Dennis G Hall

List of Publications by Year
in descending order

185 papers	11,508 citations	26630 56 h-index	33894 99 g-index
261 all docs	261 docs citations	261 times ranked	8290 citing authors

#	Article	IF	Citations
1	Natural Product Synthesis Using Multicomponent Reaction Strategies. Chemical Reviews, 2009, 109, 4439-4486.	47.7	1,492
2	An Improved Class of Sugar-Binding Boronic Acids, Soluble and Capable of Complexing Glycosides in Neutral Water. Journal of the American Chemical Society, 2006, 128, 4226-4227.	13.7	393
3	Enantioselective preparation and chemoselective cross-coupling of 1,1-diboron compounds. Nature Chemistry, 2011, 3, 894-899.	13.6	385
4	Direct and Wasteâ€Free Amidations and Cycloadditions by Organocatalytic Activation of Carboxylic Acids at Room Temperature. Angewandte Chemie - International Edition, 2008, 47, 2876-2879.	13.8	348
5	Recent Advances in the Activation of Boron and Silicon Reagents for Stereocontrolled Allylation Reactions. Angewandte Chemie - International Edition, 2003, 42, 4732-4739.	13.8	272
6	Benzoboroxoles as Efficient Glycopyranoside-Binding Agents in Physiological Conditions: Structure and Selectivity of Complex Formation. Journal of Organic Chemistry, 2008, 73, 6471-6479.	3.2	214
7	Lewis and BrÃ¸nsted Acid Catalyzed Allylboration of Carbonyl Compounds: From Discovery to Mechanism and Applications. Synlett, 2007, 2007, 1644-1655.	1.8	202
8	Direct Amidation of Carboxylic Acids Catalyzed by ortho-Iodo Arylboronic Acids: Catalyst Optimization, Scope, and Preliminary Mechanistic Study Supporting a Peculiar Halogen Acceleration Effect. Journal of Organic Chemistry, 2012, 77, 8386-8400.	3.2	193
9	Solution- and Solid-Phase Strategies for the Design, Synthesis, and Screening of Libraries Based on Natural Product Templates:Â A Comprehensive Survey. ACS Combinatorial Science, 2001, 3, 125-150.	3.3	182
10	Dramatic Rate Enhancement with Preservation of Stereospecificity in the First Metal-Catalyzed Additions of Allylboronates. Journal of the American Chemical Society, 2002, 124, 11586-11587.	13.7	182
11	Design, Synthesis, and Screening of a Library of Peptidyl Bis(Boroxoles) as Oligosaccharide Receptors in Water: Identification of a Receptor for the Tumor Marker TFâ€Antigen Disaccharide. Angewandte Chemie - International Edition, 2010, 49, 1492-1495.	13.8	173
12	Boronic acid catalysis. Chemical Society Reviews, 2019, 48, 3475-3496.	38.1	170
13	Catalytic Enantioselective Allyl- and Crotylboration of Aldehydes Using Chiral Diolâ€¢SnCl₄ Complexes. Optimization, Substrate Scope and Mechanistic Investigations. Journal of the American Chemical Society, 2008, 130, 8481-8490.	13.7	164
14	Wanted: new multicomponent reactions for generating libraries of polycyclic natural products. Current Opinion in Chemical Biology, 2005, 9, 266-276.	6.1	158
15	Catalytic Enantioselective Preparation of Î±-Substituted Allylboronates: One-Pot Addition to Functionalized Aldehydes and a Route to Chiral Allylic Trifluoroborate Reagents. Angewandte Chemie - International Edition, 2007, 46, 5913-5915.	13.8	155
16	Bioinspired Self-Healing Hydrogel Based on Benzoxaborole-Catechol Dynamic Covalent Chemistry for 3D Cell Encapsulation. ACS Macro Letters, 2018, 7, 904-908.	4.8	149
17	Scandium-Catalyzed Allylboration of Aldehydes as a Practical Method for Highly Diastereo- and Enantioselective Construction of Homoallylic Alcohols. Journal of the American Chemical Society, 2003, 125, 10160-10161.	13.7	136
18	3-Boronoacrolein as an Exceptional Heterodiene in the Highly Enantio- and Diastereoselective Cr(III)-Catalyzed Three-Component [4+2]/Allylboration. Journal of the American Chemical Society, 2003, 125, 9308-9309.	13.7	134

