

Jonas Bresien

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Biradicals in main group chemistry: Synthesis, electronic structure, and application in small-molecule activation. , 2023, , 165-233.		8
2	Bicyclic and tricyclic phosphanes with p-block substituents. Reviews in Inorganic Chemistry, 2022, 42, 1-20.	1.8	4
3	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
4	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
5	Radical Reactivity of the Biradical $[\text{P}(\text{Ter})_2\text{P}^{\cdot\cdot}]$ and Isolation of a Persistent Phosphorus-Centered Monoradical $[\text{P}(\text{Ter})_2\text{P}^{\cdot}\text{Et}]$. Chemistry - A European Journal, 2022, 128, .		9
6	A cyclic thioketone as biradical heterocyclopentane-1,3-diy: synthesis, structure and activation chemistry. Inorganic Chemistry Frontiers, 2022, 9, 2659-2667.	3.0	1
7	Azadiphosphaindane-1,3-diyls: A Class of Resonance-Stabilized Biradicals. Angewandte Chemie - International Edition, 2021, 60, 1507-1512.	7.2	13
8	Azadiphosphaindane-1,3-diyl: Eine Gruppe von resonanzstabilisierten Biradikalen. Angewandte Chemie, 2021, 133, 1530-1535.	1.6	3
9	Photoisomerization of a phosphorus-based biradicaloid: ultrafast dynamics through a conical intersection. Physical Chemistry Chemical Physics, 2021, 23, 7434-7441.	1.3	5
10	Aryl-substituted triarsiranes: synthesis and reactivity. Chemical Communications, 2021, 57, 1014-1017.	2.2	13
11	Hyperpolarization Effects in Parahydrogen Activation with Phictogen Biradicaloids: Metal-free PHIP and SABRE. ChemPhysChem, 2021, 22, 813-817.	1.0	10
12	Trimethylsilyl Pseudohalide Adducts of GaCl_3 and $\text{B}(\text{C}_6\text{F}_5)_3$. European Journal of Inorganic Chemistry, 2021, 2021, 1913-1920.	1.0	5
13	Insertion of CS_2 into a Phosphorus-Arsenic Single Bond and Investigations on Phosphane Arsanyldithiocarboxylates. Inorganic Chemistry, 2021, 60, 11591-11598.	1.9	2
14	Separation of microplastics from mass-limited samples by an effective adsorption technique. Science of the Total Environment, 2021, 788, 147881.	3.9	24
15	Lewis Acid-Catalyzed Carbofunctionalization of Uncommon <i>C</i> , <i>N</i> -Diacyliminium Ions: Controlling Regio- and Enantioselectivity. Organic Letters, 2021, 23, 7834-7838.	2.4	10
16	Reaction of potassium phosphide $\text{K}(\text{iPr})\text{Ter}$ with chalcogens, heteroallenes and an acyl chloride. Dalton Transactions, 2021, 50, 16568-16577.	1.6	2
17	A Persistent Phosphanyl-Substituted Thioketyl Radical Anion. Angewandte Chemie - International Edition, 2021, , .	7.2	5
18	A Phosphorus-Based Pacman Dication Generated by Cooperative Self-Activation of a Pacman Phosphane. Chemistry - A European Journal, 2021, , .	1.7	7

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19	Reversible switching between housane and cyclopentenediyl isomers: an isonitrile-catalysed thermal reverse reaction. Dalton Transactions, 2020, 49, 13986-13992.	1.6	8
20	Trapping of Brønsted acids with a phosphorus-centered biradicaloid – synthesis of hydrogen pseudohalide addition products. Dalton Transactions, 2020, 49, 13655-13662.	1.6	3
21	Synthesis of Sterically Demanding Secondary Phosphides and Diphosphanes and Their Utilization in Small-Molecule Activation. Inorganic Chemistry, 2020, 59, 13561-13571.	1.9	10
22	Heterocyclopentenediyls vs Heterocyclopentadienes: A Question of Silyl Group Migration. Journal of Organic Chemistry, 2020, 85, 14435-14445.	1.7	12
23	Visible-Light Cascade Photooxygenation of Tetrahydrocarbazoles and Cyclohepta[<i>b</i>]indoles: Access to C, N-Diacyliminium Ions. Angewandte Chemie - International Edition, 2020, 59, 12450-12454.	7.2	19
24	Visible-Light Cascade Photooxygenation of Tetrahydrocarbazoles and Cyclohepta[<i>b</i>]indoles: Access to C, N-Diacyliminium Ions. Angewandte Chemie, 2020, 132, 12550-12554.	1.6	4
25	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
26	Parahydrogen-induced polarization with a metal-free P biradicaloid. Physical Chemistry Chemical Physics, 2019, 21, 5890-5893.	1.3	13
27	Magnesium(I) Halide versus Magnesium Metal: Differences in Reaction Energy and Reactivity Monitored in Reduction Processes of P-Cl Bonds. Angewandte Chemie, 2019, 131, 726-731.	1.6	3
28	[E(1/4-NBbp)] ₂ (E = P, As) – group 15 biradicals synthesized from acyclic precursors. Dalton Transactions, 2019, 48, 11103-11111.	1.6	12
29	1-Titanacyclobuta-2,3-diene – an elusive four-membered cyclic allene. Chemical Science, 2019, 10, 5319-5325.	3.7	26
30	Boran-Addukte von Stickstoffwasserstoffsäure und Organischen Aziden: Intermediate bei der Bildung von Aminoboranen. Angewandte Chemie, 2019, 131, 6610-6615.	1.6	11
31	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
32	Frontispiz: Magnesium(I) Halide versus Magnesium Metal: Differences in Reaction Energy and Reactivity Monitored in Reduction Processes of P-Cl Bonds. Angewandte Chemie, 2019, 131, .	1.6	0
33	Increasing steric demand through flexible bulk – primary phosphanes with 2,6-bis(benzhydryl)phenyl backbones. Dalton Transactions, 2019, 48, 3786-3794.	1.6	11
34	A chemical reaction controlled by light-activated molecular switches based on hetero-cyclopentenediyls. Chemical Science, 2019, 10, 3486-3493.	3.7	22
35	Magnesium(I) Halide versus Magnesium Metal: Differences in Reaction Energy and Reactivity Monitored in Reduction Processes of P-Cl Bonds. Angewandte Chemie - International Edition, 2019, 58, 716-721.	7.2	9
36	A Bismuth-Arene f-Complex – On the Edge of Menshutkin-type Complexes. European Journal of Inorganic Chemistry, 2019, 2019, 1279-1287.	1.0	16

