Alexander Hinz

List of Publications by Year
in descending order

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81	1,945	236925 25	302126 39
papers	citations	h-index	g-index

87	87	87	878
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stable Heterocyclopentaneâ€1,3â€diyls. Angewandte Chemie - International Edition, 2015, 54, 2776-2779.	13.8	93
2	Activation of Small Molecules by Phosphorus Biradicaloids. Chemistry - A European Journal, 2014, 20, 14659-14673.	3.3	79
3	The 2â€Arsaethynolate Anion: Synthesis and Reactivity Towards Heteroallenes. Angewandte Chemie - International Edition, 2016, 55, 8536-8541.	13.8	77
4	Cyclic Group 15 Radical Cations. Angewandte Chemie - International Edition, 2015, 54, 7426-7430.	13.8	66
5	Synthesis and Reactivity of Nickelâ€Stabilised Î¼²:Î·²,Î·²â€P₂, As₂ and PAs Units. Angewandte Chemie - International Edition, 2018, 57, 431-436.	13.8	63
6	N-Heterocyclic carbene-stabilised arsinidene (AsH). Chemical Communications, 2017, 53, 6069-6072.	4.1	61
7	Cyclo-Pnicta-triazanes: Biradicaloids or Zwitterions?. Journal of the American Chemical Society, 2015, 137, 3975-3980.	13.7	57
8	Metalâ€Free Activation of Hydrogen, Carbon Dioxide, and Ammonia by the Openâ€Shell Singlet Biradicaloid [P(Î¼â€NTer)]₂. Angewandte Chemie - International Edition, 2016, 55, 12214-12218.	13.8	57
9	An Isolable Phosphaethynolatoborane and Its Reactivity. Angewandte Chemie - International Edition, 2018, 57, 2188-2193.	13.8	57
10	HPCOâ€”A Phosphorusâ€Containing Analogue of Isocyanic Acid. Angewandte Chemie - International Edition, 2017, 56, 3911-3915.	13.8	56
11	Tunable Cyclopentane-1,3-diyls Generated by Insertion of Isonitriles into Diphosphadiazanediyls. Journal of the American Chemical Society, 2015, 137, 9953-9962.	13.7	47
12	A Monoanionic Arsenide Source: Decarbonylation of the 2â€Arsaethynolate Anion upon Reaction with Bulky Stannylenes. Angewandte Chemie - International Edition, 2016, 55, 15515-15519.	13.8	46
13	The 2â€Arsaethynolate Anion: Synthesis and Reactivity Towards Heteroallenes. Angewandte Chemie, 2016, 128, 8678-8683.	2.0	43
14	L₃C₃P₃: Tricarbontriphosphide Tricyclic Radicals and Cations Stabilized by Cyclic (alkyl)(amino)carbenes. Angewandte Chemie - International Edition, 2018, 57, 198-202.	13.8	42
15	Diphosphene radical cations and dications with a Ï€-conjugated C₂P₂C₂-framework. Chemical Communications, 2019, 55, 10408-10411.	4.1	36
16	A Mixed Arsenicâ€“Phosphorus Centered Biradicaloid. Angewandte Chemie - International Edition, 2015, 54, 668-672.	13.8	34
17	An Isolable Phosphaethynolatoborane and Its Reactivity. Angewandte Chemie, 2018, 130, 2210-2215.	2.0	33
18	Synthese und ReaktivitÃt von Nickelâ€stabilisierten Î¼²:Î·²,Î·²â€P₂â€, As₂â€und PAsâ€Einheiten. Angewandte Chemie, 2018, 130, 439-444.	2.0	33