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19	Unsymmetrical Diarylmethanes by Ferroceniumboronic Acid Catalyzed Direct Friedelâ€“Crafts Reactions with Deactivated Benzylic Alcohols: Enhanced Reactivity due to Ion-Pairing Effects. Journal of the American Chemical Society, 2015, 137, 9694-9703.	13.7	126
20	Universal Solid-Phase Approach for the Immobilization, Derivatization, and Resin-to-Resin Transfer Reactions of Boronic Acids. Journal of Organic Chemistry, 2002, 67, 3-15.	3.2	124
21	BrÃ¸nsted Acid-Catalyzed Allylboration:Â Short and Stereodivergent Synthesis of All Four Eupomatilone Diastereomers with Crystallographic Assignments. Journal of the American Chemical Society, 2005, 127, 12808-12809.	13.7	121
22	Lewis Acids Catalyze the Addition of Allylboronates to Aldehydes by Electrophilic Activation of the Dioxaborolane in a Closed Transition Structure. Journal of the American Chemical Society, 2004, 126, 4518-4519.	13.7	117
23	Catalytic Enantioselective and Catalyst-Controlled Diastereofacial-Selective Additions of Allyl- and Crotylboronates to Aldehydes Using Chiral BrÃ¸nsted Acids. Angewandte Chemie - International Edition, 2006, 45, 2426-2428.	13.8	115
24	Temperature, pH, and Glucose Responsive Gels via Simple Mixing of Boroxole- and Glyco-Based Polymers. ACS Macro Letters, 2013, 2, 260-264.	4.8	113
25	Ring Structure and Aromatic Substituent Effects on the pK_aof the Benzoxaborole Pharmacophore. ACS Medicinal Chemistry Letters, 2012, 3, 48-52.	2.8	109
26	Multicomponent Hetero-[4 + 2] Cycloaddition/Allylboration Reaction: From Natural Product Synthesis to Drug Discovery. Accounts of Chemical Research, 2016, 49, 2489-2500.	15.6	105
27	Mild and selective boronic acid catalyzed 1,3-transposition of allylic alcohols and Meyerâ€“Schuster rearrangement of propargylic alcohols. Chemical Science, 2011, 2, 1305.	7.4	100
28	Simple, Stable, and Versatile Double-Allylation Reagents for the Stereoselective Preparation of Skeletally Diverse Compounds. Journal of the American Chemical Society, 2007, 129, 3070-3071.	13.7	96
29	Boronic Acid Catalysis for Mild and Selective [3+2] Dipolar Cycloadditions to Unsaturated Carboxylic Acids. Chemistry - A European Journal, 2010, 16, 5454-5460.	3.3	95
30	Chiral Boronate Derivatives via Catalytic Enantioselective Conjugate Addition of Grignard Reagents on 3-Boronyl Unsaturated Esters and Thioesters. Journal of the American Chemical Society, 2010, 132, 5544-5545.	13.7	93
31	Novel Isomerically Pure Tetrasubstituted Allylboronates:â€‰ Stereocontrolled Synthesis of Î±-Exomethylene Î³-Lactones as Aldol-Like Adducts with a Stereogenic Quaternary Carbon Center. Journal of the American Chemical Society, 2002, 124, 898-899.	13.7	92
32	Lewis Acid Catalyzed Allylboration:Â Discovery, Optimization, and Application to the Formation of Stereogenic Quaternary Carbon Centers. Journal of Organic Chemistry, 2004, 69, 4412-4428.	3.2	92
33	Rationally Improved Chiral BrÃ¸nsted Acid for Catalytic Enantioselective Allylboration of Aldehydes with an Expanded Reagent Scope. Journal of Organic Chemistry, 2009, 74, 4236-4241.	3.2	91
34	Scandium-Catalyzed Allylboration of Aldehydes as a Practical Method for Highly Diastereo- and Enantioselective Construction of Homoallylic Alcohols.. ChemInform, 2003, 34, no.	0.0	90
35	Catalytic Asymmetric Synthesis of a Potent Thiomarinol Antibiotic. Journal of the American Chemical Society, 2005, 127, 1628-1629.	13.7	90
36	Boronic Acid Catalysis as a Mild and Versatile Strategy for Direct Carboâ€•and Heterocyclizations of Free Allylic Alcohols. Angewandte Chemie - International Edition, 2012, 51, 6187-6190.	13.8	88

