

Suning Wang

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Impact of Donor-Acceptor Geometry and Metal Chelation on Photophysical Properties and Applications of Triarylboranes. <i>Accounts of Chemical Research</i> , 2009, 42, 1584-1596.	15.6	561
2	Luminescence and electroluminescence of Al(III), B(III), Be(II) and Zn(II) complexes with nitrogen donors. <i>Coordination Chemistry Reviews</i> , 2001, 215, 79-98.	18.8	447
3	Synthesis, Structure, and Electroluminescence of BR2q (R = Et, Ph, 2-Naphthyl and q =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 26 6.7 385	6.7	385
4	Boron-based stimuli responsive materials. <i>Chemical Society Reviews</i> , 2019, 48, 3537-3549.	38.1	349
5	Charge-Transfer Emission in Nonplanar Three-Coordinate Organoboron Compounds for Fluorescent Sensing of Fluoride. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5475-5478.	13.8	314
6	Four-Coordinate Organoboron Compounds with a π -Conjugated Chelate Ligand for Optoelectronic Applications. <i>Inorganic Chemistry</i> , 2011, 50, 12263-12274.	4.0	248
7	Highly Efficient Blue Phosphorescence from Triarylboron-Functionalized Platinum(II) Complexes of π -Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2012, 134, 13930-13933.	13.7	232
8	A Blue Luminescent Star-Shaped ZnII Complex that Can Detect Benzene This work was supported by the Natural Sciences and Engineering Research Council of Canada and the Xerox Research Foundation.. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4042.	13.8	217
9	Phosphorescent Cu(I) Complexes of 2-(2-pyridylbenzimidazolyl)benzene: Impact of Phosphine Ancillary Ligands on Electronic and Photophysical Properties of the Cu(I) Complexes. <i>Inorganic Chemistry</i> , 2006, 45, 147-155.	4.0	212
10	Syntheses, Structures, and Electroluminescence of New Blue/Green Luminescent Chelate Compounds: $Zn(2-py-in)_2(THF)$, $BPh_2(2-py-in)$, $Be(2-py-in)_2$, and $BPh_2(2-py-aza)$ [2-py-in = 2-(2-pyridyl)indole; 2-py-aza = 2-(2-pyridyl)-7-azaindole]. <i>Journal of the American Chemical Society</i> , 2000, 122, 3671-3678.	13.7	203
11	Reversible Intramolecular C-C Bond Formation/Breaking and Color Switching Mediated by a N,C-Chelate in $(2-ph-py)BMes_2$ and $(5-BMes_2-2-ph-py)BMes_2$. <i>Journal of the American Chemical Society</i> , 2008, 130, 12898-12900.	13.7	198
12	$Mes_2B(p-4,4'-biphenyl-NPh(1-naphthyl))$: A Multifunctional Molecule for Electroluminescent Devices. <i>Chemistry of Materials</i> , 2005, 17, 164-170.	6.7	195
13	Three-Coordinate Organoboron Compounds BAR_2R (Ar= Mesityl, R= 7-Azaindoly- or) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 26 Supramolecular Assembly. <i>Chemistry - A European Journal</i> , 2004, 10, 994-1006. 3.3 191	3.3	191
14	Boron: Its Role in Energy-Related Processes and Applications. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8800-8816.	13.8	186
15	Anion Dependent Structures of Luminescent Silver(I) Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 1112-1120.	4.0	182
16	Photochromic four-coordinate N,C-chelate boron compounds. <i>Coordination Chemistry Reviews</i> , 2012, 256, 759-770.	18.8	175
17	Metal-containing triarylboron compounds for optoelectronic applications. <i>Dalton Transactions</i> , 2011, 40, 7805.	3.3	173
18	Enhancing Electron Accepting Ability of Triarylboron via π -Conjugation with 2,2'-Bipy and Metal Chelation: 5,5'-Bis(BMes ₂)-2,2'-bipy and Its Metal Complexes. <i>Journal of the American Chemical Society</i> , 2007, 129, 7510-7511.	13.7	168

