

Quentin Michaudel

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,598
citations

516710

16
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

1805
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Intermolecular Ritter-Type C-H Amination of Unactivated sp ³ Carbons. <i>Journal of the American Chemical Society</i> , 2012, 134, 2547-2550. | 13.7 | 234 |
| 2 | Cationic Polymerization of Vinyl Ethers Controlled by Visible Light. <i>Journal of the American Chemical Society</i> , 2016, 138, 15535-15538. | 13.7 | 186 |
| 3 | Photocontrolled Interconversion of Cationic and Radical Polymerizations. <i>Journal of the American Chemical Society</i> , 2017, 139, 10665-10668. | 13.7 | 183 |
| 4 | Cationic Polymerization: From Photoinitiation to Photocontrol. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9670-9679. | 13.8 | 148 |
| 5 | Flavin-mediated dual oxidation controls an enzymatic Favorskii-type rearrangement. <i>Nature</i> , 2013, 503, 552-556. | 27.8 | 147 |
| 6 | Hydromethylation of Unactivated Olefins. <i>Journal of the American Chemical Society</i> , 2015, 137, 8046-8049. | 13.7 | 137 |
| 7 | Mechanistic Insight into the Photocontrolled Cationic Polymerization of Vinyl Ethers. <i>Journal of the American Chemical Society</i> , 2017, 139, 15530-15538. | 13.7 | 120 |
| 8 | Biochemical Establishment and Characterization of EncM TM 's Flavin-N5-oxide Cofactor. <i>Journal of the American Chemical Society</i> , 2015, 137, 8078-8085. | 13.7 | 80 |
| 9 | Improving Physical Properties via C-H Oxidation: Chemical and Enzymatic Approaches. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12091-12096. | 13.8 | 78 |
| 10 | Academia-Industry Symbiosis in Organic Chemistry. <i>Accounts of Chemical Research</i> , 2015, 48, 712-721. | 15.6 | 64 |
| 11 | Controlled Cationic Polymerization: Single-Component Initiation under Ambient Conditions. <i>Journal of the American Chemical Society</i> , 2019, 141, 10605-10609. | 13.7 | 40 |
| 12 | Synthesis of unsymmetrical sulfamides and polysulfamides via SuFEx click chemistry. <i>Chemical Science</i> , 2020, 11, 7807-7812. | 7.4 | 38 |
| 13 | Synthesis of methylene butyrolactone polymers from itaconic acid. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2730-2737. | 2.3 | 35 |
| 14 | Stereoretentive Ring-Opening Metathesis Polymerization to Access All-cis Poly(<i>p</i> -phenylenevinylene)s with Living Characteristics. <i>Journal of the American Chemical Society</i> , 2020, 142, 11983-11987. | 13.7 | 30 |
| 15 | Kationische Polymerisation: von der Photoinitiiierung zur Steuerung durch Licht. <i>Angewandte Chemie</i> , 2017, 129, 9798-9808. | 2.0 | 20 |
| 16 | Synthesis of Biologically Active Piperidine Metabolites of Clopidogrel: Determination of Structure and Analyte Development. <i>Journal of Organic Chemistry</i> , 2015, 80, 7019-7032. | 3.2 | 19 |
| 17 | Modular Synthesis of Alkenyl Sulfamates and β -Ketosulfonamides via Sulfur(VI) Fluoride Exchange (SuFEx) Click Chemistry and Photomediated 1,3-Rearrangement. <i>Organic Letters</i> , 2021, 23, 5271-5276. | 4.6 | 10 |
| 18 | All-cis poly(<i>p</i> -phenylene vinylene)s with high molar masses and fast photoisomerization rates obtained through stereoretentive ring-opening metathesis polymerization of [2,2]paracyclophane dienes with various aryl substituents. <i>Journal of Polymer Science</i> , 2022, 60, 569-578. | 3.8 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Storing Information at the Molecular Level: Efficient Synthesis of "Barcode" Polymers. <i>CheM</i> , 2016, 1, 23-24. | 11.7 | 4 |
| 20 | Stereoretentive Olefin Metathesis: A New Avenue for the Synthesis of All-cis Poly(p-phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 | 1.8 | 4 |
| 21 | E vs Z Selectivity in Olefin Metathesis Through Catalyst Design. , 2022, , 265-338. | | 2 |