

Suning Wang

List of Publications by Year in descending order

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12330

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287
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287
times ranked

9145
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Recent Progress in Externalâ€Stimulusâ€Responsive 2D Covalent Organic Frameworks. <i>Advanced Materials</i> , 2022, 34, e2101175.	21.0	148
3	Densityâ€Dependent Emission Colors from a Conformationâ€Switching Chromophore in Polyurethanes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	9
4	Multi-resonant thermally activated delayed fluorescence emitters based on tetracoordinate boron-containing PAHs: colour tuning based on the nature of chelates. <i>Chemical Science</i> , 2022, 13, 1665-1674.	7.4	30
5	Nitrogenâ€Embedded Multiâ€Resonance Heteroaromatics with Prolonged Homogeneous Hexatomic Rings. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	40
6	Effect of Intercritical Annealing Parameters and Starting Microstructure on the Microstructural Evolution and Mechanical Properties of a Medium-Mn Third Generation Advanced High Strength Steel. <i>Metals</i> , 2022, 12, 356.	2.3	10
7	Fusion of Multiâ€Resonance Fragment with Conventional Polycyclic Aromatic Hydrocarbon for Nearly BT.2020 Green Emission. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	95
8	Fusion of Multiâ€Resonance Fragment with Conventional Polycyclic Aromatic Hydrocarbon for Nearly BT.2020 Green Emission. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	19
9	Highly efficient and stable deep-blue OLEDs based on narrowband emitters featuring an orthogonal spiro-configured indolo[3,2,1- <i>i>de</i>]acridine structure. <i>Chemical Science</i>, 2022, 13, 5622-5630.</i>	7.4	39
10	Amineâ€Directed Formation of Bâ~N Bonds for BNâ€Fused Polycyclic Aromatic Multiple Resonance Emitters with Narrowband Emission. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	29
11	Sequential and Diverse Synthesis of BN-Heterocycles and Investigation of Their Photoreactivity. <i>Journal of Organic Chemistry</i> , 2021, 86, 829-836.	3.2	5
12	Formation of an air-stable diborane via a stepwise BH ₃ addition of pyrido[1,2- <i>a</i>]isoindole with H ₂ evolution. <i>Chemical Communications</i> , 2021, 57, 9882-9885.	4.1	1
13	Highly Emissive 9â€Borafluorene Derivatives: Synthesis, Photophysical Properties and Device Fabrication. <i>Chemistry - A European Journal</i> , 2021, 27, 6274-6282.	3.3	13
14	Recent advances on electrochemical methods in fabricating twoâ€dimensional organicaâ€ligandaâ€containing frameworks. <i>SmartMat</i> , 2021, 2, 299-325.	10.7	66
15	Outside Front Cover: Volume 2 Issue 3. <i>SmartMat</i> , 2021, 2, i.	10.7	0
16	Mechanical properties of phase-pure bulk Ta ₄ AlC ₃ prepared by spark plasma sintering and subsequent heat treatment. <i>Processing and Application of Ceramics</i> , 2021, 15, 211-218.	0.8	5
17	Millisecond Time-scale Photoluminescence of Bâ€N-doped Tetrathienonaphthalene with Borane/Amine Substituents. <i>Inorganic Chemistry</i> , 2021, 60, 1099-1106.	4.0	9
18	Boron: Its Role in Energyâ€Related Processes and Applications. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8800-8816.	13.8	186