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19	Syntheses, structures, and electroluminescence of new blue luminescent star-shaped compounds based on 1,3,5-triazine and 1,3,5-trisubstituted benzene. <i>Journal of Materials Chemistry</i> , 2002, 12, 206-212.	6.7	164
20	Syntheses, Structures, and Fluxionality of Blue Luminescent Zinc(II) Complexes: $Zn(2,2',2''\text{-tpa})Cl_2$, $Zn(2,2',2''\text{-tpa})_2(O_2CCF_3)_2$, and $Zn(2,2',3''\text{-tpa})_4(O_2CCF_3)_2$ (tpa = Tripyridylamine). <i>Inorganic Chemistry</i> , 2000, 39, 2397-2404.	13.8	154
21	Luminescent 2D Macrocyclic Networks Based on Starburst Molecules: $[Ag(CF_3SO_3)]_{1.5}(tdapb)$ and $[Ag(NO_3)]_3(tdapb)$. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2933-2936.	13.8	154
22	Highly Efficient Dual-Color Electrochemiluminescence from BODIPY-Capped PbS Nanocrystals. <i>Journal of the American Chemical Society</i> , 2015, 137, 11266-11269.	13.7	153
23	Boron-Doped Molecules for Optoelectronics. <i>Trends in Chemistry</i> , 2019, 1, 77-89.	8.5	152
24	Recent Progress in External-Field-Stimulus-Responsive 2D Covalent Organic Frameworks. <i>Advanced Materials</i> , 2022, 34, e2101175.	21.0	148
25	New Phosphorescent Polynuclear Cu(I) Compounds Based on Linear and Star-Shaped 2-(2'-Pyridyl)benzimidazolyl Derivatives: Syntheses, Structures, Luminescence, and Electroluminescence. <i>Inorganic Chemistry</i> , 2005, 44, 5706-5712.	4.0	140
26	Enhancing Phosphorescence and Electrophosphorescence Efficiency of Cyclometalated Pt(II) Compounds with Triarylboron. <i>Advanced Functional Materials</i> , 2010, 20, 3426-3439.	14.9	138
27	Bright, Multi-Responsive, Sky-Blue Platinum(II) Phosphors Based on a Tetradentate Chelating Framework. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9160-9164.	13.8	138
28	Charge-Transfer Emission Involving Three-Coordinate Organoboron: V-Shape versus U-Shape and Impact of the Spacer on Dual Emission and Fluorescent Sensing. <i>Chemistry - A European Journal</i> , 2007, 13, 5713-5723.	3.3	137
29	Luminescent extended one-dimensional heterobimetallic chain compounds with relativistic metal-metal bonds. Synthesis, crystal structures, and spectroscopic studies of $AuI(MTP)_2$ and		

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37	Isomerism and Blue Electroluminescence of a Novel Organoboron Compound: BIII(O)(7-azain)2Ph2. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 985-988.	13.8	101
38	A simple multi-responsive system based on aldehyde functionalized amino-boranes. <i>Chemical Science</i> , 2018, 9, 1902-1911.	7.4	99
39	Blue Luminescent Rigid Molecular Rods Bearing N-7-Azaindolyl and 2,2'-Dipyridylamino and Their Zn(II) and Ag(I) Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 2789-2797.	4.0	98
40	Blue Luminescent 2-(2'-Pyridyl)benzimidazole Derivative Ligands and Their Orange Luminescent Mononuclear and Polynuclear Organoplatinum(II) Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 1332-1343.	4.0	98
41	Syntheses and Structures of New Luminescent Cyclometalated Palladium(II) and Platinum(II) Complexes: $M(Bab)Cl$, $M(Br^{\wedge}Bab)Cl$ ($M = Pd(II), Pt(II)$), and $Pd3Cl4(Tab)2$ ($Bab = 1,3$ -bis(7-azaindolyl)phenyl, $Tab = 1,3$ -bis(7-azaindolyl)phenyl), <i>Inorganic Chemistry</i> , 2003, 42, 4683-4689.	2.3	97
42	Diaryl amino functionalized pyrene derivatives for use in blue OLEDs and complex formation. <i>Journal of Materials Chemistry</i> , 2004, 14, 3344.	6.7	95
43	Stepwise Intramolecular Photoisomerization of NHC-Chelate Dimesitylboron Compounds with C=C Bond Formation and C-H Bond Insertion. <i>Journal of the American Chemical Society</i> , 2012, 134, 11026-11034.	13.7	95