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37	Scope and Mechanism of a True Organocatalytic Beckmann Rearrangement with a Boronic Acid/Perfluoropinacol System under Ambient Conditions. Journal of the American Chemical Society, 2018, 140, 5264-5271.	13.7	85
38	Boronic Acids as Bioorthogonal Probes for Siteâ€Selective Labeling of Proteins. Angewandte Chemie - International Edition, 2018, 57, 13028-13044.	13.8	85
39	A Three-Component Reaction for Diversity-Oriented Synthesis of Polysubstituted Piperidines: Solution and Solid-Phase Optimization of the First Tandem Aza[4+2]/Allylboration. Chemistry - A European Journal, 2003, 9, 466-474.	3.3	83
40	Î±-Hydroxyalkyl Heterocycles via Chiral Allylic Boronates: Pd-Catalyzed Borylation Leading to a Formal Enantioselective Isomerization of Allylic Ether and Amine. Journal of the American Chemical Society, 2009, 131, 9612-9613.	13.7	82
41	Injectable Self-Healing Zwitterionic Hydrogels Based on Dynamic Benzoxaboroleâ€“Sugar Interactions with Tunable Mechanical Properties. Biomacromolecules, 2018, 19, 596-605.	5.4	81
42	Additions of functionalized Î±-substituted allylboronates to aldehydes under the novel Lewis and BrÃ¸nsted acid catalyzed manifolds. Tetrahedron Letters, 2005, 46, 8981-8985.	1.4	75
43	Catalytic Enantioselective Three-Component Hetero-[4+2] Cycloaddition/Allylboration Approach to Î±-Hydroxyalkyl Pyrans: Scope, Limitations, and Mechanistic Proposal. Chemistry - A European Journal, 2006, 12, 3132-3142.	3.3	75
44	Identification of a Small Molecule Inhibitor of the Human DNA Repair Enzyme Polynucleotide Kinase/Phosphatase. Cancer Research, 2009, 69, 7739-7746.	0.9	73
45	Catalytic Asymmetric Synthesis of Palmerolide A via Organoboron Methodology. Journal of the American Chemical Society, 2009, 131, 14216-14217.	13.7	73
46	Dual Catalysis Using Boronic Acid and Chiral Amine: Acyclic Quaternary Carbons via Enantioselective Alkylation of Branched Aldehydes with Allylic Alcohols. Journal of the American Chemical Society, 2016, 138, 10762-10765.	13.7	70
47	Concise Synthesis and Antimalarial Activity of All Four Mefloquine Stereoisomers Using a Highly Enantioselective Catalytic Borylative Alkene Isomerization. Angewandte Chemie - International Edition, 2013, 52, 8069-8073.	13.8	68
48	Triflic Acid-Catalyzed Additions of 2-Alkoxycarbonyl Allylboronates to Aldehydes. Study of Scope and Mechanistic Investigation of the Reaction Stereochemistry. Journal of Organic Chemistry, 2007, 72, 1276-1284.	3.2	65
49	Reaction Optimization, Scalability, and Mechanistic Insight on the Catalytic Enantioselective Desymmetrization of 1,1â€Diborylalkanes via Suzukiâ€“Miyaura Crossâ€Coupling. Chemistry - A European Journal, 2015, 21, 19186-19194.	3.3	65
50	Structure, Properties, and Preparation of Boronic Acid Derivatives. Overview of Their Reactions and Applications. , 2006, , 1-99.		64
51	In Situ Forming, Dual-Crosslink Network, Self-Healing Hydrogel Enabled by a Bioorthogonal Nopoldiolâ€“Benzoxaborolate Click Reaction with a Wide pH Range. Chemistry of Materials, 2019, 31, 4092-4102.	6.7	64
52	Tandem Aza[4 + 2]/Allylboration:â€‰ A Novel Multicomponent Reaction for the Stereocontrolled Synthesis of Î±-Hydroxyalkyl Piperidine Derivativesâ€. Organic Letters, 2000, 2, 3715-3718.	4.6	63
53	A Surprising Substituent Effect Provides a Superior Boronic Acid Catalyst for Mild and Metalâ€Free Direct Friedelâ€“Crafts Alkylations and Prenylations of Neutral Arenes. Chemistry - A European Journal, 2015, 21, 4218-4223.	3.3	62
54	Fast and Tight Boronate Formation for Click Bioorthogonal Conjugation. Angewandte Chemie - International Edition, 2016, 55, 3909-3913.	13.8	61

