

Alexander Hinz

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Accessing Cationic σ -Silylated and σ -Germylated Phosphorus Ylides. Chemistry - A European Journal, 2022, 28, .	3.3	5
2	Cyclopenta-fused polyaromatic hydrocarbons: synthesis and characterisation of a stable, carbon-centred helical radical. Organic and Biomolecular Chemistry, 2022, 20, 2873-2880.	2.8	10
3	Rare-earth metal complexes with redox-active formazanate ligands. Dalton Transactions, 2022, 51, 5218-5226.	3.3	4
4	Forging a Cage into a Chain: Stepwise Transformation of P_4 by Silylenes to a Si_3P_4 Motif. CCS Chemistry, 2022, 4, 1843-1849.	7.8	4
5	Stable bidentate silylene adducts of alkaline earth amides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	1.2	1
6	On New Staudinger Type Reactions of Phosphorus Centered Biradicaloids, $[P(\frac{1}{4}NR)]_2$ (R = Ter, Hyp), with Ionic and Covalent Azides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 245-257.	1.2	2
7	Tetravalent Group 14 Derivatives of a Bulky Aminocarbazole. European Journal of Inorganic Chemistry, 2021, 2021, 658-663.	2.0	1
8	Metalloradical Cations and Dications Based on Divinyldiphosphene and Divinyldiarsene Ligands. Chemistry - A European Journal, 2021, 27, 5803-5809.	3.3	12
9	Towards Heteroleptic Dicoordinate Cu II Complexes. Chemistry - A European Journal, 2021, 27, 7998-8002.	3.3	5
10	Attempted reduction of a carbazolyl-diiodoalane. Chemical Communications, 2021, 57, 12532-12535.	4.1	22
11	Isolation of singlet carbene derived 2-phospha-1,3-butadienes and their sequential one-electron oxidation to radical cations and dications. Chemical Science, 2020, 11, 1975-1984.	7.4	19
12	A Mono-substituted Silicon(II) Cation: A Crystalline σ -Supersilylene. Angewandte Chemie - International Edition, 2020, 59, 19065-19069.	13.8	29
13	Ein einfach koordiniertes Silizium(II)-Kation: Ein kristallines σ -Supersilylen. Angewandte Chemie, 2020, 132, 19227-19231.	2.0	5
14	Isolation of singlet carbene derived 2-arsa-1,3-butadiene radical cations and dications. Chemical Communications, 2020, 56, 3575-3578.	4.1	14
15	Photoelectron Spectroscopy and Theoretical Studies of $PCSe^{\bullet\bullet}$, $AsCS^{\bullet\bullet}$, $AsCSe^{\bullet\bullet}$, and $NCS_e^{\bullet\bullet}$: Insights into the Electronic Structures of the Whole Family of $ECX^{\bullet\bullet}$ Anions (E=N, P, As; X=O, S, Se). Angewandte Chemie, 2019, 131, 15206-15212.	2.0	3
16	Photoelectron Spectroscopy and Theoretical Studies of $PCSe^{\bullet\bullet}$, $AsCS^{\bullet\bullet}$, $AsCSe^{\bullet\bullet}$, and $NCS_e^{\bullet\bullet}$: Insights into the Electronic Structures of the Whole Family of $ECX^{\bullet\bullet}$ Anions (E=N, P, As; X=O, S, Se). Angewandte Chemie - International Edition, 2019, 58, 15062-15068.	13.8	13
17	Oxidative Coupling of Terminal Rhenium Pnictide Complexes. Angewandte Chemie, 2019, 131, 11082-11086.	2.0	13
18	Diphosphene radical cations and dications with a π -conjugated $C_2P_2C_2$ -framework. Chemical Communications, 2019, 55, 10408-10411.	4.1	36