44	Fusion of Multi-Resonance Fragment with Conventional Polycyclic Aromatic Hydrocarbon for Nearly BT.2020 Green Emission. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	95
45	Probing the Structural Origins of Vapochromism of a Triarylboron-Functionalized Platinum(II) Acetylide by Optical and Multinuclear Solid-State NMR Spectroscopy. <i>Inorganic Chemistry</i> , 2011, 50, 3447-3457.	4.0	94
46	Formation of Azaborines by Photoelimination of B,N-Heterocyclic Compounds. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4544-4548.	13.8	94
47	Toward constructing nanoscale hydroxo-lanthanide clusters: syntheses and characterizations of novel tetradecanuclear hydroxo-lanthanide clusters. <i>Chemical Communications</i> , 2002, , 368-369.	4.1	93
48	Blue Luminescent Three-Coordinate Organoboron Compounds with a 2,2'-Dipyridylamino Functional Group. <i>Journal of Organic Chemistry</i> , 2003, 68, 701-705.	3.2	93
49	Intramolecular Borylation via Sequential B-Mes Bond Cleavage for the Divergent Synthesis of B,N-Doped Benzo[4]helicenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3156-3160.	13.8	90
50	Switchable Ambient-Temperature Singlet-Triplet Dual Emission in Nonconjugated Donor-Acceptor Triarylboron-Pt(II) Complexes. <i>Chemistry - A European Journal</i> , 2009, 15, 6131-6137.	3.3	89
51	Blue-Luminescent/Electroluminescent Zn(II) Compounds of 7-Azaindole and N-(2-Pyridyl)-7-azaindole: $Zn(7\text{-azaindole})_2(\text{CH}_3\text{COO})_2$, $Zn(\text{NPA})(\text{CH}_3\text{COO})_2$, and $Zn(\text{NPA})((S)\text{-}(+)\text{-CH}_3\text{CH}_2\text{CH}(\text{CH}_3)\text{COO})_2$ ($\text{NPA} =$ Tj ETQq1 d 0.784814 rgBT	0.784814	87.4
52	Planar Chiral Organoboranes with Thermo-responsive Emission and Circularly Polarized Luminescence: Integration of Pillar[5]arenes with Boron Chemistry. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11267-11272.	13.8	86
53	Enhancing the Photochemical Stability of N-C-Chelate Boryl Compounds: C=C Bond Formation versus C-C Bond cis,trans-Isomerization. <i>Journal of the American Chemical Society</i> , 2009, 131, 14549-14559.	13.7	85
54	Tuning the Luminescence and Electroluminescence of Diphenylboron Complexes of 5-Substituted 2-(2'-Pyridyl)indoles. <i>Organometallics</i> , 2002, 21, 4743-4749.	2.3	84

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55	Isomeric Bright Sky-Blue TADF Emitters Based on Bisacridine Decorated DBNA: Impact of Donor Locations on Luminescent and Electroluminescent Properties. <i>Advanced Optical Materials</i> , 2019, 7, 1900130.	7.3	82
56	Diboron and Triboron Compounds Based on Linear and Star-Shaped Conjugated Ligands with 8-Hydroxyquinolate Functionality: Impact of Intermolecular Interaction and Boron Coordination on Luminescence. <i>Journal of Organic Chemistry</i> , 2006, 71, 6485-6496.	3.2	81
57	Photo- and Thermal-Induced Multistructural Transformation of 2-Phenylazolyl Chelate Boron Compounds. <i>Journal of the American Chemical Society</i> , 2013, 135, 3407-3410.	13.7	81
58	Tetraacetylene Dianion (Tae) As a Bridging Ligand for Molecular Square Complexes: $\text{Coll}_4(\text{Tae})_4(\text{Dpa})_4$, Dpa = Di-2-pyridylamine, a Chiral Molecular Square in the Solid State. <i>Journal of the American Chemical Society</i> , 1998, 120, 9398-9399.	13.7	78
