

Michael Bolte

List of Publications by Year in descending order

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196
papers

6,016
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50276

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102487

66
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204
all docs

204
docs citations

204
times ranked

3765
citing authors

#	ARTICLE	IF	CITATIONS
1	9,10-Dihydro-9,10-diboraanthracene: Supramolecular Structure and Use as a Building Block for Luminescent Conjugated Polymers. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4584-4588.	13.8	193
2	Boron-Containing Polycyclic Aromatic Hydrocarbons: Facile Synthesis of Stable, Redox-Active Luminophores. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8800-8804.	13.8	146
3	C-Functionalized, Air- and Water-Stable 9,10-Dihydro-9,10-diboraanthracenes: Efficient Blue to Red Emitting Luminophores. <i>Journal of the American Chemical Society</i> , 2013, 135, 12892-12907.	13.7	141
4	C ₅ H ₄ BR ₂ Bending in Ferrocenylboranes: A Delocalized Through-Space Interaction Between Iron and Boron. <i>Chemistry - A European Journal</i> , 2005, 11, 584-603.	3.3	131
5	Main-Chain Boron-Containing Oligophenylenes via Ring-Opening Polymerization of 9-H-9-Borafluorene. <i>Journal of the American Chemical Society</i> , 2011, 133, 4596-4609.	13.7	127
6	Efficient Macrocyclization of U-Turn Preorganized Peptidomimetics: The Role of Intramolecular H-Bond and Solvophobic Effects. <i>Journal of the American Chemical Society</i> , 2003, 125, 6677-6686.	13.7	104
7	Confirmed by X-ray Crystallography: The B...B One-Electron ĩ-Bond. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4832-4835.	13.8	103
8	Facile Route to Quadruply Annulated Borepins. <i>Journal of the American Chemical Society</i> , 2017, 139, 2842-2851.	13.7	99
9	A boron-doped helicene as a highly soluble, benchtop-stable green emitter. <i>Chemical Communications</i> , 2015, 51, 15808-15810.	4.1	98
10	Supramolecular Control for the Modular Synthesis of Pseudopeptidic Macrocycles through an Anion-Templated Reaction. <i>Journal of the American Chemical Society</i> , 2008, 130, 6137-6144.	13.7	93
11	A Preorganized Ditopic Borane as Highly Efficient One- or Two-Electron Trap. <i>Journal of the American Chemical Society</i> , 2015, 137, 3705-3714.	13.7	90
12	Visible-light mediated 3-component synthesis of sulfonylated coumarins from sulfur dioxide. <i>Green Chemistry</i> , 2018, 20, 3059-3070.	9.0	89
13	Lewis-base adducts of 9,10-dihydro-9,10-diboraanthracene: ditopic hydroboration reagents and a N analogue of triptycene. <i>Chemical Communications</i> , 2010, 46, 3592.	4.1	85
14	Forming B-B Bonds by the Controlled Reduction of a Tetraaryl-diborane(6). <i>Journal of the American Chemical Society</i> , 2016, 138, 6224-6233.	13.7	85
15	Reversible Dihydrogen Activation by Reduced Aryl Boranes as Main-Group Ambiphiles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14067-14071.	13.8	85
16	A Vicinal Electrophilic Diborylation Reaction Furnishes Doubly Boron-Doped Polycyclic Aromatic Hydrocarbons. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5588-5592.	13.8	83
17	Copper-Catalyzed Remote C-H Functionalization of Anilines with Sodium and Lithium Sulfinates. <i>Chemistry - A European Journal</i> , 2017, 23, 96-100.	3.3	82
18	A Joint Experimental and Theoretical Study of Cation-ĩ Interactions: A Multiple-Decker Sandwich Complexes of Ferrocene with Alkali Metal Ions (Li+, Na+, K+, Rb+, Cs+). <i>Journal of the American Chemical Society</i> , 2005, 127, 10656-10666.	13.7	81