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19	Crystalline Divinyldiarsene Radical Cations and Dications. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17599-17603.	13.8	31
20	Crystalline Divinyldiarsene Radical Cations and Dications. <i>Angewandte Chemie</i> , 2019, 131, 17763-17767.	2.0	6
21	Metastable phosphorus neutral monoradical: a key intermediate in the bicyclic cage formation. <i>Dalton Transactions</i> , 2019, 48, 2549-2553.	3.3	13
22	Oxidative Coupling of Terminal Rhenium Pnictide Complexes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10966-10970.	13.8	31
23	Synthesis and Thermal Decomposition of Heavy Tetrylenes Bearing N-aminocarbazolyl Substituents. <i>Chemistry - A European Journal</i> , 2019, 25, 7843-7846.	3.3	16
24	Increasing steric demand through flexible bulk primary phosphanes with 2,6-bis(benzhydryl)phenyl backbones. <i>Dalton Transactions</i> , 2019, 48, 3786-3794.	3.3	11
25	Pseudo-coordinate Tetrylenium Salts Bearing a Bulky Carbazolyl Substituent. <i>Chemistry - A European Journal</i> , 2019, 25, 3267-3271.	3.3	29
26	An Isolable Phosphaethynoloborane and Its Reactivity. <i>Angewandte Chemie</i> , 2018, 130, 2210-2215.	2.0	33
27	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.	2.0	9
28	Limitations of Steric Bulk: Towards Phosphaergermynes and Phosphaestannynes. <i>Chemistry - A European Journal</i> , 2018, 24, 7358-7363.	3.3	28
29	Biradicaloid and Zwitterion Reactivity of Dicarbondiphosphide Stabilized with N-heterocyclic Carbenes. <i>Chemistry - A European Journal</i> , 2018, 24, 4849-4855.	3.3	25
30	$L_3C_3P_3$: Tricarbontriphosphide Tricyclic Radicals and Cations Stabilized by Cyclic (alkyl)(amino)carbenes. <i>Angewandte Chemie</i> , 2018, 130, 204-208.	2.0	22
31	An Isolable Phosphaethynoloborane and Its Reactivity. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2188-2193.	13.8	57
32	Intercepting a Transient Phosphinoarsinidene. <i>Chemistry - A European Journal</i> , 2018, 24, 9514-9519.	3.3	31
33	Synthese und Reaktivität von Nickelstabilisierten $\frac{1}{4}I_2:I_2, I_2:I_2$ - P_2 -As ₂ -und PAs-Einheiten. <i>Angewandte Chemie</i> , 2018, 130, 439-444.	2.0	33
34	$L_3C_3P_3$: Tricarbontriphosphide Tricyclic Radicals and Cations Stabilized by Cyclic (alkyl)(amino)carbenes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 198-202.	13.8	42
35	Synthesis and Reactivity of Nickelstabilised $\frac{1}{4}I_2:I_2, I_2:I_2$ - P_2 , As ₂ and PAs Units. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 431-436.	13.8	63
36	Square Planar Coordination of Silver in a I_4 -Cyclobutadiene(I_5 -C ₅ H ₅)ReBr ₂ Complex Framework. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1268-1273.		2

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37	A General Synthesis of Phosphorus- and Arsenic-Containing Analogues of the Thio- and Seleno-cyanate Anions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8230-8234.	13.8	28
38	A General Synthesis of Phosphorus- and Arsenic-Containing Analogues of the Thio- and Seleno-cyanate Anions. <i>Angewandte Chemie</i> , 2018, 130, 8362-8366.	2.0	16
39	The heterocubane [TerSnAs] ₄ . <i>Dalton Transactions</i> , 2018, 47, 8879-8883.	3.3	21
40	Ein anionisches Aluminium-Nukleophil. <i>Angewandte Chemie</i> , 2018, 130, 8954-8956.	2.0	3
41	An Anionic Aluminium Nucleophile. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8818-8820.	13.8	9
42	HPCO-A Phosphorus-Containing Analogue of Isocyanic Acid. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3911-3915.	13.8	56
43	HPCO-A Phosphorus-Containing Analogue of Isocyanic Acid. <i>Angewandte Chemie</i> , 2017, 129, 3969-3973.	2.0	26
44	N-Heterocyclic carbene-stabilised arsinidene (AsH). <i>Chemical Communications</i> , 2017, 53, 6069-6072.	4.1	61
45	Synthesis, Properties, and Structures of Low-Melting Tetraisocyanatocobaltate(II)-Based Ionic Liquids. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 885-893.	2.0	7
46	On the Borderline Between Discrete Complex Ions and Extended Structures: An Unprecedented Large Undecanuclear Azidocuprate(II) Anion in Crystals of (PPN) ₂ [Cu ₁₁ (N ₃) ₂₄ (C ₂ H ₅ OH) ₂]. <i>ChemistrySelect</i> , 2017, 2, 9654-9657.	1.5	7
47	Dichloro-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.	3.3	8
48	Synthesis of a Silylated Phosphorus Biradicaloid and Its Utilization in the Activation of Small Molecules. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3611-3619.	2.0	22
49	Minimalistic Ditopic Ligands: An I±, N± Donor Substituted Alkyne as Effective Intermetallic Conjugation Linker. <i>Chemistry - A European Journal</i> , 2016, 22, 11191-11195.	3.3	10
50	Eine monoanionische Arsenid-Quelle: Decarbonylierung des 2-Arsaethinolat-Anions bei der Reaktion mit Stannylenen. <i>Angewandte Chemie</i> , 2016, 128, 15741-15746.	2.0	23
51	On the behaviour of biradicaloid [P(¼-NTer)] ₂ towards Lewis acids and bases. <i>Chemical Communications</i> , 2016, 52, 6328-6331.	4.1	30
52	Frontispiece: The 2-Arsaethynolate Anion: Synthesis and Reactivity Towards Heteroallenes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, .	13.8	1
53	Metal-Free Activation of Hydrogen, Carbon Dioxide, and Ammonia by the Open-Shell Singlet Biradicaloid [P(¼-NTer)] ₂ . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12214-12218.	13.8	57
54	Frontispiz: The 2-Arsaethynolate Anion: Synthesis and Reactivity Towards Heteroallenes. <i>Angewandte Chemie</i> , 2016, 128, .	2.0	0

