

Jrn Nitsch

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

978
citations

18
h-index

31
g-index

32
ext. papers

1,216
ext. citations

7.6
avg, IF

4.32
L-index

#	Paper	IF	Citations
29	Phenylpyridyl-Fused Boroles: A Unique Coordination Mode and Weak B-N Coordination-Induced Dual Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4833-4840	16.4	13
28	Phenylpyridyl-Fused Boroles: A Unique Coordination Mode and Weak B-N Coordination-Induced Dual Fluorescence. <i>Angewandte Chemie</i> , 2021 , 133, 4883-4890	3.6	2
27	Computationally Guided Molecular Design to Minimize the LE/CT Gap in D- π -A Fluorinated Triarylboranes for Efficient TADF via D and π -Bridge Tuning. <i>Advanced Functional Materials</i> , 2020 , 30, 2002064	15.6	23
26	Persistent Room Temperature Phosphorescence from Triarylboranes: A Combined Experimental and Theoretical Study. <i>Angewandte Chemie</i> , 2020 , 132, 17285-17292	3.6	6
25	Persistent Room Temperature Phosphorescence from Triarylboranes: A Combined Experimental and Theoretical Study. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 17137-17144	16.4	34
24	N-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	4.8	16
23	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	4.8	4
22	A Quadrupolar Bis-Triarylborane Chromophore as a Fluorimetric and Chiroptical Probe for Simultaneous and Selective Sensing of DNA, RNA and Proteins. <i>Chemistry - A European Journal</i> , 2020 , 26, 2098	4.8	
21	A Quadrupolar Bis-Triarylborane Chromophore as a Fluorimetric and Chiroptical Probe for Simultaneous and Selective Sensing of DNA, RNA and Proteins. <i>Chemistry - A European Journal</i> , 2020 , 26, 2195-2203	4.8	17
20	Visible-Light-Induced Ni-Catalyzed Radical Borylation of Chloroarenes. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18231-18242	16.4	22
19	Triarylborane-Based Helical Donor-Acceptor Compounds: Synthesis, Photophysical, and Electronic Properties. <i>Chemistry - A European Journal</i> , 2019 , 25, 10845-10857	4.8	18
18	Synthesis, photophysical and electronic properties of tetra-donor- or acceptor-substituted -perylene displaying four reversible oxidations or reductions. <i>Chemical Science</i> , 2019 , 10, 7516-7534	9.4	26
17	Tuning the π -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	9.4	58
16	Steric Effects Dictate the Formation of Terminal Arylborylene Complexes of Ruthenium from Dihydroboranes. <i>Chemistry - A European Journal</i> , 2019 , 25, 13566-13571	4.8	8
15	Toward Transition-Metal-Templated Construction of Arylated B Chains by Dihydroborane Dehydrocoupling. <i>Chemistry - A European Journal</i> , 2019 , 25, 16544	4.8	5
14	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	4.8	12
13	Relevance of Orbital Interactions and Pauli Repulsion in the Metal-Metal Bond of Coinage Metals. <i>Inorganic Chemistry</i> , 2018 , 57, 2603-2608	5.1	39

12	Stimulus-Triggered Formation of an Anion-Cation Exciplex in Copper(I) Complexes as a Mechanism for Mechanochromic Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13671-13675	16.4	54
11	Enhanced π -Back-Donation as a Way to Higher Coordination Numbers in d [M(NHC)] Complexes: A DFT Study. <i>Chemistry - A European Journal</i> , 2017 , 23, 614-622	4.8	12
10	Near-Infrared Luminescence and Inner Filter Effects of Lanthanide Coordination Polymers with 1,2-Di(4-pyridyl)ethylene. <i>Inorganic Chemistry</i> , 2016 , 55, 7396-406	5.1	27
9	Cuprophilic interactions in highly luminescent dicopper(i)-NHC-picoyl complexes - fast phosphorescence or TADF?. <i>Chemical Communications</i> , 2016 , 52, 2932-5	5.8	84
8	Bite-angle bending as a key for understanding group-10 metal reactivity of d-[M(NHC)] complexes with sterically modest NHC ligands. <i>Chemical Science</i> , 2015 , 6, 1426-1432	9.4	25
7	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	7.1	34
6	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	9.4	116
5	D- π A triarylboron compounds with tunable push-pull character achieved by modification of both the donor and acceptor moieties. <i>Chemistry - A European Journal</i> , 2015 , 21, 177-90	4.8	105
4	Luminescent copper(I) halide and pseudohalide phenanthroline complexes revisited: simple structures, complicated excited state behavior. <i>Dalton Transactions</i> , 2015 , 44, 6944-60	4.3	37
3	Synthesis and photoluminescence properties of an unprecedented phosphinine-CuBr ₂ cluster. <i>Inorganic Chemistry</i> , 2014 , 53, 9855-9	5.1	41
2	Metal-organic framework luminescence in the yellow gap by codoping of the homoleptic imidazolate [B][Ba(Im) ₂] with divalent europium. <i>Journal of the American Chemical Society</i> , 2013 , 135, 6896-902	16.4	66
1	The series of rare earth complexes [Ln ₂ Cl ₆ (4,4'Sbipy)(py) ₆], Ln=Y, Pr, Nd, Sm-Yb: a molecular model system for luminescence properties in MOFs based on LnCl ₃ and 4,4'Sbipyridine. <i>Chemistry - A European Journal</i> , 2013 , 19, 17369-78	4.8	70