59	Syntheses, Structures, Solution, and Solid-State ^{27}Al NMR Studies of Blue Luminescent Mononuclear Aluminum Complexes: $\text{Al}(\text{7-azain})_2(\text{7-azain-H})(\text{CH}_3)$, $\text{Al}(\text{7-azain})_3(\text{7-azain-H})$, and $\text{Al}(\text{7-azain})(\text{7-azain-H})(\text{OCH}(\text{CF}_3)_2)_2$ (7-azain-H = 7-azaindole). <i>Journal of the American Chemical Society</i> , 2000, 122, 2541-2547.	13.7	78
60	Luminescent Star-Shaped Zinc(II) and Platinum(II) Complexes Based on Star-Shaped 2,2'-Dipyridylamino-Derived Ligands. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 1390-1399.	2.0	77
61	Luminescence and reactivity of 7-azaindole derivatives and complexes. <i>Chemical Society Reviews</i> , 2010, 39, 3142.	38.1	74
62	Highly efficient orange electrophosphorescence from a trifunctional organoboron-Pt(II) complex. <i>Chemical Communications</i> , 2011, 47, 755-757.	4.1	73
63	Bright Blue and White Electrophosphorescent Triarylborane-Functionalized $\text{C}^{\wedge}\text{N}$ -Chelate Pt(II) Compounds: Impact of Intramolecular Hydrogen Bonds and Ancillary Ligands. <i>Advanced Functional Materials</i> , 2014, 24, 1911-1927.	14.9	73
64	Reversible Photochemical and Thermal Isomerization of Azaboratabisnorcaradiene to Azaborabenzotropilidene. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9086-9089.	13.8	73
65	Novel Oxo-Bridged Blue Luminescent Organoaluminum Complexes: $\text{Al}_4(\text{CH}_3)_6(\text{O})_2(\text{dpa})_2$ and $\text{Al}_3(\text{7-azain})_4(\text{OCH}(\text{CF}_3)_2)_2(\text{CH}_3)(\text{O})$ (dpa = Deprotonated Di-2-pyridylamine, 7-azain = Deprotonated 7-azaindole). <i>Journal of the American Chemical Society</i> , 2014, 136, 10784-10791.	10.78	71
66	A Blue Luminescent Starburst Molecule and Its Orange Luminescent Trinuclear PdII Complex: 1,3,5-tris(7-azaindol-1-yl)benzene (tabH) and $[\text{PdII}_3(\text{tab})_2\text{Cl}_4]$. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3933-3935.	13.8	72
67	Tuning and Switching MLCT Phosphorescence of $[\text{Ru}(\text{bpy})_3]^{2+}$ Complexes with Triarylboranes and Anions. <i>Inorganic Chemistry</i> , 2011, 50, 3373-3378.	4.0	72
68	Substituent Directed Phototransformations of BN-Heterocycles: Elimination vs Isomerization via Selective $\text{B}-\text{C}$ Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2016, 138, 11513-11516.	13.7	72
69	Doping Polycyclic Arenes with Nitrogen-Boron-Nitrogen (NBN) Units. <i>Organic Letters</i> , 2018, 20, 6741-6745.	4.6	72
70	Blue-Green BMe ₂ -Functionalized Pt(II) Complexes for High Efficiency PhOLEDs: Impact of the BMe ₂ Location on Emission Color. <i>Chemistry - A European Journal</i> , 2012, 18, 11306-11316.	3.3	71
71	Regioselective Photoisomerization/ $\text{C}-\text{C}$ Bond Formation of Asymmetric B(ppy)(Mes)(Ar): The Role of the Aryl Groups on Boron. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6093-6097.	13.8	71
72	Switchable Three-State Fluorescence of a Nonconjugated Donor-Acceptor Triarylborane. <i>Organic Letters</i> , 2011, 13, 300-303.	4.6	70

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73	Multicolor Emission from Nonconjugated Polymers Based on a Single Switchable Boron Chromophore. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3082-3086.	13.8	67
74	Impact of Constitutional Isomers of (BMes) ₂ phenylpyridine on Structure, Stability, Phosphorescence, and Lewis Acidity of Mononuclear and Dinuclear Pt(II) Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 7698-7713.	4.0	66
75	Recent advances on electrochemical methods in fabricating two-dimensional organica€ligand€containing frameworks. <i>SmartMat</i> , 2021, 2, 299-325.	10.7	66
