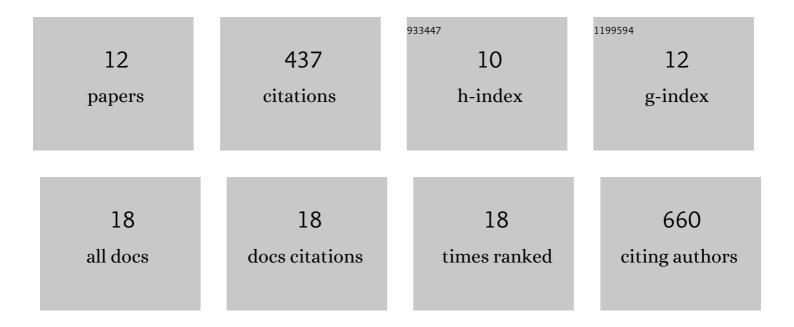
Virendra Kumar Tiwari

List of Publications by Year in descending order

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