

List of Publications by Year in descending order

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31
papers

1,383
citations

304368

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citing authors

#	ARTICLE	IF	CITATIONS
1	Optical and electronic properties of air-stable organoboron compounds with strongly electron-accepting bis(fluoromesityl)boryl groups. <i>Chemical Science</i> , 2015, 6, 308-321.	3.7	128
2	Dâ€“A Triarylboron Compounds with Tunable Pushâ€“Pull Character Achieved by Modification of Both the Donor and Acceptor Moieties. <i>Chemistry - A European Journal</i> , 2015, 21, 177-190.	1.7	125
3	Cuprophilic interactions in highly luminescent dicopper(<i>scpi</i>)â€“NHCâ€“picoyl complexes â€“ fast phosphorescence or TADF?. <i>Chemical Communications</i> , 2016, 52, 2932-2935.	2.2	106
4	Stimulusâ€“Triggered Formation of an Anionâ€“Cation Exciplex in Copper(I) Complexes as a Mechanism for Mechanochromic Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13671-13675.	7.2	84
5	Tuning the Î€-bridge of quadrupolar triarylborane chromophores for one- and two-photon excited fluorescence imaging of lysosomes in live cells. <i>Chemical Science</i> , 2019, 10, 5405-5422.	3.7	83
6	Persistent Room Temperature Phosphorescence from Triarylboranes: A Combined Experimental and Theoretical Study. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17137-17144.	7.2	82
7	Metalâ€“Organic Framework Luminescence in the Yellow Gap by Codoping of the Homoleptic Imidazolate $[Ba(Im)_3]$ with Divalent Europium. <i>Journal of the American Chemical Society</i> , 2013, 135, 6896-6902.	6.6	76
8	The Series of Rare Earth Complexes $[Ln_2Cl_6(\frac{1}{4}4,4\text{-bipy})(py)_6]$, Ln=Y, Pr, Nd, Smâ€“Yb: A Molecular Model System for Luminescence Properties in MOFs Based on $LnCl_3$ and 4,4â€“Bipyridine. <i>Chemistry - A European Journal</i> , 2013, 19, 17369-17378.	1.7	76
9	Visible-Light-Induced Ni-Catalyzed Radical Borylation of Chloroarenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 18231-18242.	6.6	56
10	Synthesis and Photoluminescence Properties of an Unprecedented Phosphinineâ€“Cu ₄ Br ₄ Cluster. <i>Inorganic Chemistry</i> , 2014, 53, 9855-9859.	1.9	53
11	Luminescent copper(<i>scpi</i>) halide and pseudohalide phenanthroline complexes revisited: simple structures, complicated excited state behavior. <i>Dalton Transactions</i> , 2015, 44, 6944-6960.	1.6	47
12	Relevance of Orbital Interactions and Pauli Repulsion in the Metalâ€“Metal Bond of Coinage Metals. <i>Inorganic Chemistry</i> , 2018, 57, 2603-2608.	1.9	47
13	Synthesis, photophysical and electronic properties of tetra-donor- or acceptor-substituted <i>ortho</i> -perylene displaying four reversible oxidations or reductions. <i>Chemical Science</i> , 2019, 10, 7516-7534.	3.7	45
14	Computationally Guided Molecular Design to Minimize the LE/CT Gap in Dâ€“A Fluorinated Triarylboranes for Efficient TADF via D and Î€-Bridge Tuning. <i>Advanced Functional Materials</i> , 2020, 30, 2002064.	7.8	39
15	White light emission of IFP-1 by in situ co-doping of the MOF pore system with Eu ³⁺ and Tb ³⁺ . <i>Journal of Materials Chemistry C</i> , 2015, 3, 4623-4631.	2.7	38
16	Near-Infrared Luminescence and Inner Filter Effects of Lanthanide Coordination Polymers with 1,2-Di(4-pyridyl)ethylene. <i>Inorganic Chemistry</i> , 2016, 55, 7396-7406.	1.9	34
17	A Quadrupolar Bisâ€“Triarylborane Chromophore as a Fluorimetric and Chiroptic Probe for Simultaneous and Selective Sensing of DNA, RNA and Proteins. <i>Chemistry - A European Journal</i> , 2020, 26, 2195-2203.	1.7	33
18	Phenylpyridylâ€“Fused Boroles: A Unique Coordination Mode and Weak Bâ€“N Coordinationâ€“Induced Dual Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4833-4840.	7.2	28

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19	Bite-angle bending as a key for understanding group-10 metal reactivity of d^{10} -[M(NHC) ₂] complexes with sterically modest NHC ligands. <i>Chemical Science</i> , 2015, 6, 1426-1432.	3.7	27
20	Triarylborane-Based Helical Donor-Acceptor Compounds: Synthesis, Photophysical, and Electronic Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 10845-10857.	1.7	27
21	<i>π</i> -Heterocyclic Silylenes as Ligands in Transition Metal Carbonyl Chemistry: Nature of Their Bonding and Supposed Innocence. <i>Chemistry - A European Journal</i> , 2020, 26, 11276-11292.	1.7	27
22	Preparation and Characterization of a π -Conjugated Donor-Acceptor System Containing the Strongly Electron-Accepting Tetraphenylborolyl Unit. <i>Chemistry - A European Journal</i> , 2019, 25, 4707-4712.	1.7	23
23	Persistent Room Temperature Phosphorescence from Triarylboranes: A Combined Experimental and Theoretical Study. <i>Angewandte Chemie</i> , 2020, 132, 17285-17292.	1.6	22
24	Thermodynamic equilibrium between locally excited and charge-transfer states through thermally activated charge transfer in 1-(pyren-2-yl)- <i>o</i> -carborane. <i>Chemical Science</i> , 2022, 13, 5205-5219.	3.7	20
25	Enhanced π -Back-Donation as a Way to Higher Coordination Numbers in d^{10} [M(NHC) _n] Complexes: A DFT Study. <i>Chemistry - A European Journal</i> , 2017, 23, 614-622.	1.7	17
26	Steric Effects Dictate the Formation of Terminal Arylborylene Complexes of Ruthenium from Dihydroboranes. <i>Chemistry - A European Journal</i> , 2019, 25, 13566-13571.	1.7	14
27	Toward Transition-Metal-Templated Construction of Arylated B ₄ Chains by Dihydroborane Dehydrocoupling. <i>Chemistry - A European Journal</i> , 2019, 25, 16544-16549.	1.7	9
28	Phenylpyridyl-Fused Boroles: A Unique Coordination Mode and Weak B-N Coordination-Induced Dual Fluorescence. <i>Angewandte Chemie</i> , 2021, 133, 4883-4890.	1.6	9
29	Synthesis, Photophysical and Electronic Properties of Mono-, Di-, and Tri-Amino-Substituted Ortho-Perylenes, and Comparison to the Tetra-Substituted Derivative. <i>Chemistry - A European Journal</i> , 2020, 26, 12050-12059.	1.7	8
30	Frontispiece: Triarylborane-Based Helical Donor-Acceptor Compounds: Synthesis, Photophysical, and Electronic Properties. <i>Chemistry - A European Journal</i> , 2019, 25, .	1.7	0
31	A Quadrupolar Bis-Triarylborane Chromophore as a Fluorimetric and Chiroptic Probe for Simultaneous and Selective Sensing of DNA, RNA and Proteins. <i>Chemistry - A European Journal</i> , 2020, 26, 2098-2098.	1.7	0