
citations

933447

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h-index

1199594

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18
all docs

18
docs citations

18
times ranked

660
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Rapid Enantioselective and Diastereoconvergent Hybrid Organic/Biocatalytic Entry into the Oseltamivir Core. <i>Journal of Organic Chemistry</i> , 2021, 86, 6494-6503. | 3.2 | 3 |
| 2 | A Hammett Study of <i>Clostridium acetobutylicum</i> Alcohol Dehydrogenase (CaADH): An Enzyme with Remarkable Substrate Promiscuity and Utility for Organic Synthesis. <i>Synlett</i> , 2020, 31, 237-247. | 1.8 | 6 |
| 3 | Catalyst-controlled positional-selectivity in C-H functionalizations. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1007-1026. | 2.8 | 50 |
| 4 | Mix-and-inject XFEL crystallography reveals gated conformational dynamics during enzyme catalysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25634-25640. | 7.1 | 56 |
| 5 | One Substrate, Two Modes of C-H Functionalization: A Metal-Controlled Site-Selectivity Switch in C-H Arylation Reactions. <i>Organic Letters</i> , 2017, 19, 262-265. | 4.6 | 34 |
| 6 | A thiocyanopalladation/carbocyclization transformation identified through enzymatic screening: stereocontrolled tandem C-SCN and C-C bond formation. <i>Chemical Science</i> , 2017, 8, 8050-8060. | 7.4 | 19 |
| 7 | Heteroatom-Guided, Palladium-Catalyzed, Site-Selective C-H Arylation of 4-Chromenes: Diastereoselective Assembly of the Core Structure of Myristinin-B through Dual C-H Functionalization. <i>Chemistry - A European Journal</i> , 2015, 21, 9905-9911. | 3.3 | 16 |
| 8 | Ruthenium-Catalyzed Heteroatom-Directed Regioselective C-H Arylation of Indoles Using a Removable Tether. <i>Organic Letters</i> , 2015, 17, 1766-1769. | 4.6 | 91 |
| 9 | Palladium catalyzed, heteroatom-guided C-H functionalization in the synthesis of substituted isoquinolines and dihydroisoquinolines. <i>Chemical Communications</i> , 2014, 50, 7322. | 4.1 | 31 |
| 10 | Temperature Induced Morphological Transitions from Native to Unfolded Aggregated States of Human Serum Albumin. <i>Journal of Physical Chemistry B</i> , 2014, 118, 7267-7276. | 2.6 | 45 |
| 11 | Dehydrogenative Heck Reaction (Fujiwara-Moritani Reaction) of Unactivated Olefins with Simple Dihydropyrans under Aprotic Conditions. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2185-2190. | 4.3 | 43 |
| 12 | Heteroatom-Guided, Palladium-Catalyzed Regioselective C-H Functionalization in the Synthesis of 3-Arylquinolines. <i>Organic Letters</i> , 2013, 15, 3310-3313. | 4.6 | 41 |