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19	Ferrocenylhydridoborates: Synthesis, Structural Characterization, and Application to the Preparation of Ferrocenylborane Polymers. <i>Journal of the American Chemical Society</i> , 2009, 131, 16319-16329.	13.7	80
20	One-Step Synthesis of a [20]Silafullerane with an Endohedral Chloride Ion. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5429-5433.	13.8	79
21	Dilithio 9,10-Diborataanthracene: Molecular Structure and 1,4-Addition Reactions. <i>Organometallics</i> , 2010, 29, 5762-5765.	2.3	77
22	Confirmation of an Early Postulate: B π -C π -B Two-Electron-Three-Center Bonding in Organo(hydro)boranes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12514-12518.	13.8	74
23	Boron-Doped Tri(9,10-anthrylene)s: Synthesis, Structural Characterization, and Optoelectronic Properties. <i>Chemistry - A European Journal</i> , 2012, 18, 15394-15405.	3.3	74
24	Unsymmetrically Substituted 9,10-Dihydro-9,10-diboraanthracenes as Versatile Building Blocks for Boron-Doped π -Conjugated Systems. <i>Chemistry - A European Journal</i> , 2011, 17, 12696-12705.	3.3	72
25	Chloride-Induced Aufbau of Perchlorinated Cyclohexasilanes from Si ₂ Cl ₆ : A Mechanistic Scenario. <i>Chemistry - A European Journal</i> , 2014, 20, 9234-9239.	3.3	69
26	Thiolate <i>versus</i> Selenolate: Structure, Stability, and Charge Transfer Properties. <i>ACS Nano</i> , 2015, 9, 4508-4526.	14.6	69
27	Introducing Perylene as a New Member to the Azaborine Family. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11379-11384.	13.8	68
28	9-H-9-Borafluorene dimethyl sulfide adduct: a product of a unique ring-contraction reaction and a useful hydroboration reagent. <i>Chemical Communications</i> , 2011, 47, 11339.	4.1	63
29	BNB-Doped Phenalenyls: Modular Synthesis, Optoelectronic Properties, and One-Electron Reduction. <i>Journal of the American Chemical Society</i> , 2020, 142, 11072-11083.	13.7	63
30	The Perchlorinated Silanes Si ₂ Cl ₆ and Si ₃ Cl ₈ as Sources of SiCl ₂ . <i>Chemistry - A European Journal</i> , 2011, 17, 4715-4719.	3.3	62
31	Effects of boron doping on the structural and optoelectronic properties of 9,10-diarylanthracenes. <i>Dalton Transactions</i> , 2013, 42, 13826.	3.3	60
32	Transition metal complexes with pyrazole derivatives as ligands. <i>Inorganica Chimica Acta</i> , 2006, 359, 1559-1572.	2.4	54
33	A redox-active diborane platform performs C(sp ³)-H activation and nucleophilic substitution reactions. <i>Chemical Science</i> , 2018, 9, 3881-3891.	7.4	54
34	9-Ferrocenyl-9-borafluorene—A Redox-Switchable Main Group Lewis Acid. <i>Organometallics</i> , 2008, 27, 6215-6221.	2.3	53
35	Synthesis and Structural Characterization of New Zinc Amidinate Complexes. <i>Organometallics</i> , 2010, 29, 6097-6103.	2.3	53
36	Solvent-free mesityllithium: solid-state structure and its reactivity towards white phosphorus. <i>Dalton Transactions</i> , 2010, 39, 7528.	3.3	51

