

Alexander Fawcett

List of Publications by Year in descending order

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11
papers

1,012
citations

1040056

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h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

979
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoinduced decarboxylative borylation of carboxylic acids. <i>Science</i> , 2017, 357, 283-286.	12.6	523
2	Carbopalladation of C=C ĩf-bonds enabled by strained boronate complexes. <i>Nature Chemistry</i> , 2019, 11, 117-122.	13.6	140
3	Strain-Release-Driven Homologation of Boronic Esters: Application to the Modular Synthesis of Azetidines. <i>Journal of the American Chemical Society</i> , 2019, 141, 4573-4578.	13.7	107
4	Difunctionalization of C=C ĩf-Bonds Enabled by the Reaction of Bicyclo[1.1.0]butyl Boronate Complexes with Electrophiles: Reaction Development, Scope, and Stereochemical Origins. <i>Journal of the American Chemical Society</i> , 2020, 142, 16766-16775.	13.7	56
5	Regio- and Stereoselective Homologation of 1,2-Bis(Boronic Esters): Stereocontrolled Synthesis of 1,3-Diols and Schö%725674. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14663-14667.	13.8	54
6	Recent advances in the chemistry of bicyclo- and 1-azabicyclo[1.1.0]butanes. <i>Pure and Applied Chemistry</i> , 2020, 92, 751-765.	1.9	43
7	Site Selective Chlorination of C(sp ³)ĥH Bonds Suitable for Late-Stage Functionalization. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8276-8283.	13.8	28
8	Mechanistic Investigation of the Iron-Catalyzed Azidation of Alkyl C(sp ³)ĥH Bonds with Zhdankin's ĩ ³ -Azidoiodane. <i>Journal of the American Chemical Society</i> , 2021, 143, 16184-16196.	13.7	28
9	Regio- and Stereoselective Homologation of 1,2-Bis(Boronic Esters): Stereocontrolled Synthesis of 1,3-Diols and Schö%725674. <i>Angewandte Chemie</i> , 2016, 128, 14883-14887.	2.0	20
10	Site Selective Chlorination of C(sp ³)ĥH Bonds Suitable for Late-Stage Functionalization. <i>Angewandte Chemie</i> , 2021, 133, 8357-8364.	2.0	9
11	Advances in the catalyst- and reagent-controlled site-divergent intermolecular functionalization of C(sp ³)ĥH bonds. <i>Pure and Applied Chemistry</i> , 2020, 92, 1987-2003.	1.9	4