

Andreas C Bauer

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,886
citations

516710

16
h-index

642732

23
g-index

31
all docs

31
docs citations

31
times ranked

1291
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrocyclic NHC complexes of group 10 elements with enlarged aromaticity for biological studies. Dalton Transactions, 2020, 49, 14106-14114.	3.3	14
2	Photochemically Induced Ring Opening of Spirocyclopropyl Oxindoles: Evidence for a Triplet 1,3-Diradical Intermediate and Deracemization by a Chiral Sensitizer. Angewandte Chemie - International Edition, 2020, 59, 21640-21647.	13.8	53
3	Photochemically Induced Ring Opening of Spirocyclopropyl Oxindoles: Evidence for a Triplet 1,3-Diradical Intermediate and Deracemization by a Chiral Sensitizer. Angewandte Chemie, 2020, 132, 21824-21831.	2.0	10
4	Triplet Energy Transfer from Ruthenium Complexes to Chiral Eniminium Ions: Enantioselective Synthesis of Cyclobutanecarbaldehydes by [2+2] Photocycloaddition. Angewandte Chemie, 2020, 132, 9746-9755.	2.0	13
5	Triplet Energy Transfer from Ruthenium Complexes to Chiral Eniminium Ions: Enantioselective Synthesis of Cyclobutanecarbaldehydes by [2+2] Photocycloaddition. Angewandte Chemie - International Edition, 2020, 59, 9659-9668.	13.8	59
6	4. Templated enantioselective photocatalysis. , 2020, , 73-102.		0
7	A Thioxanthone Sensitizer with a Chiral Phosphoric Acid Binding Site: Properties and Applications in Visible Light-Mediated Cycloadditions. Chemistry - A European Journal, 2020, 26, 5190-5194.	3.3	36
8	Visible light-mediated intermolecular [2 + 2] photocycloaddition of 1-aryl-2-nitroethenes and olefins. Organic and Biomolecular Chemistry, 2019, 17, 7192-7203.	2.8	13
9	Templated enantioselective photocatalysis. Physical Sciences Reviews, 2019, 4, .	0.8	1
10	Enantioselective Visible-Light-Mediated Formation of 3-Cyclopropylquinolones by Triplet-Sensitized Deracemization. Angewandte Chemie, 2019, 131, 3576-3579.	2.0	22
11	Intramolecular [2+2] Photocycloaddition of Cyclic Enones: Selectivity Control by Lewis Acids and Mechanistic Implications. Chemistry - A European Journal, 2019, 25, 8135-8148.	3.3	45
12	Enantioselective Visible-Light-Mediated Formation of 3-Cyclopropylquinolones by Triplet-Sensitized Deracemization. Angewandte Chemie - International Edition, 2019, 58, 3538-3541.	13.8	75
13	Catalytic deracemization of chiral allenes by sensitized excitation with visible light. Nature, 2018, 564, 240-243.	27.8	180
14	Enantioselective Visible-Light-Induced Radical-Addition Reactions to 3-Alkylidene Indolin-2-ones. Chemistry - A European Journal, 2016, 22, 6519-6523.	3.3	58
15	Enantioselective Intermolecular [2 + 2] Photocycloaddition Reactions of 2(1 <i>H</i>)-Quinolones Induced by Visible Light Irradiation. Journal of the American Chemical Society, 2016, 138, 7808-7811.	13.7	221
16	Enantioselective Lewis Acid Catalysis in Intramolecular [2 + 2] Photocycloaddition Reactions: A Mechanistic Comparison between Representative Coumarin and Enone Substrates. Journal of the American Chemical Society, 2015, 137, 5170-5176.	13.7	93
17	Intramolecular [2+2] Photocycloaddition of 3- and 4-(But-3-enyl)oxyquinolones: Influence of the Alkene Substitution Pattern, Photophysical Studies, and Enantioselective Catalysis by a Chiral Sensitizer. Chemistry - A European Journal, 2013, 19, 7461-7472.	3.3	67
18	5 Templated Enantioselective Photocatalysis. , 2013, , 67-90.		4

#	ARTICLE	IF	CITATIONS
19	Chirogenic [3 + 2]-photocycloaddition reactions of 2-substituted naphthoquinones with cyclic alkenes. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1463-1468.	2.9	6
20	Enantioselective radical cyclisation reactions of 4-substituted quinolones mediated by a chiral template. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3516.	2.8	52
21	Enantioselective Intramolecular [2 + 2]-Photocycloaddition Reactions of 4-Substituted Quinolones Catalyzed by a Chiral Sensitizer with a Hydrogen-Bonding Motif. <i>Journal of the American Chemical Society</i> , 2011, 133, 16689-16697.	13.7	201
22	Light-Driven Enantioselective Organocatalysis. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6640-6642.	13.8	179
23	Catalytic enantioselective reactions driven by photoinduced electron transfer. <i>Nature</i> , 2005, 436, 1139-1140.	27.8	418
24	Assignment of the absolute configuration of 7-substituted 3-azabicyclo[3.3.1]nonan-2-ones by NMR-titration experiments. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 3799-3803.	1.8	11