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37	Structurally disfavoured pseudopeptidic macrocycles through anion templation. <i>Chemical Communications</i> , 2011, 47, 283-285.	4.1	51
38	General and Efficient Organocatalytic Synthesis of Indoloquinolizidines, Pyridoquinazolines and Quinazolinones through a One-Pot Domino Michael Addition-Cyclization-Pictet-Spengler or 1,2-Amine Addition Reaction. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2853-2859.	4.3	51
39	Extensive Structural Rearrangements upon Reduction of 9 <i>H</i> -Borfluorene. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10408-10411.	13.8	51
40	En Route to Stimuli-Responsive Boron-, Nitrogen-, and Sulfur-Doped Polycyclic Aromatic Hydrocarbons. <i>Chemistry - A European Journal</i> , 2016, 22, 13181-13188.	3.3	51
41	Selective CO ₂ Splitting by Doubly Reduced Aryl Boranes to Give CO and [CO ₃] ²⁻ . <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16491-16495.	13.8	51
42	Synthesis, Coupling, and Condensation Reactions of 1,2-Diborylated Benzenes: An Experimental and Quantum-Chemical Study. <i>Chemistry - A European Journal</i> , 2012, 18, 11284-11295.	3.3	50
43	Intra- and intermolecular hydrogen bonding and conformation in 1-acyl thioureas: An experimental and theoretical approach on 1-(2-chlorobenzoyl)thiourea. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 143, 59-66.	3.9	50
44	Selective access to either a doubly boron-doped tetrabenzopentacene or an oxadiborepin from the same precursor. <i>Chemical Science</i> , 2019, 10, 9017-9027.	7.4	50
45	Unexpected Disproportionation of Tetramethylethylenediamine-Supported Perchlorodisilane Cl ₃ SiCl ₃ . <i>Inorganic Chemistry</i> , 2012, 51, 8599-8606.	4.0	47
46	How Boron Doping Shapes the Optoelectronic Properties of Canonical and Phenylene-Containing Oligoacenes: A Combined Experimental and Theoretical Investigation. <i>Chemistry - A European Journal</i> , 2017, 23, 5104-5116.	3.3	47
47	pH-Dependent Chloride Transport by Pseudopeptidic Cages for the Selective Killing of Cancer Cells in Acidic Microenvironments. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12465-12468.	13.8	47
48	Dual Role of Doubly Reduced Arylboranes as Dihydrogen- and Hydride-Transfer Catalysts. <i>Journal of the American Chemical Society</i> , 2019, 141, 6082-6091.	13.7	47
49	Electronic interactions in oligoferrocenes with cationic, neutral and anionic four-coordinate boron bridges. <i>Dalton Transactions</i> , 2005, , 159.	3.3	46
50	Steric Shielding vs Structural Constraint in a Boron-Containing Polycyclic Aromatic Hydrocarbon. <i>Organometallics</i> , 2017, 36, 2512-2519.	2.3	43
51	Doubly boron-doped pentacenes as emitters for OLEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10881-10887.	5.5	42
52	High-Temperature Reactivity of the Strongly Electrophilic Pristine 9 <i>H</i> -9-Borfluorene. <i>Organometallics</i> , 2013, 32, 6827-6833.	2.3	41
53	Deprotonation of a Seemingly Hydrinic Diborane(6) To Build a B-B Bond. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7546-7550.	13.8	41
54	Reversible Dihydrogen Activation by Reduced Aryl Boranes as Main-Group Ambiphiles. <i>Angewandte Chemie</i> , 2016, 128, 14273-14277.	2.0	40

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55	A Vicinal Electrophilic Diborylation Reaction Furnishes Doubly Boron-Doped Polycyclic Aromatic Hydrocarbons. <i>Angewandte Chemie</i> , 2017, 129, 5680-5684.	2.0	38
56	Ferrocene-based Schiff bases copper (II) complexes: Synthesis, characterization, biological and electrochemical analysis. <i>Inorganica Chimica Acta</i> , 2017, 463, 102-111.	2.4	38
57	Understanding the Properties of Tailor-Made Self-Assembled Monolayers with Embedded Dipole Moments for Interface Engineering. <i>Journal of Physical Chemistry C</i> , 2018, 122, 28757-28774.	3.1	38
58	Solid-state and Solution Studies on a η^2 -Diketiminato Zinc Hydride Complex. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009, 64, 1397-1400.	0.7	37
59	Synthesis, characterization, biological and electrochemical evaluation of novel ether based ON donor bidentate Schiff bases. <i>Journal of Molecular Structure</i> , 2016, 1116, 84-92.	3.6	36
60	The 9-oxo-9H-fluorene Dianion: A Surrogate for Elusive Diarylboryl Anion Nucleophiles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5621-5625.	13.8	36
61	Improved Synthesis of 1,2-Bis(trimethylsilyl)benzenes using Rieke-Magnesium or the Entrainment Method. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3443-3449.	4.3	34
62	Rigid, Fluoroarene-Containing Phosphonium Borates and Boranes: Syntheses and Reactivity Studies. <i>Organometallics</i> , 2010, 29, 6012-6019.	2.3	34
63	Tuning Chloride Binding, Encapsulation, and Transport by Peripheral Substitution of Pseudopeptidic Tripodal Small Cages. <i>Chemistry - A European Journal</i> , 2012, 18, 16728-16741.	3.3	32
64	C-Halogenated 9,10-Diboraanthracenes: How the Halogen Load and Distribution Influences Key Optoelectronic Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 16910-16918.	3.3	32
65	Molecular Optical Switches: Synthesis, Structure, and Photoluminescence of Spirosila Compounds. <i>Chemistry - A European Journal</i> , 2007, 13, 7204-7214.	3.3	31
66	Synthesis of Bromo-, Boryl-, and Stannyl-Functionalized 1,2-Bis(trimethylsilyl)benzenes via Diels-Alder or C-H Activation Reactions. <i>Journal of Organic Chemistry</i> , 2012, 77, 3518-3523.	3.2	31
67	Synthesis of Wiberg's Tetrasilatetrahedrane (C_3Si_4) by a One-Pot Procedure. <i>Organometallics</i> , 2009, 28, 6835-6837.	2.3	30
68	Introducing Perylene as a New Member to the Azaborine Family. <i>Angewandte Chemie</i> , 2019, 131, 11501-11506.	2.0	30
69	Aryl Insertion vs Aryl-Aryl Coupling in C,C-Chelated Organoborates: The "Missing Link" of Tetraarylborate Photochemistry. <i>Organic Letters</i> , 2018, 20, 3966-3970.	4.6	29
70	10,9-Oxaboraphenanthrenes as luminescent fluorophores. <i>Tetrahedron</i> , 2016, 72, 1477-1484.	1.9	28
71	Synthesis, biological and electrochemical evaluation of novel nitroaromatics as potential anticancerous drugs. <i>Bioelectrochemistry</i> , 2015, 104, 85-92.	4.6	26
72	Lewis Acidity of $\text{Si}_6\text{Cl}_{12}$ and Its Role as Convenient SiCl_2 Source. <i>Inorganic Chemistry</i> , 2015, 54, 9611-9618.	4.0	26