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19	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
20	Divergente Synthese von B,N-Benzo[4]helicenen durch intramolekulare Borylierung unter sequenzieller B ⁺ Mes-Bindungsspaltung. <i>Angewandte Chemie</i> , 2020, 132, 3181-3185.	2.0	30
21	Bor in energiebezogenen Prozessen und Anwendungen. <i>Angewandte Chemie</i> , 2020, 132, 8882-8900.	2.0	45
22	Structural Dynamics and Stereoselectivity of Chiral Benzylideneamine N,C-Chelate Borane Photo-Thermal Isomerization. <i>Chemistry - A European Journal</i> , 2020, 26, 2276-2284.	3.3	4
23	Triarylboron/Triarylamine-Functionalized 2,2'-Bipyridine Ligands and Their Copper(I) Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 7426-7434.	4.0	11
24	Planar Chiral Organoboranes with Thermoresponsive 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
25	Planar Chiral Organoboranes with Thermoresponsive Emission and Circularly Polarized Luminescence: Integration of Pillar[5]arenes with Boron Chemistry. <i>Angewandte Chemie</i> , 2020, 132, 11363-11368.	2.0	25
26	Multistep Photoisomerization of Dimesitylboron-Functionalized Stilbene Analogues. <i>Organic Letters</i> , 2020, 22, 3258-3262.	4.6	3
27	Triazole functionalized 5,9-dioxo-13-boranaphtho[3,2,1-de]anthracene: a new family of multi-stimuli responsive materials. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7749-7754.	5.5	11
28	Divergent and Multi-Stage Photoisomerization of Four-Coordinated Boron Compounds with a Naphthyl-Pyridyl/Thiazolyl Backbone. <i>Chemistry - A European Journal</i> , 2020, 26, 12403-12410.	3.3	14
29	Optimizing Microstructure and Property by Ausforming in a Medium-carbon Bainitic Steel. <i>ISIJ International</i> , 2020, 60, 2007-2014.	1.4	11
30	Evaluating the Effect of the Competition between NbC Precipitation and Grain Size Evolution on the Hot Ductility of Nb Containing Steels. <i>Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan</i> , 2020, 106, 429-437.	0.4	0
31	Study of processing, microstructure and mechanical properties of hot rolled ultra-high strength steel. <i>Ironmaking and Steelmaking</i> , 2019, 46, 535-541.	2.1	9
32	Synthesis, structure and density functional theory calculations of a novel photoluminescent trisarylborane-bismuth(III) complex. <i>Luminescence</i> , 2019, 34, 731-738.	2.9	1
33	Dearomatizing and Derivatizing a Mesityl Group on Boron by One-Pot Photoisomerization and [4+2] Diels-Alder Addition. <i>Chemistry - A European Journal</i> , 2019, 25, 14694-14700.	3.3	2
34	The opposite and amplifying effect of B ⁺ N coordination on photophysical properties of regioisomers with an unsymmetrical backbone. <i>Chemical Science</i> , 2019, 10, 1724-1734.	7.4	22
35	Internal O Bond-Facilitated Photoisomerization of Boranes: Ring Expansion Versus Oxyborane Elimination/Intramolecular Diels-Alder Addition. <i>Organic Letters</i> , 2019, 21, 5285-5289.	4.6	7
36	Push-pull isomers of indolizino[6,5,4,3-phenanthridine decorated with a triarylboron moiety. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6470-6477.	2.8	3

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37	Boron-based stimuli responsive materials. <i>Chemical Society Reviews</i> , 2019, 48, 3537-3549.	38.1	349
