Jonas Bresien

List of Publications by Year
in descending order

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56	621	623574	713332
papers	citations	14 h-index	21 g-index

62	62	62	411
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lowâ€Temperature Isolation of the Bicyclic Phosphinophosphonium Salt [Mes*₂P₄Cl][GaCl₄]. Angewandte Chemie - International Edition, 2015, 54, 6926-6930.	7.2	36
2	Borane Adducts of Hydrazoic Acid and Organic Azides: Intermediates for the Formation of Aminoboranes. Angewandte Chemie - International Edition, 2019, 58, 6540-6544.	7.2	31
3	A Dimer of Hydrogen Cyanide Stabilized by a Lewis Acid. Angewandte Chemie - International Edition, 2018, 57, 9170-9175.	7.2	30
4	Synthetic strategies to bicyclic tetraphosphanes using P₁, P₂and P₄building blocks. Dalton Transactions, 2016, 45, 1998-2007.	1.6	27
5	1-Titanacyclobuta-2,3-diene â€“ an elusive four-membered cyclic allene. Chemical Science, 2019, 10, 5319-5325.	3.7	26
6	Dimers and Trimers of Diphosphenes: A Wealth of Cycloâ€Phosphanes. Chemistry - A European Journal, 2014, 20, 12607-12615.	1.7	25
7	Trapping of transient, heavy pnictogen-centred biradicals. Dalton Transactions, 2018, 47, 4433-4436.	1.6	25
8	Separation of microplastics from mass-limited samples by an effective adsorption technique. Science of the Total Environment, 2021, 788, 147881.	3.9	24
9	A chemical reaction controlled by light-activated molecular switches based on hetero-cyclopentanediyls. Chemical Science, 2019, 10, 3486-3493.	3.7	22
10	Visibleâ€Light Cascade Photooxygenation of Tetrahydrocarbazoles and Cyclohepta[b]indoles: Access to C,Nâ€Diacyliminium Ions. Angewandte Chemie - International Edition, 2020, 59, 12450-12454.	7.2	19
11	Tetracyanido(difluorido)phosphates M⁺[PF₂(CN)₄]^{â^'}. Angewandte Chemie - International Edition, 2015, 54, 4474-4477.	7.2	17
12	Reactivity of TerN(SiMe₃)BiCl₂â€”Synthesis of an Aminobismuthenium Cation and TerN(SiMe₃)Bi(N₃)₂. Organometallics, 2018, 37, 2571-2580.	1.1	16
13	A Bismuthâ€“Arene Ïƒâ€Complex â€“ On the Edge of Menshutkinâ€Type Complexes. European Journal of Inorganic Chemistry, 2019, 2019, 1279-1287.	1.0	16
14	Stabilisierung eines BlausÃureâ€Dimers mit einer Lewisâ€SÃure. Angewandte Chemie, 2018, 130, 9311-9316.	1.6	15
15	Parahydrogen-induced polarization with a metal-free Pâ€“P biradicaloid. Physical Chemistry Chemical Physics, 2019, 21, 5890-5893.	1.3	13
16	Azadiphosphaindaneâ€1,3â€diyls: A Class of Resonanceâ€Stabilized Biradicals. Angewandte Chemie - International Edition, 2021, 60, 1507-1512.	7.2	13
17	Aryl-substituted triarsiranes: synthesis and reactivity. Chemical Communications, 2021, 57, 1014-1017.	2.2	13
18	Low temperature isolation of a dinuclear silver complex of the cyclotetraphosphane [ClP(Î¼-PMes*)]2. Dalton Transactions, 2016, 45, 498-501.	1.6	12

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19	[E(Î¼-NBbp)]₂ (E = P, As) â€“ group 15 biradicals synthesized from acyclic precursors. Dalton Transactions, 2019, 48, 11103-11111.	1.6	12
20	Heterocyclopentanediyls vs Heterocyclopentadienes: A Question of Silyl Group Migration. Journal of Organic Chemistry, 2020, 85, 14435-14445.	1.7	12
21	A Systematic Survey of the Reactivity of Chlorinated N 2 P 2 , NP 3 and P 4 Ring Systems. Chemistry - A European Journal, 2019, 25, 16311-16319.	1.7	11
22	Boranâ€Addukte von StickstoffwasserstoffsÃure und Organischen Aziden: Intermediate bei der Bildung von Aminoboranen. Angewandte Chemie, 2019, 131, 6610-6615.	1.6	11
23	Increasing steric demand through flexible bulk â€“ primary phosphanes with 2,6-bis(benzhydryl)phenyl backbones. Dalton Transactions, 2019, 48, 3786-3794.	1.6	11
24	A Tricyclic Hexaphosphane. Chemistry - A European Journal, 2015, 21, 18543-18546.	1.7	10
25	Synthesis of Sterically Demanding Secondary Phosphides and Diphosphanes and Their Utilization in Small-Molecule Activation. Inorganic Chemistry, 2020, 59, 13561-13571.	1.9	10
26	Hyperpolarization Effects in Parahydrogen Activation with Pnictogen Biradicaloids: Metalâ€free PHIP and SABRE. ChemPhysChem, 2021, 22, 813-817.	1.0	10
27	Lewis Acid-Catalyzed Carbofunctionalization of Uncommon C,N-Diacyliminium Ions: Controlling Regio- and Enantioselectivity. Organic Letters, 2021, 23, 7834-7838.	2.4	10
28	As-N and As-N-P Cage Compounds Generated by [2+2] Addition of Diazenes and Diphosphenes to Diarsadiazanediyls. European Journal of Inorganic Chemistry, 2018, 2018, 1679-1682.	1.0	9
29	Magnesium(I) Halide versus Magnesium Metal: Differences in Reaction Energy and Reactivity Monitored in Reduction Processes of Pâ^'Cl Bonds. Angewandte Chemie - International Edition, 2019, 58, 716-721.	7.2	9
30	Radical Reactivity of the Biradical [â‹…P(Î¼â€NTer)₂Pâ‹…] and Isolation of a Persistent Phosphorusâ€centered Monoradical [â‹…P(Î¼â€NTer)₂Pâ€Et]. Chemistry - A European Journal, 2022, 28, .	1.7	9
31	Dichloroâ€cycloazatriphosphane: The Missing Link between N₂P₂ and P₄ Ring Systems in the Systematic Development of NP Chemistry. Chemistry - A European Journal, 2017, 23, 14738-14742.	1.7	8
32	Reversible switching between housane and cyclopentanediyl isomers: an isonitrile-catalysed thermal reverse reaction. Dalton Transactions, 2020, 49, 13986-13992.	1.6	8
33	Biradicals in main group chemistry: Synthesis, electronic structure, and application in small-molecule activation. , 2023, , 165-233.		8
34	Binary Polyazides of Zinc. European Journal of Inorganic Chemistry, 2016, 2016, 5594-5609.	1.0	7
35	A Phosphorusâ€Based Pacman Dication Generated by Cooperative Selfâ€Activation of a Pacman Phosphane. Chemistry - A European Journal, 2021, , .	1.7	7
36	[ClP(Î¼-PMes[*])]₂â€”A versatile reagent in phosphorus chemistry. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 601-604.	0.8	5

