

Simon Krautwald

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,771
citations

516710

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h-index

839539

18
g-index

23
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23
docs citations

23
times ranked

1988
citing authors

#	ARTICLE	IF	CITATIONS
1	A Boron Activating Effect Enables Cobalt-Catalyzed Asymmetric Hydrogenation of Sterically Hindered Alkenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 3923-3930.	13.7	55
2	Iridium-Catalyzed Enantioselective Allylic Substitution with Aqueous Solutions of Nucleophiles. <i>Journal of the American Chemical Society</i> , 2019, 141, 12212-12218.	13.7	53
3	Asymmetric Synthesis of the Tricyclooctane Core of Trachylobane Natural Products and Related Terpenoids. <i>Organic Letters</i> , 2019, 21, 8705-8707.	4.6	7
4	Total Synthesis of (âˆ™)-Mitrephorone A. <i>Journal of the American Chemical Society</i> , 2018, 140, 16704-16710.	13.7	54
5	Study of Intermediates in Iridiumâ€™(Phosphoramidite,Olefin)-Catalyzed Enantioselective Allylic Substitution. <i>Journal of the American Chemical Society</i> , 2017, 139, 3603-3606.	13.7	132
6	Cobalt-Catalyzed 1,1-Diboration of Terminal Alkynes: Scope, Mechanism, and Synthetic Applications. <i>Journal of the American Chemical Society</i> , 2017, 139, 3868-3875.	13.7	132
7	Stereodivergence in Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2017, 139, 5627-5639.	13.7	353
8	Stereoselective Synthesis of Piperidines by Iridiumâ€™Catalyzed Cyclocondensation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11515-11519.	13.8	37
9	Stereoselective Synthesis of Piperidines by Iridiumâ€™Catalyzed Cyclocondensation. <i>Angewandte Chemie</i> , 2017, 129, 11673-11677.	2.0	16
10	Bioisosteric Exchange of Câ€™Chloro and Methyl Substituents: Synthesis and Initial Biological Studies of Atpeninâ€™...A5 Analogues. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4049-4053.	13.8	19
11	Stereodivergent Dual Catalytic Î±â€™Allylation of Protected Î±â€™Aminoâ€™and Î±â€™Hydroxyacetaldehydes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14363-14367.	13.8	212
12	Stereodivergent Î±â€™-Allylation of Linear Aldehydes with Dual Iridium and Amine Catalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 3020-3023.	13.7	353
13	Stereodivergent Total Synthesis of Î³⁹â€™Tetrahydrocannabinols. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13898-13901.	13.8	134
14	Enantio- and Diastereodivergent Dual Catalysis: Î±â€™-Allylation of Branched Aldehydes. <i>Science</i> , 2013, 340, 1065-1068.	12.6	775
15	Photocatalytic Synthesis of Allylic Trifluoromethyl Substituted Styrene Derivatives in Batch and Flow. <i>Organic Letters</i> , 2013, 15, 1634-1637.	4.6	120
16	Iridium-Catalyzed Enantioselective Polyene Cyclization. <i>Journal of the American Chemical Society</i> , 2012, 134, 20276-20278.	13.7	199