38	Diazocine Derivatives: A Family of Azobenzenes for Photochromism with Highly Enhanced Turn-On Fluorescence. <i>Organic Letters</i> , 2019, 21, 4025-4029.	4.6	37
39	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
40	Reversible Photoisomerization from Borepin to Boratanorcaradiene and Double Aryl Migration from Boron to Carbon. <i>Angewandte Chemie</i> , 2019, 131, 6755-6759.	2.0	13
41	Reversible Photoisomerization from Borepin to Boratanorcaradiene and Double Aryl Migration from Boron to Carbon. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6683-6687.	13.8	38
42	Boron-Doped Molecules for Optoelectronics. <i>Trends in Chemistry</i> , 2019, 1, 77-89.	8.5	152
43	D ⁺ -Triarylboration as Reversible Fluorescent Probes for CO ₂ and Temperature. <i>Organic Letters</i> , 2019, 21, 2838-2842.	4.6	36
44	Multiresponsive Tetradentate Phosphorescent Metal Complexes as Highly Sensitive and Robust Luminescent Oxygen Sensors: Pd(II) Versus Pt(II) and 1,2,3-Triazolyl Versus 1,2,4-Triazolyl. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 12666-12674.	8.0	26
45	BN-Functionalized Benzotrithiophene-Based Azaborines: Synthesis, Structures, and Anion Binding Properties. <i>Inorganic Chemistry</i> , 2019, 58, 3591-3595.	4.0	18
46	Photoisomerization of Pt(II) Complexes Containing Two Different Photochromic Chromophores: Boron Chromophore versus Dithienylethene Chromophore. <i>Chemistry - A European Journal</i> , 2019, 25, 5757-5767.	3.3	7
47	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
48	Multicolor Emission from Nonconjugated Polymers Based on a Single Switchable Boron Chromophore. <i>Angewandte Chemie</i> , 2019, 131, 3114-3118.	2.0	43
49	Phosphorescent Pt(II) Emitters for OLEDs: From Triarylboration-Functionalized Bidentate Complexes to Compounds with Macrocyclic Chelating Ligands. <i>Chemical Record</i> , 2019, 19, 1693-1709.	5.8	47
50	Evaluating the Effect of the Competition between NbC Precipitation and Grain Size Evolution on the Hot Ductility of Nb Containing Steels. <i>ISIJ International</i> , 2019, 59, 1064-1071.	1.4	10
51	Cascade Dehydrogenative Hydroboration for the Synthesis of Azaborabenzofulvenes. <i>Organic Letters</i> , 2018, 20, 1617-1620.	4.6	11
52	Photochemical Generation of Chiral N,B-Heterocycles by Heteroaromatic C-X Bond Scission (X=S, O) and Boron Insertion. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9634-9639.	13.8	33
53	Cleavage of Unstrained C-C Bonds in Acenes by Boron and Light: Transformation of Naphthalene into Benzoborepin. <i>Angewandte Chemie</i> , 2018, 130, 1085-1089.	2.0	19
54	A simple multi-responsive system based on aldehyde functionalized amino-boranes. <i>Chemical Science</i> , 2018, 9, 1902-1911.	7.4	99

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55	Photochemical Generation of Chiral N,B,X-Heterocycles by Heteroaromatic C [∞] X Bond Scission (X=S, O) and Boron Insertion. <i>Angewandte Chemie</i> , 2018, 130, 9782-9787.	2.0	7
56	Stabilising fleeting intermediates of stilbene photocyclization with amino-borane functionalisation: the rare isolation of persistent dihydrophenanthrenes and their [1,5] H-shift isomers. <i>Chemical Science</i> , 2018, 9, 3844-3855.	7.4	32
57	Electrogenerated chemiluminescence from the monomer of a tetradentate chelate Pt(II) compound. <i>Electrochimica Acta</i> , 2018, 271, 448-453.	5.2	5