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37	Photoisomerization of a phosphorus-based biradicaloid: ultrafast dynamics through a conical intersection. Physical Chemistry Chemical Physics, 2021, 23, 7434-7441.	1.3	5
38	Trimethylsilyl Pseudohalide Adducts of GaCl₃ and B(C₆F₅)₃. European Journal of Inorganic Chemistry, 2021, 2021, 1913-1920.	1.0	5
39	A Persistent Phosphanylâ€Substituted Thioketyl Radical Anion. Angewandte Chemie - International Edition, 2021, , .	7.2	5
40	Visibleâ€Light Cascade Photooxygenation of Tetrahydrocarbazoles and Cyclohepta[b]indoles: Access to C , N â€Diacyliminium Ions. Angewandte Chemie, 2020, 132, 12550-12554.	1.6	4
41	Bicyclic and tricyclic phosphanes with p-block substituents. Reviews in Inorganic Chemistry, 2022, 42, 1-20.	1.8	4
42	A four-membered heterocyclic prevented biradical that can be described as a zwitterion or masked N-heterocyclic phosphinidene. Cell Reports Physical Science, 2022, 3, 100777.	2.8	4
43	Dispersion Makes a Difference â€“ The Solidâ€State Structure of Hg[N(SiMe₃)₂]₂. European Journal of Inorganic Chemistry, 2018, 2018, 647-651.	1.0	3
44	Magnesium(I) Halide versus Magnesium Metal: Differences in Reaction Energy and Reactivity Monitored in Reduction Processes of Pâ^'Cl Bonds. Angewandte Chemie, 2019, 131, 726-731.	1.6	3
45	Trapping of BrÃ¸nsted acids with a phosphorus-centered biradicaloid â€“ synthesis of hydrogen pseudohalide addition products. Dalton Transactions, 2020, 49, 13655-13662.	1.6	3
46	Azadiphosphaindanâ€1,3â€diyle: Eine Gruppe von resonanzstabilisierten Biradikalen. Angewandte Chemie, 2021, 133, 1530-1535.	1.6	3
47	Insertion of CS2 into a Phosphorusâ€“Arsenic Single Bond and Investigations on Phosphane Arsanyldithiocarboxylates. Inorganic Chemistry, 2021, 60, 11591-11598.	1.9	2
48	Reaction of potassium phosphide KP(iPr)Ter with chalcogens, heteroallenes and an acyl chloride. Dalton Transactions, 2021, 50, 16568-16577.	1.6	2
49	Synthesis of Bicyclic P,S-Heterocycles via the Addition of Thioketones to a Phosphorus-Centered Open-Shell Singlet Biradical. Inorganic Chemistry, 2022, 61, 2031-2038.	1.9	2
50	A cyclic thioketone as biradical heterocyclopentane-1,3-diyl: synthesis, structure and activation chemistry. Inorganic Chemistry Frontiers, 2022, 9, 2659-2667.	3.0	1
51	Frontispiz: Magnesium(I) Halide versus Magnesium Metal: Differences in Reaction Energy and Reactivity Monitored in Reduction Processes of Pâ^'Cl Bonds. Angewandte Chemie, 2019, 131, .	1.6	0
52	Frontispiece: Magnesium(I) Halide versus Magnesium Metal: Differences in Reaction Energy and Reactivity Monitored in Reduction Processes of Pâ^'Cl Bonds. Angewandte Chemie - International Edition, 2019, 58, .	7.2	0
53	An Unprecedented Cluster Unit in (BMIm)2[Hf9Cl14H8(AlCl4)6]. European Journal of Inorganic Chemistry, 0, , .	1.0	0
54	A Persistent Phosphanylâ€Substituted Thioketyl Radical Anion. Angewandte Chemie, 0, , .	1.6	0

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55	Insertion of Ruthenium into an inorganic, cyclic biradicaloid. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	0.6	0
56	A 2â€Azaâ€3,4â€Diphosphaâ€1â€Boraâ€Butadiene. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	0.6	0