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19	Intercepting a Transient Phosphinoâ€Arsinidene. Chemistry - A European Journal, 2018, 24, 9514-9519.	3.3	31
20	Crystalline Divinyldiarsene Radical Cations and Dications. Angewandte Chemie - International Edition, 2019, 58, 17599-17603.	13.8	31
21	Oxidative Coupling of Terminal Rhenium Pnictide Complexes. Angewandte Chemie - International Edition, 2019, 58, 10966-10970.	13.8	31
22	On the behaviour of biradicaloid [P(Î¼-NTer)]₂ towards Lewis acids and bases. Chemical Communications, 2016, 52, 6328-6331.	4.1	30
23	Pseudoâ€Oneâ€Coordinate Tetrylenium Salts Bearing a Bulky Carbazolyl Substituent. Chemistry - A European Journal, 2019, 25, 3267-3271.	3.3	29
24	A Monoâ€Substituted Silicon(II) Cation: A Crystalline â€œSupersilyleneâ€• Angewandte Chemie - International Edition, 2020, 59, 19065-19069.	13.8	29
25	Limitations of Steric Bulk: Towards Phosphaâ€germynes and Phosphaâ€stannynes. Chemistry - A European Journal, 2018, 24, 7358-7363.	3.3	28
26	A General Synthesis of Phosphorusâ€•and Arsenicâ€Containing Analogues of the Thioâ€•and Selenoâ€cyanate Anions. Angewandte Chemie - International Edition, 2018, 57, 8230-8234.	13.8	28
27	HPCOâ€”A Phosphorusâ€Containing Analogue of Isocyanic Acid. Angewandte Chemie, 2017, 129, 3969-3973.	2.0	26
28	New Pï£¿N Cage Compounds Generated by Smallâ€Molecule Activation. Chemistry - A European Journal, 2014, 20, 3913-3916.	3.3	25
29	Metallfreie Aktivierung von Wasserstoff, Kohlenstoffdioxid und Ammoniak durch das offenschalige Singulettâ€Biradikaloid [P(Î¼â€NTer)]₂. Angewandte Chemie, 2016, 128, 12402-12406.	2.0	25
30	Biradicaloid and Zwitterion Reactivity of Dicarbondiphosphide Stabilized with Nâ€Heterocyclic Carbenes. Chemistry - A European Journal, 2018, 24, 4849-4855.	3.3	25
31	Synthesis of Heavy Cyclodipnictadiphosphanes [ClE(Î¼-P-Ter)]₂ [E = P, As, Sb, or Bi; Ter = 2,6-bis(2,4,6-trimethylphenyl)phenyl]. Inorganic Chemistry, 2016, 55, 3692-3699.	4.0	24
32	Reduction of dichloro(diaza-phospha)stibanes â€“ isolation of a donor-stabilized distibenium dication. Dalton Transactions, 2016, 45, 6044-6052.	3.3	24
33	Eine monoanionische Arsenidâ€Quelle: Decarbonylierung des 2â€Arsaethinolatâ€Anions bei der Reaktion mit Stannylenen. Angewandte Chemie, 2016, 128, 15741-15746.	2.0	23
34	Synthesis and structure of tritylium salts. Structural Chemistry, 2015, 26, 1641-1650.	2.0	22
35	Synthesis of a Silylated Phosphorus Biradicaloid and Its Utilization in the Activation of Small Molecules. European Journal of Inorganic Chemistry, 2016, 2016, 3611-3619.	2.0	22
36	L₃C₃P₃: Tricarbontriphosphide Tricyclic Radicals and Cations Stabilized by Cyclic (alkyl)(amino)carbenes. Angewandte Chemie, 2018, 130, 204-208.	2.0	22

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37	Attempted reduction of a carbazolyl-diiodoalane. Chemical Communications, 2021, 57, 12532-12535.	4.1	22
38	The heterocubane [TerSnAs]₄. Dalton Transactions, 2018, 47, 8879-8883.	3.3	21
39	A New Class of Azadipnictiridines Generated by an Unusual Rearrangement Reaction. Inorganic Chemistry, 2014, 53, 11682-11690.	4.0	20
40	Stabile Heterocyclopentanâ€1,3â€diyle. Angewandte Chemie, 2015, 127, 2815-2819.	2.0	20
41	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
42	Zwitterionic and biradicaloid heteroatomic cyclopentane derivatives containing different group 15 elements. Chemical Science, 2016, 7, 745-751.	7.4	18
43	A General Synthesis of Phosphorusâ€and Arsenicâ€Containing Analogues of the Thioâ€and Selenoâ€cyanate Anions. Angewandte Chemie, 2018, 130, 8362-8366.	2.0	16
44	Synthesis and Thermal Decomposition of Heavy Tetrylenes Bearing N â€Aminocarbazolyl Substituents. Chemistry - A European Journal, 2019, 25, 7843-7846.	3.3	16
45	Salts with the [NiBr3(L)]â^' complex anion (L=1-methylimidazole, 1-methylbenzimidazole, quinoline, and) Tj ETQq1 1 0.784314 rgBT /Ov	2.2	14
46	Accessing heavy allyl-analogous [(TerN)₂E]^{â^'} (E = Sb, Bi) ions and their reactivity towards ECl₃. Chemical Communications, 2015, 51, 11437-11440.	4.1	14
47	Isolation of singlet carbene derived 2-arsa-1,3-butadiene radical cations and dications. Chemical Communications, 2020, 56, 3575-3578.	4.1	14
48	Pâ€“P Ïƒ-bond activation by gold(<scp>I</scp>) coordination. Chemical Communications, 2015, 51, 1363-1366.	4.1	13
49	Synthesis of a Molecule with Four Different Adjacent Pnictogens. Chemistry - A European Journal, 2016, 22, 12266-12269.	3.3	13
50	Photoelectron Spectroscopy and Theoretical Studies of PCSe â^' , AsCS â^' , AsCSe â^' , and NCSe â^' : Insights into the Electronic Structures of the Whole Family of ECX â^' Anions (E=N, P, As; X=O, S, Se). Angewandte Chemie - International Edition, 2019, 58, 15062-15068.	13.8	13
51	Oxidative Coupling of Terminal Rhenium Pnictide Complexes. Angewandte Chemie, 2019, 131, 11082-11086.	2.0	13
52	Metastable phosphorus neutral monoradical: a key intermediate in the bicyclic cage formation. Dalton Transactions, 2019, 48, 2549-2553.	3.3	13
53	Metalloradical Cations and Dications Based on Divinyldiphosphene and Divinyldiarsene Ligands. Chemistry - A European Journal, 2021, 27, 5803-5809.	3.3	12
54	Increasing steric demand through flexible bulk â€“ primary phosphanes with 2,6-bis(benzhydryl)phenyl backbones. Dalton Transactions, 2019, 48, 3786-3794.	3.3	11

