

Eddie L Myers

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,595
citations

257450

24
h-index

377865

34
g-index

41
all docs

41
docs citations

41
times ranked

2506
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoinduced decarboxylative borylation of carboxylic acids. <i>Science</i> , 2017, 357, 283-286.	12.6	523
2	Chalcogenides as Organocatalysts. <i>Chemical Reviews</i> , 2007, 107, 5841-5883.	47.7	420
3	Asymmetric Synthesis of Secondary and Tertiary Boronic Esters. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11700-11733.	13.8	232
4	Visible-Light-Mediated Decarboxylative Radical Additions to Vinyl Boronic Esters: Rapid Access to β -Amino Boronic Esters. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2155-2159.	13.8	112
5	Synergy of synthesis, computation and NMR reveals correct baulamycin structures. <i>Nature</i> , 2017, 547, 436-440.	27.8	104
6	Enantioselective Rhodium(III)-Catalyzed Markovnikov Hydroboration of Unactivated Terminal Alkenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 9148-9151.	13.7	101
7	A Phosphine-Mediated Conversion of Azides into Diazo Compounds. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2359-2363.	13.8	93
8	Reactions of Iminium Ions with Michael Acceptors through a Morita-Baylis-Hillman-Type Reaction: Enantiocontrol and Applications in Synthesis. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1893-1896.	13.8	92
9	Iterative assembly line synthesis of polypropionates with full stereocontrol. <i>Nature Chemistry</i> , 2017, 9, 896-902.	13.6	70
10	Asymmetrische Synthese sekundärer und tertiärer Boronsäureester. <i>Angewandte Chemie</i> , 2017, 129, 11860-11894.	2.0	70
11	Stereodivergent Olefination of Enantioenriched Boronic Esters. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 786-790.	13.8	68
12	Enantiospecific Alkynylation of Alkylboronic Esters. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4270-4274.	13.8	66
13	Selective uni- and bidirectional homologation of diborylmethane. <i>Chemical Science</i> , 2017, 8, 2898-2903.	7.4	64
14	BF ₃ ·OEt ₂ and TMSOTf: A synergistic combination of Lewis acids. <i>Chemical Communications</i> , 2006, , 4434-4436.	4.1	59
15	Regio- and Stereoselective Homologation of 1,2-Bis(Boronic Esters): Stereocontrolled Synthesis of 1,3-Diols and Schöenflies. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14663-14667.	13.8	54
16	Enantiospecific Synthesis of <i>ortho</i> -Substituted Benzylic Boronic Esters by a 1,2-Metalate Rearrangement/1,3-Borotropic Shift Sequence. <i>Journal of the American Chemical Society</i> , 2017, 139, 9519-9522.	13.7	51
17	β -Sulfinyl Benzoates as Precursors to Li and Mg Carbenoids for the Stereoselective Iterative Homologation of Boronic Esters. <i>Journal of the American Chemical Society</i> , 2017, 139, 11877-11886.	13.7	49
18	Visible-Light-Mediated Decarboxylative Radical Additions to Vinyl Boronic Esters: Rapid Access to β -Amino Boronic Esters. <i>Angewandte Chemie</i> , 2018, 130, 2177-2181.	2.0	44

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19	Enantiodivergent Synthesis of Allenes by Point-to-Axial Chirality Transfer. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8203-8208.	13.8	36
20	Enantiospecific Alkynylation of Alkylboronic Esters. <i>Angewandte Chemie</i> , 2016, 128, 4342-4346.	2.0	33
21	Synthesis of 3-Aryl-1-aminopropane Derivatives: Lithiation-Borylation-Ring-Opening of Azetidinium Ions. <i>Synthesis</i> , 2016, 48, 3241-3253.	2.3	31
22	Stereodivergent Olefination of Enantioenriched Boronic Esters. <i>Angewandte Chemie</i> , 2017, 129, 804-808.	2.0	31
23	Ring-Opening Lithiation-Borylation of 2-Trifluoromethyl Oxirane: A Route to Versatile Tertiary Trifluoromethyl Boronic Esters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1187-1191.	13.8	31
24	Odd-even alternations in helical propensity of a homologous series of hydrocarbons. <i>Nature Chemistry</i> , 2020, 12, 475-480.	13.6	30
25	Investigation of the Deprotonative Generation and Borylation of Diamine-Ligated β -Lithiated Carbamates and Benzoates by in Situ IR spectroscopy. <i>Journal of the American Chemical Society</i> , 2018, 140, 14677-14686.	13.7	25
26	A new manifold for the Morita reaction: diene synthesis from simple aldehydes and acrylates/acrylonitrile mediated by phosphines. <i>Chemical Communications</i> , 2007, , 4128.	4.1	24
27	Regio- and Stereoselective Homologation of 1,2-Bis(Boronic Esters): Stereocontrolled Synthesis of 1,3-Diols and Scaffolds. <i>Angewandte Chemie</i> , 2016, 128, 14883-14887.	2.0	20
28	Enantiodivergent Synthesis of Allenes by Point-to-Axial Chirality Transfer. <i>Angewandte Chemie</i> , 2018, 130, 8335-8340.	2.0	13
29	Total Synthesis of the Proposed Structure of Trichodermatide A. <i>Journal of Organic Chemistry</i> , 2014, 79, 9812-9817.	3.2	12
30	Synthesis of novel analogs of aromatic peptide nucleic acids (APNAs) with modified conformational and electrostatic properties. <i>Tetrahedron</i> , 2004, 60, 2235-2246.	1.9	11
31	Catalysis of Hydrogen-Deuterium Exchange Reactions by 4-Substituted Proline Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 1247-1256.	3.2	9
32	Ring-Opening Lithiation-Borylation of 2-Trifluoromethyl Oxirane: A Route to Versatile Tertiary Trifluoromethyl Boronic Esters. <i>Angewandte Chemie</i> , 2020, 132, 1203-1207.	2.0	8
33	Conformationally Controlled Linear and Helical Hydrocarbons Bearing Extended Side Chains. <i>Journal of the American Chemical Society</i> , 2021, 143, 16682-16692.	13.7	7
34	The Story behind α -Synergy of Synthesis, Computation, and NMR Reveals Correct Baulamycin Structures. <i>Biochemistry</i> , 2017, 56, 6177-6178.	2.5	2
35	Bicyclic 5-6 Systems: Other Four Heteroatoms 2:2. , 2021, , 500-500.		0