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55	Synthesis of a Molecule with Four Different Adjacent Pnictogens. <i>Chemistry - A European Journal</i> , 2016, 22, 12266-12269.	3.3	13
56	A Monoanionic Arsenide Source: Decarbonylation of the 2- <i>Ar</i> saethynolate Anion upon Reaction with Bulky Stannylenes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15515-15519.	13.8	46
57	Metallfreie Aktivierung von Wasserstoff, Kohlenstoffdioxid und Ammoniak durch das offenschalige Singulett- <i>Biradikaloid</i> [P($\frac{1}{4}$ -N <i>Ter</i>)] ₂ . <i>Angewandte Chemie</i> , 2016, 128, 12402-12406.	2.0	25
58	The 2- <i>Ar</i> saethynolate Anion: Synthesis and Reactivity Towards Heteroallenes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8536-8541.	13.8	77
59	The 2- <i>Ar</i> saethynolate Anion: Synthesis and Reactivity Towards Heteroallenes. <i>Angewandte Chemie</i> , 2016, 128, 8678-8683.	2.0	43
60	Synthesis of Heavy Cyclodipnictadiphosphanes [ClE($\frac{1}{4}$ -P- <i>Ter</i>)] ₂ [E = P, As, Sb, or Bi; <i>Ter</i> = 2,6-bis(2,4,6-trimethylphenyl)phenyl]. <i>Inorganic Chemistry</i> , 2016, 55, 3692-3699.	4.0	24
61	Activation of small molecules by biradicaloids. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 578-581.	1.6	10
62	Zwitterionic and biradicaloid heteroatomic cyclopentane derivatives containing different group 15 elements. <i>Chemical Science</i> , 2016, 7, 745-751.	7.4	18
63	Reduction of dichloro(diaza-phospha)stibanes – isolation of a donor-stabilized distibonium dication. <i>Dalton Transactions</i> , 2016, 45, 6044-6052.	3.3	24
64	A Mixed Arsenic-Phosphorus Centered Biradicaloid. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 668-672.	13.8	34
65	A New Mixed-Valent Copper Cyanido Complex and a New Copper(II) Acetato Complex, Prepared with an Ionic Liquid. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1347-1351.	1.2	4
66	Stabile Heterocyclopentane-1,3-diyls. <i>Angewandte Chemie</i> , 2015, 127, 2815-2819.	2.0	20
67	Cyclic Group 15 Radical Cations. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7426-7430.	13.8	66
68	Accessing heavy allyl-analogous [(<i>Ter</i> N) ₂ E] ⁺ (E = Sb, Bi) ions and their reactivity towards ECl ₃ . <i>Chemical Communications</i> , 2015, 51, 11437-11440.	4.1	14
69	Synthesis and structure of tritylium salts. <i>Structural Chemistry</i> , 2015, 26, 1641-1650.	2.0	22
70	Stable Heterocyclopentane-1,3-diyls. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2776-2779.	13.8	93
71	Tunable Cyclopentane-1,3-diyls Generated by Insertion of Isonitriles into Diphosphadiazanediyls. <i>Journal of the American Chemical Society</i> , 2015, 137, 9953-9962.	13.7	47
72	Spontaneous Formation of an η -4-Ethylene Bis(carbene) Ligand by Alkyne Coupling at Rhenium(III). <i>Organometallics</i> , 2015, 34, 1091-1097.	2.3	7

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73	Cyclo-Pnicta-triazanes: Biradicaloids or Zwitterions?. Journal of the American Chemical Society, 2015, 137, 3975-3980.	13.7	57
74	P π -f-bond activation by gold(σ) coordination. Chemical Communications, 2015, 51, 1363-1366.	4.1	13
75	New P π ;N Cage Compounds Generated by Small Molecule Activation. Chemistry - A European Journal, 2014, 20, 3913-3916.	3.3	25
76	Activation of Small Molecules by Phosphorus Biradicaloids. Chemistry - A European Journal, 2014, 20, 14659-14673.	3.3	79
77	A New Class of Azadipnictiridines Generated by an Unusual Rearrangement Reaction. Inorganic Chemistry, 2014, 53, 11682-11690.	4.0	20
78	Salts with the [NiBr ₃ (L)] ⁻ complex anion (L=1-methylimidazole, 1-methylbenzimidazole, quinoline, and 1,2,4-triazole). Dalton Transactions, 2014, 2014, 11414-11424.	2.2	14
79	Functionalized Carbazolyl Hydroxyl and Allylsilanes. European Journal of Inorganic Chemistry, 2014, 2014, 11414-11424.	2.0	0
80	Synthesis of aryl cobalt and iron complexes and their catalytic activity on hydrosilylation of alkenes. New Journal of Chemistry, 2014, 2014, 11414-11424.	2.8	9
81	Complexes of 3d Metals with a Bulky Carbazolyl Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 2014, 11414-11424.	1.2	1