58	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
59	Experimental Evidence for a Triplet Biradical Excited-State Mechanism in the Photoreactivity of N,C-Chelate Organoboron Compounds. <i>Journal of Physical Chemistry A</i> , 2018, 122, 9267-9274.	2.5	14
60	Impact of Ferrocene Substitution on the Electronic Properties of BODIPY Derivatives and Analogues. <i>Inorganic Chemistry</i> , 2018, 57, 14698-14704.	4.0	6
61	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
62	Doubly boron-doped pentacenes as emitters for OLEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10881-10887.	5.5	42
63	Doping Polycyclic Arenes with Nitrogen [∞] Boron [∞] Nitrogen (NBN) Units. <i>Organic Letters</i> , 2018, 20, 6741-6745.	4.6	72
64	Controlling Isomerization Selectivity in Chiral, Photochromic N,C-Chelate Organoboron Systems with Extended π -Conjugation. <i>Journal of Organic Chemistry</i> , 2018, 83, 11970-11977.	3.2	12
65	Accessing Two-Stage Regioselective Photoisomerization in Unsymmetrical N,C-Chelate Organoboron Compounds: Reactivity of B(ppz)(Mes)Ar. <i>Organometallics</i> , 2018, 37, 3360-3367.	2.3	9
66	Identifying (BN) ₂ -pyrenes as a New Class of Singlet Fission Chromophores: Significance of Azaborine Substitution. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2919-2927.	4.6	28
67	Isomerization and rearrangement of boriranes: from chemical rarities to functional materials. <i>Science China Materials</i> , 2018, 61, 1249-1256.	6.3	18
68	Transforming benzylideneamine N,C-chelate boron compounds to BN-cycloocta-/cyclohepta-trienes bearing a tetrasubstituted B [∞] N unit via photoisomerization. <i>Chemical Communications</i> , 2018, 54, 8245-8248.	4.1	10
69	Frontispiz: Photochemical Generation of Chiral N,B,X-Heterocycles by Heteroaromatic C [∞] X Bond Scission (X=S, O) and Boron Insertion. <i>Angewandte Chemie</i> , 2018, 130, .	2.0	0
70	Frontispiece: Photochemical Generation of Chiral N,B,X-Heterocycles by Heteroaromatic C [∞] X Bond Scission (X=S, O) and Boron Insertion. <i>Angewandte Chemie - International Edition</i> , 2018, 57, .	13.8	0
71	Lanthanide Complexes with Photochromic Organoboron Ligand: Synthesis and Luminescence Study. <i>Inorganic Chemistry</i> , 2018, 57, 10040-10049.	4.0	18
72	Characterization of the Isothermal Precipitation Kinetics of an Al-Zn-Mg-Cu Alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2018, 49, 5157-5168.	2.2	10

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73	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
74	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
75	Probing Excimers of Pt(II) Compounds with Phenyl–1,3-Triazolyl and Pyridyl–1,2,4-Triazolyl Chelate Ligands by Means of Electrochemiluminescence. <i>ChemElectroChem</i> , 2017, 4, 1757-1762.	3.4	17
76	Regioselective Photoisomerization/C–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
77	<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
78	BN-Heterocycles Bearing Two BN Units: Influence of the Linker and the Location of BN Units on Electronic Properties and Photoreactivity. <i>Organometallics</i> , 2017, 36, 2654-2660.	2.3	22
79	Influence of Extended Conjugation on Photophysical/Electronic Properties and Photoelimination of BN-Heterocycles. <i>Organometallics</i> , 2017, 36, 2677-2684.	2.3	8
