

Adam Simon

List of Publications by Year in descending order

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12
papers

469
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

696
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory and Modeling of Asymmetric Catalytic Reactions. <i>Accounts of Chemical Research</i> , 2016, 49, 750-762.	15.6	149
2	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
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	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
5	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
6	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
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	Organocatalysis: Fundamentals and Comparisons to Metal and Enzyme Catalysis. <i>Catalysts</i> , 2016, 6, 128.	3.5	28
9	Transition States of Vicinal Diamine-Catalyzed Aldol Reactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 503-506.	13.7	24
10	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
11	Origins of Stereoselectivity of Chiral Vicinal Diamine-Catalyzed Aldol Reactions. <i>Journal of Organic Chemistry</i> , 2016, 81, 12408-12415.	3.2	12
12	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