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55	Minimalistic Ditopic Ligands: An Î±â€Š,Nâ€Donorâ€Substituted Alkyne as Effective Intermetallic Conjugation Linker. Chemistry - A European Journal, 2016, 22, 11191-11195.	3.3	10
56	Activation of small molecules by biradicaloids. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 578-581.	1.6	10
57	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
58	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.	2.0	9
59	An Anionic Aluminium Nucleophile. Angewandte Chemie - International Edition, 2018, 57, 8818-8820.	13.8	9
60	Synthesis of aryl cobalt and iron complexes and their catalytic activity on hydrosilylation of alkenes. New Journal of Chemistry, 0, , .	2.8	9
61	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.	3.3	8
62	Spontaneous Formation of an Î·4-Ethylene Bis(carbene) Ligand by Alkyne Coupling at Rhenium(III). Organometallics, 2015, 34, 1091-1097.	2.3	7
63	Synthesis, Properties, and Structures of Low-Melting Tetraisocyanatocobaltate(II)-Based Ionic Liquids. European Journal of Inorganic Chemistry, 2017, 2017, 885-893.	2.0	7
64	Crystalline Divinyldiarsene Radical Cations and Dications. Angewandte Chemie, 2019, 131, 17763-17767.	2.0	6
65	Ein einfach koordiniertes Silizium(II)â€Kation: Ein kristallines â€œSupersilylenâ€. Angewandte Chemie, 2020, 132, 19227-19231.	2.0	5
66	Towards Heteroleptic Dicoordinate Cu II Complexes. Chemistry - A European Journal, 2021, 27, 7998-8002.	3.3	5
67	Accessing Cationic Î±â€Silylated and Î±â€Germylated Phosphorus Ylides. Chemistry - A European Journal, 2022, 28, .	3.3	5
68	A New Mixedâ€Valent Copper Cyanido Complex and a New Copper(II) Acetato Complex, Prepared with an Ionic Liquid. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1347-1351.	1.2	4
69	Rare-earth metal complexes with redox-active formazanate ligands. Dalton Transactions, 2022, 51, 5218-5226.	3.3	4
70	Forging a Cage into a Chain: Stepwise Transformation of P ₄ by Silylenes to a Si ₃ P ₄ Motif. CCS Chemistry, 2022, 4, 1843-1849.	7.8	4
71	Ein anionisches Aluminiumâ€Nukleophil. Angewandte Chemie, 2018, 130, 8954-8956.	2.0	3
72	Photoelectron Spectroscopy and Theoretical Studies of PCSe â^’ , AsCS â^’ , AsCSe â^’ , and NCSe â^’ : Insights into the Electronic Structures of the Whole Family of ECX â^’ Anions (E=N, P, As; X=O, S, Se). Angewandte Chemie, 2019, 131, 15206-15212.	2.0	3

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73	On the Borderline Between Discrete Complex Ions and Extended Structures: An Unprecedented Large Undecanuclear Azidocuprate(II) Anion in Crystals of (PPN)₂[Cu₁₁(N₃)₂₄(C₂H₅OH)₂]. ChemistrySelect, 2017, 2, 9654-9657.	1.5	2
74	Square Planar Coordination of Silver in a Î·⁴â€Cyclobutadieneâ€(Î·⁵â€C₅H₅)ReBr₂ Complex Framework. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1268-1273.	1.2	2
75	On New Staudinger Type Reactions of Phosphorus Centered Biradicaloids, [P(Î¼â€NR)] 2 (R = Ter, Hyp), with Ionic and Covalent Azides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 245-257.	1.2	2
76	Frontispiece: The 2-Arsaethynolate Anion: Synthesis and Reactivity Towards Heteroallenes. Angewandte Chemie - International Edition, 2016, 55, .	13.8	1
77	Tetravalent Group 14 Derivatives of a Bulky Aminocarbazole. European Journal of Inorganic Chemistry, 2021, 2021, 658-663.	2.0	1
78	Stable bidentate silylene adducts of alkalineâ€earth amides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	1.2	1
79	Complexes of 3d Metals with a Bulky Carbazolyl Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	1.2	1
80	Frontispiz: The 2-Arsaethynolate Anion: Synthesis and Reactivity Towards Heteroallenes. Angewandte Chemie, 2016, 128, .	2.0	0
81	Functionalized Carbazolyl Hydroâ€and Allylâ€Silanes. European Journal of Inorganic Chemistry, 0, , .	2.0	0