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73	One tool to bring them all: Au-catalyzed synthesis of B,O- and B,N-doped PAHs from boronic and borinic acids. <i>Chemical Science</i> , 2021, 12, 5898-5909.	7.4	26
74	Synthesis of β -Hydroxy- α -amino Acid Derivatives by Enzymatic Tandem Aldol Addition-Transamination Reactions. <i>ACS Catalysis</i> , 2021, 11, 4660-4669.	11.2	25
75	High-Yield Syntheses and Reactivity Studies of 1,2-Diborylated and 1,2,4,5-Tetraborylated Benzenes. <i>Organometallics</i> , 2014, 33, 1291-1299.	2.3	24
76	Origin of Stereoselectivity in FLP-Catalyzed Asymmetric Hydrogenation of Imines. <i>ACS Catalysis</i> , 2020, 10, 14290-14301.	11.2	24
77	Two-Coordinate Gallium Ion [tBu ₃ Si-Ga-SitBu ₃] ⁺ and the Halonium Ions [tBu ₃ Si-X-SitBu ₃] ⁺ (X = Br, I): Sources of the Supersilyl Cation [tBu ₃ Si] ⁺ . <i>Organometallics</i> , 2012, 31, 7298-7301.	2.3	23
78	Exhaustively Trichlorosilylated C ₁ and C ₂ Building Blocks: Beyond the M ⁴ ller-Rochow Direct Process. <i>Journal of the American Chemical Society</i> , 2018, 140, 9696-9708.	13.7	23
79	Chalcogen-chalcogen-bond activation by an ambiphilic, doubly reduced organoborane. <i>Tetrahedron</i> , 2019, 75, 26-30.	1.9	23
80	Solvent-induced 1,3-N,S- vs. 1,5-S,S ² -coordination in the Nill complex [Ni{p-Me ₂ NC ₆ H ₄ NHC(S)NP(S)(OiPr) ₂ }] ₂ . <i>CrystEngComm</i> , 2011, 13, 5321.	2.6	22
81	Tight and Selective Caging of Chloride Ions by a Pseudopeptidic Host. <i>Chemistry - A European Journal</i> , 2014, 20, 7458-7464.	3.3	22
82	Deprotonation of a Seemingly Hydridic Diborane(6) To Build a B-B Bond. <i>Angewandte Chemie</i> , 2017, 129, 7654-7658.	2.0	22
83	Trapping Experiments on a Trichlorosilanide Anion: a Key Intermediate of Halogenosilane Chemistry. <i>Inorganic Chemistry</i> , 2017, 56, 8683-8688.	4.0	22
84	B-B Bond Nucleophilicity in a Tetraaryl Hydridodiborane(4) Anion. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7726-7731.	13.8	22
85	Heteroleptic Amidinate Complexes of Heavy Group 15 Elements - Synthesis, X-ray Crystal Structures and Theoretical Calculations. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2247-2253.	2.0	21
86	Influence of the Bridging Elements on the Optical Properties of Linked 9,10-Dihydro-9,10-diboraanthracenes. <i>Organometallics</i> , 2012, 31, 8420-8425.	2.3	21
87	Cyclic Phosphonium Bis(fluoroaryl)boranes - Trends in Lewis Acidities and Application in Diels-Alder Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 112-120.	2.0	21
88	A Chemiluminescent Tetraaryl Diborane(4) Tetraanion. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19397-19405.	13.8	21
89	Synthesis and characterisation of the complete series of N analogues of triptycene. <i>Dalton Transactions</i> , 2014, 43, 8241-8253.	3.3	20
90	NVP-BHG712: Effects of Regioisomers on the Affinity and Selectivity toward the EPHrin Family. <i>ChemMedChem</i> , 2018, 13, 1629-1633.	3.2	20

