

Jan-Hendrik Lamm

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

340
citations

840776

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25
times ranked

286
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of Host-Guest Complex Formation and Identification of Intermediates through NMR Titration and Diffusion NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7938-7942.	13.8	47
2	Poly-Boron, -Silicon, and -Gallium Lewis Acids by Hydrometallation of 1,5- and 1,8-Dialkynylantracenes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4294-4301.	2.0	31
3	Abnormal-NHC Palladium(II) Complexes: Rational Synthesis, Structural Elucidation, and Catalytic Activity. <i>Organometallics</i> , 2016, 35, 3421-3429.	2.3	31
4	The Structure of Bis(catecholato)silanes: Phase Adaptation by Dynamic Covalent Chemistry of the Si-O Bond. <i>Journal of the American Chemical Society</i> , 2021, 143, 18784-18793.	13.7	31
5	Polyalkynylantracenes - syntheses, structures and their behaviour towards UV irradiation. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 7355-7365.	2.8	29
6	Facile routes to abnormal-NHC-cobalt complexes. <i>Dalton Transactions</i> , 2017, 46, 7664-7667.	3.3	26
7	Methylene-bridged, intramolecular donor-acceptor systems based on rare-earth metals and phosphinomethanides. <i>Dalton Transactions</i> , 2017, 46, 5326-5336.	3.3	14
8	Halogen Bonds of Halotetrafluoropyridines in Crystals and Co-crystals with Benzene and Pyridine. <i>Chemistry - A European Journal</i> , 2019, 25, 7339-7350.	3.3	14
9	Alkynyl Compounds of the Rare-earth Metals. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 2484-2491.	1.2	13
10	1,8-Bis(phenylethynyl)anthracene - gas and solid phase structures. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8893-8905.	2.8	12
11	Gas-phase structure of 1,8-bis[(trimethylsilyl)ethynyl]anthracene: cog-wheel-type vs. independent internal rotation and influence of dispersion interactions. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 13093-13100.	2.8	10
12	Syntheses and Structures of 10-Trimethylelement-Substituted 1,8-Dichloroanthracenes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 941-947.	2.0	9
13	Bi- and tridentate silicon-based acceptor molecules. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017, 72, 383-391.	0.7	8
14	Hydrogen-bond-induced selectivity of a head-to-head photo-dimerisation of dialkynylantracene - access to tetradentate Lewis acids. <i>Chemical Science</i> , 2021, 12, 7943-7952.	7.4	8
15	Novel Dithienylethenes with Extended π -Systems: Synthesis by Aldol Condensation and Photochromic Properties. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6033-6037.	2.4	6
16	Regiochemical Control in Triptycene Formation - An Exercise in Subtle Balancing Multiple Factors. <i>ChemistryOpen</i> , 2018, 7, 111-114.	1.9	6
17	Monitoring dynamic pre-crystallization aggregation processes in solution by VT-DOSY-NMR spectroscopy. <i>Chemical Communications</i> , 2022, 58, 3465-3468.	4.1	5
18	Silicon-Bridged Bi- and Tridentate Lewis Acidic Host Systems. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3265-3271.	2.0	4

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19	A Rational Approach to Tetrafunctional Photo-switches. <i>ChemistryOpen</i> , 2019, 8, 304-315.	1.9	3
20	1,8,10-Substituted Anthracenes – Hexafunctional Frameworks via Head-to-Tail Photodimerisation. <i>Synthesis</i> , 2019, 51, 1623-1632.	2.3	3
21	Bidentate Lewis Acids Derived from <i>o</i> -Diethynylbenzene with Group 13 and 14 Functions. <i>ChemistryOpen</i> , 2021, 10, 1020-1027.	1.9	3
22	Host-guest chemistry of a bidentate silyl-triflate bis-Lewis acid – complex complexation behaviour unravelled by diffusion NMR spectroscopy. <i>Dalton Transactions</i> , 2022, 51, 7164-7173.	3.3	3
23	Improved Access to 1,8-Dichloro-10-(ethynyl)anthracene: A Useful Building Block for (Semi-)rigid Organic Frameworks. <i>Synthesis</i> , 2018, 50, 2009-2018.	2.3	1
24	Syntheses, Solid State Structures and Photochemistry of β -Bis-[(1,8-dichloroanthracen-10-yl)dimethylsilyl]alkanes. <i>Synthesis</i> , 2018, 50, 3041-3047.	2.3	1