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37	Frontispiece: Magnesium(I) Halide versus Magnesium Metal: Differences in Reaction Energy and Reactivity Monitored in Reduction Processes of Pâˆ“Cl Bonds. <i>Angewandte Chemie - International Edition</i> , 2019, 58, .	7.2	0
38	As-N and As-N-P Cage Compounds Generated by [2+2] Addition of Diazenes and Diphosphenes to Diarsadiazanediyls. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1679-1682.	1.0	9
39	Trapping of transient, heavy pnictogen-centred biradicals. <i>Dalton Transactions</i> , 2018, 47, 4433-4436.	1.6	25
40	Dispersion Makes a Difference â€“ The Solidâ€“State Structure of Hg[N(SiMe ₃) ₂] ₂ . <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 647-651.	1.0	3
41	A Dimer of Hydrogen Cyanide Stabilized by a Lewis Acid. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9170-9175.	7.2	30
42	Stabilisierung eines Blausâ€“Dimers mit einer Lewisâ€“Sâ€“ure. <i>Angewandte Chemie</i> , 2018, 130, 9311-9316.	1.6	15
43	Reactivity of TerN(SiMe ₃) ₂ BiCl ₂ â€“ Synthesis of an Aminobismuthenium Cation and TerN(SiMe ₃) ₂ Bi(N ₃) ₂ . <i>Organometallics</i> , 2018, 37, 2571-2580.	1.1	16
44	Dichloroâ€“Cycloazatriphosphane: The Missing Link between N ₂ P ₂ and P ₄ Ring Systems in the Systematic Development of NP Chemistry. <i>Chemistry - A European Journal</i> , 2017, 23, 14738-14742.	1.7	8
45	Binary Polyazides of Zinc. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5594-5609.	1.0	7
46	Low temperature isolation of a dinuclear silver complex of the cyclotetraphosphane [CIP(1/4-PMes*)] ₂ . <i>Dalton Transactions</i> , 2016, 45, 498-501.	1.6	12
47	[CIP(1/4-PMes*)] ₂ â€“ A versatile reagent in phosphorus chemistry. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 601-604.	0.8	5
48	Synthetic strategies to bicyclic tetraphosphanes using P ₁ , P ₂ and P ₄ building blocks. <i>Dalton Transactions</i> , 2016, 45, 1998-2007.	1.6	27
49	A Tricyclic Hexaphosphane. <i>Chemistry - A European Journal</i> , 2015, 21, 18543-18546.	1.7	10
50	Lowâ€“Temperature Isolation of the Bicyclic Phosphinophosphonium Salt [Mes* ₂ P ₄ Cl][GaCl ₄]. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6926-6930.	7.2	36
51	Tetracyanido(difluorido)phosphates M ⁺ [PF ₂ (CN) ₄] ⁻ . <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4474-4477.	7.2	17
52	Dimers and Trimers of Diphosphenes: A Wealth of Cycloâ€“Phosphanes. <i>Chemistry - A European Journal</i> , 2014, 20, 12607-12615.	1.7	25
53	An Unprecedented Cluster Unit in (BMIm) ₂ [Hf ₉ Cl ₁₄ H ₈ (AlCl ₄) ₆]. <i>European Journal of Inorganic Chemistry</i> , 0, , .	1.0	0
54	A Persistent Phosphanylâ€“Substituted Thioketyl Radical Anion. <i>Angewandte Chemie</i> , 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