

Adam Simon

List of Publications by Year in descending order

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12
papers

469
citations

840776

11
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1199594

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12
all docs

12
docs citations

12
times ranked

696
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Inverted Binding of Non-natural Substrates in Strictosidine Synthase Leads to a Switch of Stereochemical Outcome in Enzyme-Catalyzed Pictetâ€“Spengler Reactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 792-800. | 13.7 | 33 |
| 2 | Structural Contributions to Autocatalysis and Asymmetric Amplification in the Soai Reaction. <i>Journal of the American Chemical Society</i> , 2020, 142, 18387-18406. | 13.7 | 15 |
| 3 | Demystifying the asymmetry-amplifying, autocatalytic behaviour of the Soai reaction through structural, mechanistic and computational studies. <i>Nature Chemistry</i> , 2020, 12, 412-423. | 13.6 | 44 |
| 4 | Catalytic Enantioselective Hetero-[6+4] and -[6+2] Cycloadditions for the Construction of Condensed Polycyclic Pyrroles, Imidazoles, and Pyrazoles. <i>Journal of the American Chemical Society</i> , 2019, 141, 3288-3297. | 13.7 | 51 |
| 5 | Arynes and Cyclic Alkynes as Synthetic Building Blocks for Stereodefined Quaternary Centers. <i>Journal of the American Chemical Society</i> , 2018, 140, 7605-7610. | 13.7 | 40 |
| 6 | Organocatalytic [6+4] Cycloadditions via Zwitterionic Intermediates: Chemo-, Regio-, and Stereoselectivities. <i>Journal of the American Chemical Society</i> , 2018, 140, 13726-13735. | 13.7 | 37 |
| 7 | Model for the Enantioselectivity of Asymmetric Intramolecular Alkylations by Bis-Quaternized Cinchona Alkaloid-Derived Catalysts. <i>Journal of Organic Chemistry</i> , 2017, 82, 8645-8650. | 3.2 | 29 |
| 8 | Origins of Stereoselectivity of Enamineâ€“Iminium-Activated Nazarov Cyclizations by Vicinal Diamines. <i>Journal of Organic Chemistry</i> , 2017, 82, 8186-8190. | 3.2 | 7 |
| 9 | Organocatalysis: Fundamentals and Comparisons to Metal and Enzyme Catalysis. <i>Catalysts</i> , 2016, 6, 128. | 3.5 | 28 |
| 10 | Origins of Stereoselectivity of Chiral Vicinal Diamine-Catalyzed Aldol Reactions. <i>Journal of Organic Chemistry</i> , 2016, 81, 12408-12415. | 3.2 | 12 |
| 11 | Theory and Modeling of Asymmetric Catalytic Reactions. <i>Accounts of Chemical Research</i> , 2016, 49, 750-762. | 15.6 | 149 |
| 12 | Transition States of Vicinal Diamine-Catalyzed Aldol Reactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 503-506. | 13.7 | 24 |