80	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
81	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
82	Highly Efficient Deep-Blue Electrophosphorescent Pt(II) Compounds with Non-Distorted Flat Geometry: Tetradentate versus Macrocyclic Chelate Ligands. <i>Advanced Functional Materials</i> , 2017, 27, 1604318.	14.9	57
83	Triaryl-Boron Functionalized Dinuclear Platinum Complexes Linked by Photoisomerizable Bpe Ligand: Luminescence and Isomerism. <i>Inorganic Chemistry</i> , 2017, 56, 12783-12794.	4.0	11
84	Binding Modes and Reactivity of Pyrido[2,1- <i>a</i>]isoindole as a Neutral Carbon Donor with Main-Group and Transition-Metal Elements. <i>Organometallics</i> , 2017, 36, 4054-4060.	2.3	5
85	Bright, Multi-Responsive, Sky-Blue Platinum(II) Phosphors Based on a Tetradentate Chelating Framework. <i>Angewandte Chemie</i> , 2017, 129, 9288-9292.	2.0	25
86	Regioselektive Photoisomerisierung/C–C-Bindungsbildung von asymmetrischem B(ppy)(Mes)(Ar): die Rolle von Arylgruppen am Boratom. <i>Angewandte Chemie</i> , 2017, 129, 6189-6193.	2.0	30
87	Anion Sensing with a Blue Fluorescent Triarylboron-Functionalized Bisbenzimidazole and Its Bisbenzimidazolium Salt. <i>ACS Omega</i> , 2017, 2, 8625-8632.	3.5	13
88	Spiro-BODIPYs with a Diaryl Chelate: Impact on Aggregation and Luminescence. <i>Journal of Organic Chemistry</i> , 2017, 82, 13481-13487.	3.2	64
89	Organoboron-Based Photochromic Copolymers for Erasable Writing and Patterning. <i>Macromolecules</i> , 2017, 50, 4629-4638.	4.8	58
90	Triplet Energy and π -Conjugation Effects on Photoisomerization of Chiral N,C-Chelate Organoborons with PAH Substituents. <i>Organic Letters</i> , 2017, 19, 3851-3854.	4.6	24

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91	Four-Component Reaction for the Synthesis of Indolizines by Copper-Catalyzed Aerobic Oxidative Dehydrogenative Aromatization. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 257-261.	2.4	25
92	Unusual Fragmentation and Transformation of an N-Heterocyclic Carbene by a Stable Phosphonium-Borane <i>peri</i> -Functionalized Naphthalene. <i>Chemistry - A European Journal</i> , 2016, 22, 2473-2480.	3.3	2
93	Highly Stable Eu(III) and Tb(III) Complexes Based on Triarylborane-Functionalized Cyclen Derivatives as Visual Temperature Probes and White-Light Emitters. <i>Advanced Optical Materials</i> , 2016, 4, 1882-1892.	7.3	7
94	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
95	Substituent Directed Phototransformations of BN-Heterocycles: Elimination vs Isomerization via Selective B-C Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2016, 138, 11513-11516.	13.7	72
96	Tuning the Colors of the Dark Isomers of Photochromic Boron Compounds with Fluoride Ions: Four-State Color Switching. <i>Organic Letters</i> , 2016, 18, 4436-4439.	4.6	27
97	Synthesis and properties of a low-viscosity UV-curable oligomer for three-dimensional printing. <i>Polymer Bulletin</i> , 2016, 73, 571-585.	3.3	25
98	Transition-Metal-Free Synthesis of Indolizines from Electron-Deficient Alkenes via One-Pot Reaction Using TEMPO as an Oxidant. <i>Synthesis</i> , 2016, 48, 413-420.	2.3	31
99	1,1-Hydroboration of Fused Azole-Isoindole Analogues as an Approach for Construction of B-N-Heterocycles and Azole-Fused B-N-Naphthalenes. <i>Organic Letters</i> , 2016, 18, 1626-1629.	4.6	39