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55	N,N-Diethanolaminomethyl Polystyrene: An Efficient Solid Support to Immobilize Boronic Acids. Angewandte Chemie - International Edition, 1999, 38, 3064-3067.	13.8	60
56	Mild Silver(I)-Mediated Regioselective Iodination and Bromination of Arylboronic Acids. Organic Letters, 2010, 12, 2480-2483.	4.6	60
57	Stereoselective rardical-mediated reduction and alkylation of Î±-halo esters. Tetrahedron Letters, 1991, 32, 27-30.	1.4	59
58	Three-Component Sequential Aza[4+2] Cycloaddition/Allylboration/Retro-Sulfinyl-Ene Reaction: A New Stereocontrolled Entry to Palustrine Alkaloids and Other 2,6-Disubstituted Piperidines. Angewandte Chemie - International Edition, 2004, 43, 2001-2004.	13.8	57
59	Preparation of Î±-substituted allylboronates by chemoselective iridium-catalyzed asymmetric allylic alkylation of 1-propenylboronates. Tetrahedron Letters, 2007, 48, 3305-3309.	1.4	55
60	Total Synthesis of (+)-Chinensiolide B via Tandem Allylboration/Lactonization. Journal of the American Chemical Society, 2010, 132, 1488-1489.	13.7	55
61	Diversity-Oriented Synthesis and Preliminary Biological Screening of Highly Substituted Five-Membered Lactones and Lactams Originating From an Allyboration of Aldehydes and Imines. ACS Combinatorial Science, 2009, 11, 155-168.	3.3	54
62	Mild and efficient boronic acid catalysis of Dielsâ€“Alder cycloadditions to 2-alkynoic acids. Tetrahedron Letters, 2010, 51, 3561-3564.	1.4	54
63	A Mild and General Solid-Phase Method for the Synthesis of Chiral Polyamines. Solution Studies on the Cleavage of Boraneâ^'Amine Intermediates from the Reduction of Secondary Amides. Journal of Organic Chemistry, 2001, 66, 874-885.	3.2	53
64	Modular Solid-Phase Synthetic Approach To Optimize Structural and Electronic Properties of Oligoboronic Acid Receptors and Sensors for the Aqueous Recognition of Oligosaccharides. Chemistry - A European Journal, 2004, 10, 92-100.	3.3	53
65	Design of a Nonreductive Method for Chemoselective Cleavage of Hydrazines in the Presence of Unsaturations:Â Application to a Stereoconvergent Three-Component Synthesis of (â^')-Methyl Palustramate. Journal of Organic Chemistry, 2004, 69, 8429-8436.	3.2	51
66	A multigram-scale lower E-factor procedure for MIBA-catalyzed direct amidation and its application to the coupling of alpha and beta aminoacids. Green Chemistry, 2015, 17, 4016-4028.	9.0	51
67	Mild Oxidative Cleavage of Boraneâ^'Amine Adducts from Amide Reductions:Â Efficient Solution- and Solid-Phase Synthesis ofN-Alkylamino Acids and Chiral Oligoamines. Journal of Organic Chemistry, 1999, 64, 698-699.	3.2	49
68	Synthesis of chiral heterocycles by ligand-controlled regiodivergent and enantiospecific Suzuki Miyaura cross-coupling. Nature Communications, 2014, 5, 5474.	12.8	49
69	Highâ€Throughput Ligand Screening Enables the Enantioselective Conjugate Borylation of Cyclobutenones to Access Synthetically Versatile Tertiary Cyclobutylboronates. Angewandte Chemie - International Edition, 2019, 58, 18405-18409.	13.8	47
70	Solid Phase Syntheses of Polyamine Toxins HO-416b and PhTX-433. Use of an Efficient Polyamide Reduction Strategy That Facilitates Access to Branched Analogues. Organic Letters, 2000, 2, 1581-1583.	4.6	46
71	Multistep Phaseâ€Switch Synthesis by Using Liquidâ€“Liquid Partitioning of Boronic Acids: Productive Tags with an Expanded Repertoire of Compatible Reactions. Angewandte Chemie - International Edition, 2010, 49, 2883-2887.	13.8	46
72	Investigation of Nonspecific Effects of Different Dyes in the Screening of Labeled Carbohydrates against Immobilized Proteins. Journal of Organic Chemistry, 2005, 70, 9809-9813.	3.2	45