76	Binuclear and Starburst Organoplatinum(II) Complexes of 2,2-Dipyridylamino Derivative Ligands: Structures, Fluxionality, and Luminescence. <i>Organometallics</i> , 2003, 22, 3781-3791.	2.3	65
77	Impact of the Linker on the Electronic and Luminescent Properties of Diboryl Compounds: Molecules with Two BMes ₂ Groups and the Peculiar Behavior of 1,6-(BMes) ₂ pyrene. <i>Organometallics</i> , 2008, 27, 6446-6456.	2.3	65
78	Extending ĩ€-Conjugation of Triarylborons with a 2,2-Bpy Core: Impact of Donor-Acceptor Geometry on Luminescence, Anion Sensing, and Metal Ion Binding. <i>Inorganic Chemistry</i> , 2010, 49, 4394-4404.	4.0	64
79	Spiro-BODIPYs with a Diaryl Chelate: Impact on Aggregation and Luminescence. <i>Journal of Organic Chemistry</i> , 2017, 82, 13481-13487.	3.2	64
80	Photoluminescence, Electroluminescence, and Complex Formation of Novel N-7-Azaindoyl- and 2,2-Dipyridylamino-Functionalized Siloles. <i>Chemistry of Materials</i> , 2004, 16, 1869-1877.	6.7	61
81	Switching of a Single Boryl Center in ĩ€-Conjugated Photochromic Polyboryl Compounds and Its Impact on Fluorescence Quenching. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8224-8227.	13.8	61
82	Synthesis and structural characterization of the gold complex, [n-Bu ₄ N] ₂ [Au ₂ (i-MNT) ₂] (i-MNT =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 [n-Bu ₄ N] ₂ [Au ₂ (i-MNT) ₂ Br ₂], and [n-Bu ₄ N][Au(i-MNT) ₂]. Spectral studies of the disproportionation of [n-Bu ₄ N] ₂ [Au ₂ (i-MNT) ₂ X ₂] (X = Cl, Br, I) into [n-Bu ₄ N][AuX ₂] and [n-Bu ₄ N][Au(i-MNT) ₂]. <i>Inorganic Chemistry</i> , 1989, 28, 3579-3588.	4.0	58
83	Organoboron-Based Photochromic Copolymers for Erasable Writing and Patterning. <i>Macromolecules</i> , 2017, 50, 4629-4638.	4.8	58
84	Blue phosphorescent Zn(ii) and orange phosphorescent Pt(ii) complexes of 4,4-diphenyl-6,6-dimethyl-2,2-bipyrimidine. <i>Dalton Transactions</i> , 2004, , 2073-2079.	3.3	57
85	Highly Efficient DeepBlue Electrophosphorescent Pt(II) Compounds with NonDistorted Flat Geometry: Tetradentate versus Macrocyclic Chelate Ligands. <i>Advanced Functional Materials</i> , 2017, 27, 1604318.	14.9	57
86	Homonuclear and heteronuclear metal complexes with a cyclic tetracopper(II) unit. Syntheses, crystal structures, and magnetic properties of [Cu ₄ (dmap) ₃ (OH)(O ₂ CCH ₃) ₂ (HO ₂ CCH ₃)(H ₂ O)][PF ₆] ₂ , [Cu ₄ (dmap) ₂ (O ₂ CCH ₃) ₄][PF ₆] ₂ , [Cu ₄ (dmap) ₂ (O ₂ CCH ₃) ₂ (OH) ₂][HgII(O ₂ CCH ₃)Cl ₂] ₂ [HgII(Cl) ₂], and [Cu ₄ (dmap) ₂ (O ₂ CCH ₃) ₃ (OH) ₂ (H ₂ O)][PF ₆] (dmap = 1,3-bis(dimethylamino)-2-propanolato). <i>Inorganic Chemistry</i> , 1992, 31, 2118-2127.	4.0	56
87	Copper(I) Complexes Bearing 1,2-Phenyl-Bridged P ³⁺ N, P ³⁺ N ³⁺ P, and N ³⁺ P ³⁺ N Chelate Ligands: Structures and Phosphorescence. <i>Inorganic Chemistry</i> , 2017, 56, 1616-1625.	4.0	56
88	New redorange phosphorescent/electroluminescent cycloplatinated complexes of 2,6-bis(2-indoyl)pyridine. <i>Dalton Transactions RSC</i> , 2002, , 3234.	2.3	55
89	Blue Luminescent Organoaluminum Compounds: Al ₂ (CH ₃) ₄ (7-azain) ₂ , Al ₂ (CH ₃) ₂ (7-azain) ₄ ,		

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91	Cleavage of Unstrained C-C Bonds in Acenes by Boron and Light: Transformation of Naphthalene into Benzoborepin. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1073-1077.	13.8	54
92	Blue Luminescent Organoaluminum Compounds: Al(CH ₃) ₂ (dpa), Al ₂ (CH ₃) ₅ (dpa) ₂ , Al ₄ (O) ₂ (CH ₃) ₆ (dpa) ₂ , and Al(pfap) ₃ , dpa = Deprotonated Di-2-pyridylamine, pfap = Deprotonated 2-Pentafluoroanilinopyridine. <i>Organometallics</i> , 1998, 17, 5334-5341.	2.3	53