100	Pyridyl Directed Catalyst-Free <i>trans</i> -Hydroboration of Internal Alkynes. <i>Organic Letters</i> , 2016, 18, 720-723.	4.6	53
101	Thermal and Photolytic Transformation of NHC-B,N-Heterocycles: Controlled Generation of Blue Fluorescent 1,3-Azaborinine Derivatives and 1-H-midazo[1,2-a]indoles by External Stimuli. <i>Chemistry - A European Journal</i> , 2015, 21, 13829-13829.	3.3	0
102	In-Situ Solid-State Generation of (BN) ₂ -Pyrenes and Electroluminescent Devices. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15074-15078.	13.8	105
103	Innentitelbild: Reversible 1,1-Hydroborierung: Borylinsertion in eine C-N-Bindung und konkurrierende Eliminierung von entweder HBR ₂ oder R-H (Angew. Chem. 18/2015). <i>Angewandte Chemie</i> , 2015, 127, 5352-5352.	2.0	0
104	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
105	One-Pot Synthesis of Brightly Fluorescent Mes ₂ -B-Functionalized Indolizine Derivatives via Cycloaddition Reactions. <i>Organic Letters</i> , 2015, 17, 2486-2489.	4.6	36
106	Reversible 1,1-Hydroboration: Boryl Insertion into a C ₂ 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
107	Thermal and Photolytic Transformation of NHC-B,N-Heterocycles: Controlled Generation of Blue Fluorescent 1,3-Azaborinine Derivatives and 1-H-midazo[1,2-a]indoles by External Stimuli. <i>Chemistry - A European Journal</i> , 2015, 21, 13961-13970.	3.3	31
108	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

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109	Blue phosphorescent N-heterocyclic carbene chelated Pt(II) complexes with an N^{\pm} -duryl-1,2-diketono ancillary ligand. <i>Dalton Transactions</i> , 2015, 44, 8433-8443.	3.3	45
110	Efficient electrochemiluminescence of a boron-dipyrrromethene (BODIPY) dye. <i>Chemical Communications</i> , 2015, 51, 1081-1084.	4.1	52
111	Environmental Impact Assessment and End-of-Life Treatment Policy Analysis for Li-Ion Batteries and Ni-MH Batteries. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 3185-3198.	2.6	41
112	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
113	Bright Blue and White Electrophosphorescent Triarylboron-Functionalized C ^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
114	A Dual-Emissive Phosphine-Borane Lewis Pair with a U-Shaped Linker: Impact of Methylation and Complexation on Fluoride Binding Affinity. <i>Organometallics</i> , 2014, 33, 964-973.	2.3	23
115	Chelation-Assisted Photoelimination of B,N-Heterocycles. <i>Organic Letters</i> , 2014, 16, 616-619.	4.6	37
116	Selective Sensitization of Eu(III) and Tb(III) Emission with Triarylboron-Functionalized Dipicolinic Acids. <i>Inorganic Chemistry</i> , 2014, 53, 9751-9760.	4.0	26
117	Benzothiazoline Three-Coordinated Organoboron Compounds with a B-N Bond: Dual Emission and Temperature-Dependent Excimer Fluorescence. <i>Organometallics</i> , 2014, 33, 5483-5491.	2.3	13
118	Reactivity and Electronic Properties of a Ferrocene Molecule Bearing an N,C-Chelated BMe ₂ Unit. <i>Organometallics</i> , 2014, 33, 1787-1793.	2.3	27
119	Reversible Photochemical and Thermal Isomerization of Azaboratabisnorcaradiene to Azaborabenzotropilidene. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9086-9089.	13.8	73