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73	Diastereocontrolled Monoprotodeboronation of Î²â€Sulfinimido gemâ€Bis(boronates): A General and Stereoselective Route to Î±,Î²â€Disubstituted Î²â€Aminoalkylboronates. Angewandte Chemie - International Edition, 2018, 57, 10304-10308.	13.8	44
74	New preparative methods for allylic boronates and their application in stereoselective catalytic allylborations. Pure and Applied Chemistry, 2008, 80, 913-927.	1.9	42
75	Transannular Diels-Alder/Intramolecular Aldol Tandem Reaction as a Stereocontrolled Route to (+)-Aphidicolin and its Isosteric C8-Epimer1. Journal of Organic Chemistry, 1995, 60, 7796-7814.	3.2	41
76	Catalytic enantioselective transformations of borylated substrates: Preparation and synthetic applications of chiral alkylboronates. Pure and Applied Chemistry, 2012, 84, 2263-2277.	1.9	41
77	Mechanism of Action of an Imidopiperidine Inhibitor of Human Polynucleotide Kinase/Phosphatase. Journal of Biological Chemistry, 2010, 285, 2351-2360.	3.4	40
78	Synergic â€œClickâ€•Boronate/Thiosemicarbazone System for Fast and Irreversible Bioorthogonal Conjugation in Live Cells. Journal of the American Chemical Society, 2017, 139, 14285-14291.	13.7	40
79	A small-molecule compound identified through a cell-based screening inhibits JAK/STAT pathway signaling in human cancer cells. Molecular Cancer Therapeutics, 2008, 7, 2672-2680.	4.1	39
80	Labelâ€free detection of enhanced saccharide binding at pH 7.4 to nanoparticulate benzoboroxole based receptor units. Journal of Molecular Recognition, 2011, 24, 953-959.	2.1	35
81	Multiresponsive and Self-Healing Hydrogel via Formation of Polymerâ€“Nanogel Interfacial Dynamic Benzoxaborole Esters at Physiological pH. ACS Applied Materials & Interfaces, 2019, 11, 44742-44750.	8.0	35
82	Direct Mono-N-methylation of Solid-Supported Amino Acids:â€‰ A Useful Application of the Matteson Rearrangement of Î±-Aminoalkylboronic Esters. Organic Letters, 2001, 3, 1487-1490.	4.6	34
83	Conjugation of Quinones with Natural Polyamines: Toward an Expanded Antitrypanosomatid Profile. Journal of Medicinal Chemistry, 2012, 55, 10490-10500.	6.4	34
84	Mild boronic acid catalyzed Nazarov cyclization of divinyl alcohols in tandem with Dielsâ€“Alder cycloaddition. Tetrahedron Letters, 2013, 54, 91-94.	1.4	34
85	Resin-to-Resin Suzuki Coupling of Solid Supported Arylboronic Acids. ACS Combinatorial Science, 2000, 2, 228-231.	3.3	33
86	Imine allylation using 2-alkoxycarbonyl allylboronates as an expedient three-component reaction to polysubstituted Î±-exo-methylene-Î³-lactams. Tetrahedron Letters, 2008, 49, 6995-6998.	1.4	33
87	Optimization of Reaction and Substrate Activation in the Stereoselective Cross-Coupling of Chiral 3,3-Diboronyl Amides. Journal of Organic Chemistry, 2015, 80, 7134-7143.	3.2	33
88	Molecular imprinting of fructose using a polymerizable benzoboroxole: Effective complexation at pH 7.4. Polymer, 2011, 52, 2485-2491.	3.8	31
89	Stereoselective and Regiodivergent Allylic Suzukiâ€“Miyaura Cross-Coupling of 2-Ethoxydihydropyranyl Boronates: Synthesis and Confirmation of Absolute Stereochemistry of Diospongin B. Organic Letters, 2015, 17, 4156-4159.	4.6	31
90	Effect of Additives on the Stereochemical Integrity and Reactivity of Î±-Alkoxycarbonyl Alkenylcopper Intermediates. Optimal Conditions for the Synthesis of Isomerically Pure Tetrasubstituted Alkenes. Journal of Organic Chemistry, 2003, 68, 6066-6069.	3.2	30

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91	Phase-Switch Synthesis with Boronic Acids as Productive Tags. ACS Combinatorial Science, 2007, 9, 193-196.	3.3	29