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91	Tris(trichlorosilyl)tetrelide Anions and a Comparative Study of Their Donor Qualities. Chemistry - A European Journal, 2019, 25, 2740-2744.	3.3	20
92	[Cl@Si₂₀H₂₀]⁺: Parent Siladodecahedrane with Endohedral Chloride Ion. Journal of the American Chemical Society, 2021, 143, 10865-10871.	13.7	20
93	A free boratriptycene-type Lewis superacid. Chemical Science, 2022, 13, 1608-1617.	7.4	20
94	Catch“Release System for Dosing and Recycling Silver(I) Catalyst with Status of Catalytic Activity Reported by Fluorescence. Journal of the American Chemical Society, 2019, 141, 5139-5143.	13.7	19
95	The 9 H –Borofluorene Dianion: A Surrogate for Elusive Diarylboryl Anion Nucleophiles. Angewandte Chemie, 2020, 132, 5670-5674.	2.0	19
96	Modular Two-Step Approach for the Stereodivergent Synthesis of 1,3-Diamines with Three Continuous Stereocenters. Organic Letters, 2017, 19, 674-677.	4.6	18
97	Selective CO₂ Splitting by Doubly Reduced Aryl Boranes to Give CO and [CO₃]²⁻. Angewandte Chemie, 2018, 130, 16729-16733.	2.0	18
98	Experimental Assessment of the Relative Affinities of Benzene and Ferrocene toward the Li+ Cation. Organometallics, 2007, 26, 1771-1776.	2.3	17
99	Crucial Influence of the Intramolecular Hydrogen Bond on the Coordination Mode of RC(S)NHP(S)(OiPr)2 in Homoleptic Complexes with NiII. European Journal of Inorganic Chemistry, 2013, 2013, 545-555.	2.0	17
100	Phase–Controlled Deposition of Copper Sulfide Thin Films by Using Single–Molecular Precursors. European Journal of Inorganic Chemistry, 2014, 2014, 533-538.	2.0	17
101	The Ion-Like Supersilylium Compound tBu3Si-F-Al[OC(CF3)3]3. European Journal of Inorganic Chemistry, 2015, 2015, 2524-2527.	2.0	17
102	Simultaneous expansion of 9,10 boron-doped anthracene in longitudinal and lateral directions. Dalton Transactions, 2019, 48, 1871-1877.	3.3	16
103	Aryl–aryl coupling in a polycyclic aromatic hydrocarbon with embedded tetracoordinate boron centre. Organic and Biomolecular Chemistry, 2019, 17, 5060-5065.	2.8	16
104	Optimal Destabilization of DNA Double Strands by Single–Nucleobase Caging. Chemistry - A European Journal, 2018, 24, 17568-17576.	3.3	15
105	Chemoenzymatic Hydroxymethylation of Carboxylic Acids by Tandem Stereodivergent Biocatalytic Aldol Reaction and Chemical Decarboxylation. ACS Catalysis, 2019, 9, 7568-7577.	11.2	15
106	Remote Control of the Synthesis of a [2]Rotaxane and its Shuttling via Metal–Ion Translocation. ChemistryOpen, 2019, 8, 1355-1360.	1.9	15
107	Self-Assembled Monolayers with Distributed Dipole Moments Originating from Bipyrimidine Units. Journal of Physical Chemistry C, 2020, 124, 504-519.	3.1	15
108	Asymmetric Br–sted Acid-catalyzed Intramolecular aza-Michael Reaction – Enantioselective Synthesis of Dihydroquinolinones. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2012, 67, 1021-1029.	0.7	14