120	Impact of constitutional isomerism on phosphorescence and anion-sensing properties of donor-acceptor organoboron Pt(II) complexes. <i>Dalton Transactions</i> , 2014, 43, 13696.	3.3	14
121	Exciton-Stimulated Molecular Transformation in Organic Light-Emitting Diodes. <i>Advanced Materials</i> , 2014, 26, 6729-6733.	21.0	21
122	Impact of a dithienyl unit on photostability of N,C-chelating boron compounds. <i>Dalton Transactions</i> , 2013, 42, 638-644.	3.3	33
123	Highly Efficient Greenish-Yellow Phosphorescent Organic Light-Emitting Diodes Based on Interzone Exciton Transfer. <i>Advanced Functional Materials</i> , 2013, 23, 3204-3211.	14.9	26
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#	ARTICLE	IF	CITATIONS
235	A Blue Luminescent Starburst Molecule and Its Orange Luminescent Trinuclear PdII Complex: 1,3,5-tris(7-azaindol-1-yl)benzene (tabH) and [PdII ₃ (tab) ₂ Cl ₄]. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3933-3935.	13.8	72
236	Synthesis and Structure of a Novel Mg ₆ Cluster Molecule Mg ₆ ($\frac{1}{4}$ -OH) ₂ ($\frac{1}{4}$ -Br) ₂ ($\frac{1}{4}$ -Br) ₈ (THF) ₈ . <i>Journal of Cluster Science</i> , 2000, 11, 253-260.	3.3	2
237	Syntheses, Structures, and Fluxionality of Blue Luminescent Zinc(II) Complexes: Zn(2,2',2''-tpa)Cl ₂ , Zn(2,2',2''-tpa) ₂ (O ₂ CCF ₃) ₂ , and Zn(2,2',3''-tpa) ₄ (O ₂ CCF ₃) ₂ (tpa = Tripyridylamine). <i>Inorganic Chemistry</i> , 2000, 39, 2397-2404.	13.8	78
238	Syntheses, Structures, Solution, and Solid-State ²⁷ Al NMR Studies of Blue Luminescent Mononuclear Aluminum Complexes: Al(7-azain) ₂ (7-azain-H)(CH ₃), Al(7-azain) ₃ (7-azain-H), and Al(7-azain)(7-azain-H)(OCH(CF ₃) ₂) ₂ (7-azain-H = 7-azaindole). <i>Journal of the American Chemical Society</i> , 2000, 122, 2541-2547.	13.7	78
239	Probing the Origin of Disorder in Polynuclear Aluminum 7-Azaindoyl Complexes by ²⁷ Al Multiple-Quantum Magic-Angle-Spinning NMR. <i>Journal of the American Chemical Society</i> , 2000, 122, 3528-3529.	13.7	15
240	Syntheses, Structures, and Luminescence/Electroluminescence of BPh ₂ (mqp), Al(CH ₃)(mqp) ₂ , and Al(mqp) ₃ (mqp = 2-(4-Methylquinolinyl)-2-phenolato). <i>Organometallics</i> , 2000, 19, 5709-5714.	2.3	54
241	Blue-Luminescent/Electroluminescent Zn(II) Compounds of 7-Azaindole and N-(2-Pyridyl)-7-azaindole: Zn(7-azaindole) ₂ (CH ₃ COO) ₂ , Zn(NPA)(CH ₃ COO) ₂ , and Zn(NPA)((S)-(+)-CH ₃ CH ₂ CH(CH ₃)COO) ₂ (NPA =) <i>Tj ETQq1.0.784314 rgBT</i>	13.7	203
242	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
243	Synthesis, Structure, and Electroluminescence of BR ₂ q (R = Et, Ph, 2-Naphthyl and q =) <i>Tj ETQq1.0.784314 rgBT /Overlock 10 Tf 50 42</i>	6.7	385
244	The preparation of YBCO epitaxial superconducting films by a chemical solution deposition process. <i>Journal of Materials Science</i> , 1999, 34, 1099-1106.	3.7	6
245	Isomerism and Blue Electroluminescence of a Novel Organoboron Compound: BIII ₂ (O)(7-azain) ₂ Ph ₂ . <i>Angewandte Chemie - International Edition</i> , 1999, 38, 985-988.	13.8	101
246	5,11-Dihydro-5,11-di-1-naphthylindolo[3,2-b]carbazole: Atropisomerism in a Novel Hole-Transport Molecule for Organic Light-Emitting Diodes. <i>Journal of the American Chemical Society</i> , 1999, 121, 5097-5098.	13.7	123