93	B ₃ O ₃ Ph ₃ (7-azaindole): Structure, Luminescence, and Fluxionality. <i>Organometallics</i> , 1999, 18, 2553-2556.	2.3	53
94	Pyridyl Directed Catalyst-Free <i>trans</i> -Hydroboration of Internal Alkynes. <i>Organic Letters</i> , 2016, 18, 720-723.	4.6	53
95	Novel Phosphorescent Cyclometalated Organotin(IV) and Organolead(IV) Complexes of 2,6-Bis(2-indolyl)pyridine and 2,6-Bis[2-(7-azaindolyl)]pyridine. <i>Organometallics</i> , 2003, 22, 4070-4078.	2.3	52
96	Reversible 1,1-Hydroboration: Boryl Insertion into a C-N Bond and Competitive Elimination of HBR ₂ or R ₂ H. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5498-5501.	13.8	52
97	Efficient electrochemiluminescence of a boron-dipyrromethene (BODIPY) dye. <i>Chemical Communications</i> , 2015, 51, 1081-1084.	4.1	52
98	2,3,4,5-Tetrafunctionalized Siloles: Syntheses, Structures, Luminescence, and Electroluminescence. <i>Organometallics</i> , 2004, 23, 6205-6213.	2.3	51
99	Design strategies for improving the crystallinity of covalent organic frameworks and conjugated polymers: a review. <i>Materials Horizons</i> , 2022, 9, 121-146.	12.2	51
100	Highly Efficient and Robust Blue Phosphorescent Pt(II) Compounds with a Phenyl-1,2,3-triazolyl and a Pyridyl-1,2,4-triazolyl Chelate Core. <i>Advanced Functional Materials</i> , 2014, 24, 7257-7271.	14.9	49
101	<i>trans</i> -Aminoboration across Internal Alkynes Catalyzed by B(C ₆ F ₅) ₃ for the Synthesis of Borylated Indoles. <i>Organic Letters</i> , 2017, 19, 1462-1465.	4.6	48
102	Synthesis of Pyrrole via a Silver-Catalyzed 1,3-Dipolar Cycloaddition/Oxidative Dehydrogenative Aromatization Tandem Reaction. <i>Journal of Organic Chemistry</i> , 2017, 82, 4194-4202.	3.2	47
103	Phosphorescent Pt(II) Emitters for OLEDs: From Triarylboron-Functionalized Bidentate Complexes to Compounds with Macrocyclic Chelating Ligands. <i>Chemical Record</i> , 2019, 19, 1693-1709.	5.8	47
104	Organobismuth(III) and Organobismuth(V) Complexes Containing Pyridyl and Amino Functional Groups. Syntheses and Characterizations of BiIII(Ar) ₃ (Ar = p-C ₆ H ₄ (NMe ₂), p-C ₆ H ₄ CH ₂ (NPr ₂)). <i>Journal of Organometallic Chemistry</i> , 2010, 879, 10-16.	2.3	46
105	Single Boryl Isomerization in Silyl-Bridged Photochromic Diboryl Dyes. <i>Organic Letters</i> , 2010, 12, 5266-5269.	4.6	46
106	Photoisomerization of 1-Phenyl-2-(pyridin-2-yl)indole BMe ₂ : The Dark Isomer. <i>Organometallics</i> , 2011, 30, 665-668.	2.3	46
107	Synthesis of Pyrrolo[2,1,5- <i>cd</i>]indolizines through Dehydrogenative Heck Annelation of Indolizines with Diaryl Acetylenes Using Dioxxygen as an Oxidant. <i>Organic Letters</i> , 2015, 17, 1114-1117.	4.6	45
108	Blue phosphorescent N-heterocyclic carbene chelated Pt(II) complexes with an <i>trans</i> -duryl-1,2-diketonato ancillary ligand. <i>Dalton Transactions</i> , 2015, 44, 8433-8443.	3.3	45

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109	Bor in energiebezogenen Prozessen und Anwendungen. <i>Angewandte Chemie</i> , 2020, 132, 8882-8900.	2.0	45
110	Interaction of 2-(2-pyridyl)benzimidazolyl derivative ligands with group 12 metal ions: coordination, structures and luminescence. <i>Dalton Transactions</i> , 2006, , 5675-5682.	3.3	44
111	Donor-Appended N,C-Chelate Organoboron Compounds: Influence of Donor Strength on Photochromic Behaviour. <i>Chemistry - A European Journal</i> , 2016, 22, 12464-12472.	3.3	44
112	Stimuli-Responsive B/N Lewis Pairs Based on the Modulation of B-N Bond Strength. <i>Organic Letters</i> , 2018, 20, 6467-6470.	4.6	44
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