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109	An intermolecular pyrene excimer in the pyrene-labeled N-thiophosphorylated thiourea and its nickel($\text{Ni}(\text{DTPM})_2$) complex. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 1419-1431.	6.0	14
110	Stereoselective One-Pot Synthesis of Dihydropyrimido[2,1- <i>a</i>]isoindole-6(2 <i>H</i>)-ones. <i>Organic Letters</i> , 2018, 20, 178-181.	4.6	14
111	$\text{Bi}(\text{OTf})_3$ -Catalyzed Diastereoselective One-Pot Synthesis of 1,3-Diamines with Three Continuous Stereogenic Centers. <i>Journal of Organic Chemistry</i> , 2018, 83, 12007-12022.	3.2	14
112	Selective One-Pot Syntheses of Mixed Silicon-Germanium Heteroadamantane Clusters. <i>Chemistry - A European Journal</i> , 2021, 27, 14401-14404.	3.3	14
113	P^{B} Adducts of 3,4-Dimethyl-1-phosphaferrocene with Bromoboranes. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2049-2053.	2.0	13
114	Synthesis, structure, and photoluminescence of organosilicon based compounds containing stilbene, butadiene or styrene subunits. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 908-916.	1.8	13
115	Synthesis and Structural Characterization of the Diborylated Organometallics 1,3-Bis(dibromoboryl)-1,2,3,4,5-(pentamethyl)ferrocene and 1,3-Bis(dibromoboryl)cymantrene. <i>Organometallics</i> , 2008, 27, 764-768.	2.3	13
116	Synthesis, Structure, Photoluminescence and Photoreactivity of 2,3-Diphenyl-4-neopentyl-1-silacyclobut-2-enes. <i>Chemistry - A European Journal</i> , 2009, 15, 8625-8645.	3.3	13
117	An Enamide-Based Domino Reaction for a Highly Stereoselective Synthesis of Tetrahydropyrans. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13056-13059.	13.8	13
118	B^{H} vs. B^{H} Bond Activation in a $(\text{H})_4\text{Hydrido}$ diborane(4) Anion upon Cycloaddition with CO_2 , Isocyanates, or Carbodiimides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13500-13506.	13.8	13
119	Crystallographic and Dynamic Aspects of Solid-State NMR Calibration Compounds: Towards ab Initio NMR Crystallography. <i>ChemPhysChem</i> , 2016, 17, 2496-2502.	2.1	12
120	How C^{H} Extension or Structural Bending Alters the Properties of Boron-Doped Phenylene-Containing Oligoacenes. <i>Organometallics</i> , 2019, 38, 2818-2823.	2.3	12
121	B^{B} Bond Nucleophilicity in a Tetraaryl $(\text{H})_4\text{Hydridodiborane}(4)$ Anion. <i>Angewandte Chemie</i> , 2020, 132, 7800-7805.	2.0	12
122	Two azo pigments based on β -naphthol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, o474-o477.	0.4	11
123	Light Regulation of DNA Minicircle Dimerization by Utilizing Azobenzene C^{H} -Nucleosides. <i>Chemistry - A European Journal</i> , 2018, 24, 3425-3428.	3.3	11
124	Halide-Ion Diadducts of Perhalogenated Cyclopentane and Cyclohexasilanes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 956-962.	1.2	11
125	pH-Dependent Chloride Transport by Pseudopeptidic Cages for the Selective Killing of Cancer Cells in Acidic Microenvironments. <i>Angewandte Chemie</i> , 2019, 131, 12595-12598.	2.0	11
126	Pseudopeptidic macrocycles as cooperative minimalistic synzyme systems for the remarkable activation and conversion of CO_2 in the presence of the chloride anion. <i>Green Chemistry</i> , 2020, 22, 4697-4705.	9.0	11

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127	Influence of CH ₂ Cl ₂ for the structure stabilization of the Ni ^{II} complex [Ni{6-MeO(O)CC ₆ H ₄ NHC(S)NP(S)(OiPr) ₂ -1,5-S ₂ } ₂] ₂ ·CH ₂ Cl ₂ . <i>CrystEngComm</i> , 2012, 14, 370-373.	2.6	10
128	Electron Transfer Dynamics and Structural Effects in Benzonitrile Monolayers with Tuned Dipole Moments by Differently Positioned Fluorine Atoms. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 39859-39869.	8.0	10
129	Biocatalytic Construction of Quaternary Centers by Aldol Addition of 3,3-Disubstituted 2-Oxoacid Derivatives to Aldehydes. <i>Journal of the American Chemical Society</i> , 2020, 142, 19754-19762.	13.7	10
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