

Daniel M Walden

List of Publications by Year in descending order

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16
papers

655
citations

687363

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940533

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17
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619
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#	ARTICLE	IF	CITATIONS
1	Scope, Limitations and Mechanistic Analysis of the HyperBTMâ€Catalyzed Acylative Kinetic Resolution of Tertiary Heterocyclic Alcohols**. European Journal of Organic Chemistry, 2022, 2022, e202101111.	2.4	4
2	Mechanism and origins of selectivity in the enantioselective oxa-Pictetâ€Spengler reaction: a cooperative catalytic complex from a hydrogen bond donor and chiral phosphoric acid. Chemical Science, 2020, 11, 8736-8743.	7.4	9
3	Isothioureaâ€Catalyzed Atropselective Acylation of Biaryl Phenols via Sequential Desymmetrization/Kinetic Resolution. Angewandte Chemie - International Edition, 2020, 59, 7897-7905.	13.8	47
4	Isothioureaâ€Catalyzed Atropselective Acylation of Biaryl Phenols via Sequential Desymmetrization/Kinetic Resolution. Angewandte Chemie, 2020, 132, 7971-7979.	2.0	13
5	Catalytic enantioselective synthesis of perfluoroalkyl-substituted Î²-lactones <i>via</i> a concerted asynchronous [2 + 2] cycloaddition: a synthetic and computational study. Chemical Science, 2019, 10, 6162-6173.	7.4	40
6	Evaluating Computational and Structural Approaches to Predict Transformation Products of Polycyclic Aromatic Hydrocarbons. Environmental Science & Technology, 2019, 53, 1595-1607.	10.0	15
7	A C=Oâ€â€â€Isothiouronium Interaction Dictates Enantiodiscrimination in Acylative Kinetic Resolutions of Tertiary Heterocyclic Alcohols. Angewandte Chemie - International Edition, 2018, 57, 3200-3206.	13.8	102
8	A C=Oâ€â€â€Isothiouronium Interaction Dictates Enantiodiscrimination in Acylative Kinetic Resolutions of Tertiary Heterocyclic Alcohols. Angewandte Chemie, 2018, 130, 3254-3260.	2.0	43
9	Catalytic Enantioselective [2,3]-Rearrangements of Allylic Ammonium Ylides: A Mechanistic and Computational Study. Journal of the American Chemical Society, 2017, 139, 4366-4375.	13.7	92
10	A Carbene Catalysis Strategy for the Synthesis of Protoilludane Natural Products. Angewandte Chemie, 2017, 129, 9996-9999.	2.0	10
11	A Carbene Catalysis Strategy for the Synthesis of Protoilludane Natural Products. Angewandte Chemie - International Edition, 2017, 56, 9864-9867.	13.8	32
12	A Cooperative Ternary Catalysis System for Asymmetric Lactonizations of Î±-â€Ketoesters. Advanced Synthesis and Catalysis, 2017, 359, 3713-3719.	4.3	15
13	Formation of Aza- <i>ortho</i> -quinone Methides Under Room Temperature Conditions: Cs₂CO₃ Effect. Journal of Organic Chemistry, 2017, 82, 7183-7189.	3.2	25
14	Non-bonding 1,5-Sâ€O interactions govern chemo- and enantioselectivity in isothiourea-catalyzed annulations of benzazoles. Chemical Science, 2016, 7, 6919-6927.	7.4	125
15	Computational Insights into the Central Role of Nonbonding Interactions in Modern Covalent Organocatalysis. Accounts of Chemical Research, 2016, 49, 1279-1291.	15.6	56
16	Catalyst selective and regiodivergent O- to C- or N-carboxyl transfer of pyrazolyl carbonates: synthetic and computational studies. Chemical Science, 2014, 5, 3651.	7.4	27