92	Stereodivergent Asymmetric Synthesis of Î±,Î²-Disubstituted Î²-Aminoalkylboronic Acid Derivatives via Group-Selective Protodeboronation Enabling Access to the Elusive Anti Isomer. Journal of the American Chemical Society, 2020, 142, 9063-9069.	13.7	29
93	New electronically enriched boronobutadienes for the synthesis of hydroxylated cyclohexenes via tandem [4+2]/allylboration. Tetrahedron Letters, 2003, 44, 2231-2235.	1.4	28
94	Fragmentation Enables Complexity in the First Total Synthesis of Vinigrol. Angewandte Chemie - International Edition, 2010, 49, 2286-2288.	13.8	28
95	Spatiotemporal Control of Synergistic Gel Disintegration Consisting of Boroxole- and Glyco-Based Polymers via Photoinduced Proton Transfer. Journal of Physical Chemistry B, 2015, 119, 2323-2329.	2.6	28
96	Biological and Medicinal Applications of Boronic Acids. , 2006, , 481-512.		26
97	Stereoselective Preparation of Î²-Aryl-Î²-Boronyl Enoates and Their Copper-Catalyzed Enantioselective Conjugate Reduction. Organic Letters, 2012, 14, 4462-4465.	4.6	26
98	Two-component boronic acid catalysis for increased reactivity in challenging Friedelâ€“Crafts alkylations with deactivated benzylic alcohols. Organic and Biomolecular Chemistry, 2019, 17, 6007-6014.	2.8	26
99	Resin-to-resin Petasis borono-Mannich reaction between dialkylamino resins and supported boronic acids. Chemical Communications, 2000, , 2379-2380.	4.1	25
100	Solid-supported ortho-iodoarylboronic acid catalyst for direct amidation of carboxylic acids. Tetrahedron Letters, 2013, 54, 4475-4478.	1.4	25
101	Optimization and multigram scalability of a catalytic enantioselective borylative migration for the synthesis of functionalized chiral piperidines. Organic and Biomolecular Chemistry, 2016, 14, 4739-4748.	2.8	25
102	PRACTICAL PROCEDURE FOR THE PREPARATION OF FUNCTIONALIZED (E)-1-ALKENYLBORONIC ACIDS INCLUDING THE UNPRECEDENTED 1-ALKOXYCARBONYL DERIVATIVES. Organic Preparations and Procedures International, 2004, 36, 573-579.	1.3	24
103	A Pipeline for Screening Small Molecules with Growth Inhibitory Activity against Burkholderia cenocepacia. PLoS ONE, 2015, 10, e0128587.	2.5	24
104	Recent Advances in Copper-Promoted C-Heteroatom Bond Cross-Coupling Reactions with Boronic Acids and Derivatives. , 2006, , 205-240.		23
105	Direct Sulfonamidation of Primary and Secondary Benzylic Alcohols Catalyzed by a Boronic Acid/Oxalic Acid System. European Journal of Organic Chemistry, 2017, 2017, 5729-5738.	2.4	23
106	Catalytic Enantioselective Synthesis of a cis-Î²-Boronyl Cyclobutylcarboxyester Scaffold and Its Highly Diastereoselective Nickel/Photoredox Dual-Catalyzed Csp³â€“Csp² Cross-Coupling to Access Elusive trans-Î²-Aryl/Heteroaryl Cyclobutylcarboxyesters. ACS Catalysis, 2021, 11, 404-413.	11.2	23
107	Optimization of Three- and Four-Component Reactions for Polysubstituted Piperidines:Â Application to the Synthesis and Preliminary Biological Screening of a Prototype Library. ACS Combinatorial Science, 2007, 9, 695-703.	3.3	22
108	Chiral Î±-substituted allylboronates in a one-pot three-component asymmetric allylic alkylation/carbonyl allylation reaction sequence â€" Applications to the syntheses of (+)-(3R,5R)-3-hydroxy-5-decanolide and (â€“)-massoialactone. Canadian Journal of Chemistry, 2009, 87, 650-661.	1.1	22

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109	Characterization of the Dynamic Equilibrium between Closed and Open Forms of the Benzoxaborole Pharmacophore. ACS Medicinal Chemistry Letters, 2016, 7, 1097-1101.	2.8	22
110	Synthesis and Applications of Î²â€Aminoalkylboronic Acid Derivatives. Advanced Synthesis and Catalysis, 2021, 363, 2209-2223.	4.3	22
111	Solid-Phase Synthesis of CleavableN-Arylmaleimides:â€‰ Applications in 1,3-Dipolar Cycloaddition and in Thiol Scavenging. Organic Letters, 2001, 3, 3491-3494.	4.6	20
