

Lei Ji

List of Publications by Citations

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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.

30
papers

1,232
citations

16
h-index

35
g-index

35
ext. papers

1,603
ext. citations

7.8
avg, IF

4.87
L-index

#	Paper	IF	Citations
30	Recent developments in and perspectives on three-coordinate boron materials: a bright future. <i>Chemical Science</i> , 2017 , 8, 846-863	9.4	382
29	Electron Delocalization in Reduced Forms of 2-(BMes ₂)pyrene and 2,7-Bis(BMes ₂)pyrene. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6750-3	16.4	118
28	Switching high two-photon efficiency: from 3,8,13-substituted triindole derivatives to their 2,7,12-isomers. <i>Organic Letters</i> , 2010 , 12, 5192-5	6.2	88
27	Experimental and theoretical studies of quadrupolar oligothiophene-cored chromophores containing dimesitylboryl moieties as π -accepting end-groups: syntheses, structures, fluorescence, and one- and two-photon absorption. <i>Chemistry - A European Journal</i> , 2014 , 20, 13618-35	4.8	71
26	Pyrene Molecular Orbital Shuffle-Controlling Excited State and Redox Properties by Changing the Nature of the Frontier Orbitals. <i>Chemistry - A European Journal</i> , 2017 , 23, 13164-13180	4.8	70
25	Air-Stable Organic Radicals: New-Generation Materials for Flexible Electronics?. <i>Advanced Materials</i> , 2020 , 32, e1908015	24	55
24	Synthesis and photophysics of a 2,7-disubstituted donor-acceptor pyrene derivative: an example of the application of sequential Ir-catalyzed C-H borylation and substitution chemistry. <i>Journal of Organic Chemistry</i> , 2015 , 80, 5658-65	4.2	52
23	Preparation, Properties, and Structures of the Radical Anions and Dianions of Azapentacenes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15968-15976	16.4	46
22	Wide-range lifetime-tunable and responsive ultralong organic phosphorescent multi-host/guest system. <i>Nature Communications</i> , 2021 , 12, 3522	17.4	44
21	Synthesis, Photophysical, and Electrochemical Properties of Pyrenes Substituted with Donors or Acceptors at the 4- or 4,9-Positions. <i>Journal of Organic Chemistry</i> , 2018 , 83, 3599-3606	4.2	35
20	Iridium-catalyzed borylation of pyrene: irreversibility and the influence of ligand on selectivity. <i>Journal of Organic Chemistry</i> , 2015 , 80, 661-5	4.2	34
19	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
18	Bromination Improves the Electron Mobility of Tetraazapentacene. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9543-9547	16.4	32
17	The Radical Anion and Dianion of Tetraazapentacene. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10498-501	16.4	27
16	Triarylborane-Based Helical Donor-Acceptor Compounds: Synthesis, Photophysical, and Electronic Properties. <i>Chemistry - A European Journal</i> , 2019 , 25, 10845-10857	4.8	18
15	Polydatin protects SH-SY5Y in models of Parkinson's disease by promoting Atg5-mediated but parkin-independent autophagy. <i>Neurochemistry International</i> , 2020 , 134, 104671	4.4	17
14	Rapid multiple-quantum three-dimensional fluorescence spectroscopy disentangles quantum pathways. <i>Nature Communications</i> , 2019 , 10, 4735	17.4	15

13	Tetrabromtetraazapentacen: erhöhte Elektronenbeweglichkeit. <i>Angewandte Chemie</i> , 2018 , 130, 9688-9692	3.2	13
12	Preparation and Characterization of a Conjugated Donor-Acceptor System Containing the Strongly Electron-Accepting Tetraphenylborolyl Unit. <i>Chemistry - A European Journal</i> , 2019 , 25, 4707-4712	4.8	12
11	An Iterative Divergent Approach to Conjugated Starburst Borane Dendrimers. <i>Chemistry - A European Journal</i> , 2020 , 26, 12951-12963	4.8	12
10	1,1?-Dibutyl-3,3?-biindolinylidene-2,2?-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o4342-o4342		11
9	Das Radikalanion und Dianion von Tetraazapentacen. <i>Angewandte Chemie</i> , 2016 , 128, 10654-10657	3.6	9
8	Synthesis and Structure of an o-Carboranyl-Substituted Three-Coordinate Borane Radical Anion. <i>Chemistry - A European Journal</i> , 2021 , 27, 8159-8167	4.8	7
7	Persistent Room Temperature Phosphorescence from Triarylboranes: A Combined Experimental and Theoretical Study. <i>Angewandte Chemie</i> , 2020 , 132, 17285-17292	3.6	6
6	Evidence of Increased Hydrophobicity and Dynamics inside the Tail Region of Glycolipid Self-Assemblies Using 2-Alkyl-Pyrene Derivatives to Probe Different Locations. <i>Langmuir</i> , 2019 , 35, 9584-9592	6	
5	Mono- and Dianion of a Bis(benzobuta)tetraazapentacene Derivative. <i>Chemistry - A European Journal</i> , 2019 , 25, 9840-9845	4.8	5
4	Iridium-catalysed borylation of pyrene is a powerful route to novel optoelectronic materials. <i>New Journal of Chemistry</i> , 2021 , 45, 14869-14878	3.6	4
3	6-Bromo-1-butyldoline-2,3-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 65, o136		2
2	Isolated 2-hydroxypyrene and its dimer: a frequency- and time-resolved spectroscopic study. <i>New Journal of Chemistry</i> , 2021 , 45, 14949-14956	3.6	1
1	2,7-Carbazole Derived Organoboron Compounds: Synthesis and Molecular Fluorescence. <i>Frontiers in Chemistry</i> , 2021 , 9, 754298	5	0