247	B ₃ O ₃ Ph ₃ (7-azaindole): Structure, Luminescence, and Fluxionality. <i>Organometallics</i> , 1999, 18, 2553-2556.	2.3	53
248	First blue luminescent diborate compound: B ₂ ($\frac{1}{4}$ -O)Et ₂ (7-azain) ₂ (7-azain = 7-azaindole anion). <i>Chemical Communications</i> , 1998, , 211-212.	4.1	43
249	Highly Fluxional Blue Luminescent Aluminum Complexes: Al(CH ₃)(7-azain-2-Ph) ₂ (7-azainH-2-Ph), Al ₃ ($\frac{1}{4}$ -O)(CH ₃) ₃ (7-azain-2-Ph) ₄ , and Al ₃ ($\frac{1}{4}$ -O)(CH ₃) ₃ (7-azain-2-CH ₃) ₄ (7-azain = 7-Azaindole Anion). <i>Organometallics</i> , 1998, 17, 4666-4674.	2.3	20
250	Tetraacetylene Dianion (Tae) As a Bridging Ligand for Molecular Square Complexes: Coll ₄ (Tae) ₄ (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
251	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
252	Blue Luminescent Organoaluminum Compounds: Al ₂ (CH ₃) ₄ (7-azain) ₂ , Al ₂ (CH ₃) ₂ (7-azain) ₄ ,		

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253	Novel Oxo-Bridged Blue Luminescent Organoaluminum Complexes: $\text{Al}_4(\text{CH}_3)_6(\mu_3\text{-O})_2(\text{dpa})_2$ and $\text{Al}_3(7\text{-azain})_4(\text{OCH}(\text{CF}_3)_2)_2(\text{CH}_3)(\mu_3\text{-O})$ (dpa = Deprotonated Di-2-pyridylamine, 7-azain = Deprotonated 7-azain) <i>Tj ETQq</i> 1 0.784314 <i>rgBT / Overlock</i>	2.3	46
254	Organobismuth(III) and Organobismuth(V) Complexes Containing Pyridyl and Amino Functional Groups. Syntheses and Characterizations of $\text{BiIII}(\text{Ar})_3$ (Ar = p-C ₆ H ₄ (NMe ₂), p-C ₆ H ₄ CH ₂ (NPr ₂),) <i>Tj ETQq</i> 0 0 <i>rgBT / Overlock</i>	2.3	46
255	Homonuclear and heteronuclear metal complexes with a cyclic tetracopper(II) unit. Syntheses, crystal structures, and magnetic properties of $[\text{CuII}_4(\text{dmap})_3(\text{OH})(\text{O}_2\text{CCH}_3)_2(\text{HO}_2\text{CCH}_3)(\text{H}_2\text{O})][\text{PF}_6]_2$, $[\text{CuII}_4(\text{dmap})_2(\text{O}_2\text{CCH}_3)_4][\text{PF}_6]_2$, $[\text{CuII}_4(\text{dmap})_2(\text{O}_2\text{CCH}_3)_2(\text{OH})_2][\text{HgII}(\text{O}_2\text{CCH}_3)\text{Cl}_2]_2[\text{HgII}\text{Cl}_2]$, and $[\text{CuII}_4(\text{dmap})_2(\text{O}_2\text{CCH}_3)_3(\text{OH})_2(\text{H}_2\text{O})][\text{PF}_6]$ (dmap = 1,3-bis(dimethylamino)-2-propanolato). <i>Inorganic Chemistry</i> , 1992, 31, 2116-2127.	4.0	56
256	Organosilver complexes. Synthesis and crystal structure of the ylide disilver complex $[\text{AgCH}_2\text{P}(\text{S})\text{Ph}_2]_2$. <i>Organometallics</i> , 1990, 9, 1973-1975.	2.3	34
257	Synthesis and structural characterization of the gold complex, $[\text{n-Bu}_4\text{N}]_2[\text{Au}_2(\text{i-MNT})_2]$ (i-MNT =) <i>Tj ETQq</i> 1 0.784314 <i>rgBT / Overlock</i>	4.0	58
258	$[\text{n-Bu}_4\text{N}]_2[\text{Au}_2(\text{i-MNT})_2\text{Br}_2]$, and $[\text{n-Bu}_4\text{N}][\text{Au}(\text{i-MNT})_2]$. Spectral studies of the disproportionation of $[\text{n-Bu}_4\text{N}]_2[\text{Au}_2(\text{i-MNT})_2\text{X}_2]$ (X = Cl-, Br-, I-) into $[\text{n-Bu}_4\text{N}][\text{AuX}_2]$ and $[\text{n-Bu}_4\text{N}][\text{Au}(\text{i-MNT})_2]$. <i>Inorganic Chemistry</i> , 1989, 28, 3579-3588.		
	Luminescent extended one-dimensional heterobimetallic chain compounds with relativistic metal-metal bonds. Synthesis, crystal structures, and spectroscopic studies of $\text{AuI}(\text{MTP})_2$ and		