112	Preparation of chiral secondary boronic esters via copper-catalyzed enantioselective conjugate reduction of Î²-boronyl-Î²-alkyl Î±,Î²-unsaturated esters. Tetrahedron, 2012, 68, 3428-3434.	1.9	20
113	Practical and Efficient Multigram Preparation of a Camphor-Derived Diol for the Enantioselective Lewis Acid Catalyzed Allylboration of Aldehydes. Journal of Organic Chemistry, 2005, 70, 4180-4183.	3.2	19
114	Synthesis and preliminary antibacterial evaluation of simplified thiomarinol analogs. Bioorganic and Medicinal Chemistry, 2009, 17, 1006-1017.	3.0	19
115	Enantioselective Desymmetrization of 2-Aryl-1,3-propanediols by Direct O-Alkylation with a Rationally Designed Chiral Hemiboronic Acid Catalyst That Mitigates Substrate Conformational Poisoning. Journal of the American Chemical Society, 2021, 143, 4162-4167.	13.7	19
116	Design of chiral boronate-substituted acrylanilides.. Journal of Organometallic Chemistry, 2003, 680, 263-270.	1.8	18
117	Recent Advances in the Preparation of Allylboronates and Their Use in Tandem Reactions with Carbonyl Compounds. , 2006, , 241-277.		17
118	Synthetic studies toward the pyran core and the amide side chain of psymberin. Tetrahedron Letters, 2008, 49, 6061-6064.	1.4	17
119	Fast and Tight Boronate Formation for Click Bioorthogonal Conjugation. Angewandte Chemie, 2016, 128, 3977-3981.	2.0	17
120	Synthesis, Decoding, and Preliminary Screening of a Bead-Supported Split-Pool Library of Triboronic Acid Receptors for Complex Oligosaccharides. Australian Journal of Chemistry, 2007, 60, 824.	0.9	16
121	Gold-catalyzed cycloisomerization reactions of boronated enynes. Tetrahedron Letters, 2011, 52, 321-324.	1.4	16
122	Synthetic Studies Towards the Core Tricyclic Ring System of Pradimicin A. European Journal of Organic Chemistry, 2012, 2012, 4153-4163.	2.4	16
123	At the Forefront of the Suzukiâ€“Miyaura Reaction: Advances in Stereoselective Cross-Couplings. Topics in Organometallic Chemistry, 2015, , 221-242.	0.7	16
124	Zirconium-catalyzed Nagata reaction for the synthesis of 2-aryl-1,3,2-aryldioxaborins via a mild three-component condensation of phenols, aldehydes, and boronic acid. Tetrahedron Letters, 2010, 51, 4256-4259.	1.4	15
125	BoronsÃ¤uren als bioorthogonale Sonden fÃ¼r zentrenselektives Proteinâ€Labeling. Angewandte Chemie, 2018, 130, 13210-13228.	2.0	15
126	Highâ€Throughput Ligand Screening Enables the Enantioselective Conjugate Borylation of Cyclobutenones to Access Synthetically Versatile Tertiary Cyclobutylboronates. Angewandte Chemie, 2019, 131, 18576-18580.	2.0	15

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127	Lewis or BrÃ¸nsted? A Rectification of the Acidic and Aromatic Nature of Boranol-Containing Naphthoid Heterocycles. Journal of the American Chemical Society, 2021, 143, 10143-10156.	13.7	15
128	Boronic Acid-Based Receptors and Sensors for Saccharides. , 2006, , 441-479.		14
129	(Î±-Haloalkyl)boronic Esters in Asymmetric Synthesis. , 2006, , 305-342.		14
130	Nanoencapsulation of Novel Inhibitors of PNKP for Selective Sensitization to Ionizing Radiation and Irinotecan and Induction of Synthetic Lethality. Molecular Pharmaceutics, 2018, 15, 2316-2326.	4.6	14
131	Multicomponent Reactions in the Total Synthesis of Natural Products. , 2005, , 342-397.		13
132	Catalytic enantioselective allylboration of propargylic aldehydes. Tetrahedron, 2014, 70, 678-683.	1.9	13
133	On the mechanism of the Diels-Alder reaction of enal dienophiles. Competitive reactivity and ab initio calculations using a transannular probe. Tetrahedron, 1998, 54, 12279-12288.	1.9	11
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