Rainer K Streubel

List of Publications by Year
in descending order

158 papers	2,932 citations	172457 29 h-index	289244 40 g-index
164 all docs	164 docs citations	164 times ranked	831 citing authors

#	Article	IF	Citations
1	Synthesis of azadiphosphiridine complexes. Theoretical studies on ring formation, the P-to-Pâ€² metal shift and the resulting nitrogen geometry. Dalton Transactions, 2022, 51, 3275-3279.	3.3	2
2	1,3,2-Diheterophospholane complexes: access to new tuneable precursors of phosphanoxyl complexes and P-functional polymers. Dalton Transactions, 2022, , .	3.3	2
3	Reversible Redox Chemistry of Anionic Imidazole-2-thione-Fused 1,4-Dihydro-1,4-diphosphinines. Inorganic Chemistry, 2022, 61, 4639-4646.	4.0	5
4	On metal coordination of neutral open-shell P-ligands focusing on phosphanoxyls, their electron residence and reactivity. Chemical Communications, 2022, 58, 6270-6279.	4.1	3
5	Catalyst-free CO₂ hydrogenation with BH₃NH₃ in water: DFT mechanistic insights. Physical Chemistry Chemical Physics, 2022, 24, 14159-14164.	2.8	1
6	1,2Ïƒ3Î»3-Oxaphosphetanes and Their P-Chalcogenidesâ€"A Combined Experimental and Theoretical Study. Molecules, 2022, 27, 3345.	3.8	1
7	Catalytic Isomerization of Unprotected Mesoionic <i>N</i>â€Heterocyclic Olefins and Their Lewis Adducts. European Journal of Organic Chemistry, 2022, 2022, .	2.4	3
8	Regioselective N- versus P-Deprotonation of Aminophosphane Tungsten(0) Complexes. Organics, 2022, 3, 161-172.	1.3	0
9	A rigid anionic Janus bis(NHC) â€" new opportunities in NHC chemistry. Dalton Transactions, 2021, 50, 689-695.	3.3	5
10	A case study on the conversion of Li/Cl phosphinidenoid into phosphinidene complexes. Dalton Transactions, 2021, 50, 739-745.	3.3	9
11	New frontiers: 1,4-diphosphinines and P-bridged bis(NHCs). Dalton Transactions, 2021, 50, 9345-9366.	3.3	5
12	M/X Phosphinidenoid Metal Complex Chemistry. Accounts of Chemical Research, 2021, 54, 1754-1765.	15.6	12
13	Analysis of Nonâ€innocence of Phosphaquinodimethane Ligands when Charge and Aromaticity Come into Play. Chemistry - A European Journal, 2021, 27, 9350-9359.	3.3	4
14	Chemistry of oxaphosphirane complexes. Coordination Chemistry Reviews, 2021, 437, 213818.	18.8	3
15	Toward a 1,4-Diphosphinine-Based Molecular CPS-Ternary Compound. Inorganic Chemistry, 2021, 60, 13029-13040.	4.0	3
16	Azaphosphiridines: challenges and perspectives. Dalton Transactions, 2021, 50, 7324-7336.	3.3	1
17	Molecular 1,1â€²-bifunctional mixed-valence Pâ€"P compounds, enabled through metal complexation. Dalton Transactions, 2021, 50, 2131-2137.	3.3	4
18	Synthesis of the First Oxaphosphirane Iron Complexes. European Journal of Inorganic Chemistry, 2021, 2021, 252-257.	2.0	4

#	ARTICLE	IF	CITATIONS
19	Between Oxirane and Phosphirane: The Springâ€loaded Oxaphosphirane Ring. European Journal of Inorganic Chemistry, 2021, 2021, 348-353.	2.0	11
20	A homonuclear Ï€-system with a singlet carbene-type Î± and a nucleophilic Î² phosphorus â€“ the first use in P-heterocyclic synthesis. Dalton Transactions, 2021, 50, 17892-17896.	3.3	2
21	P-Functionalized tetrathiafulvalenes from 1,3-dithiole-2-thiones?. New Journal of Chemistry, 2020, 44, 17122-17128.	2.8	6
22	Formation and properties of phosphaquinomethane tungsten(0) complexes â€“ isolation and conversion of primary radical coupling products. Dalton Transactions, 2020, 49, 13544-13548.	3.3	4
23	Terminal Phosphinidene Complex Adducts with Neutral and Anionic O-Donors and Halides and the Search for a Differentiating Bonding Descriptor. Inorganic Chemistry, 2020, 59, 12829-12841.	4.0	22
24	[4 + 2]-Cycloadditions of a thiazol-based tricyclic 1,4-diphosphinine and a new easy 1,4-diphosphinine protection deprotection strategy. Dalton Transactions, 2020, 49, 12776-12779.	3.3	6
25	A synthetic equivalent for unknown 1,3-zwitterions? â€“ A K/OR phosphinidenoid complex with an additional Siâ€“Cl function. Chemical Communications, 2020, 56, 3899-3902.	4.1	6
26	Synthesis and Oxidation Reactions of Thiazolâ€2â€thioneâ€fused 1,4â€Dihydroâ€1,4â€diphosphinines. ChemistrySelect, 2020, 5, 5959-5964.	1.5	5
27	1,2-Thiaphosphetanes: The Quest for Wittig-Type Ring Cleavage, Rearrangement, and Sulfur Atom Transfer. Inorganic Chemistry, 2020, 59, 3110-3117.	4.0	6
28	Janus bis(NHCs) tuned by heteroatom-bridge oxidation states. Chemical Communications, 2020, 56, 2646-2649.	4.1	9
29	Competitive or sequential reaction of an electrophilic terminal phosphinidene metal(0) complex with allyl halides? [2+1]-cycloaddition <i>vs.</i> Câ€“X bond insertion. Chemical Communications, 2019, 55, 9987-9990.	4.1	3
30	Access and unprecedented reaction pathways of Li/Cl phosphinidenoid iron(0) complexes. Dalton Transactions, 2019, 48, 339-345.	3.3	9
31	Synthesis of free and ligated 1,2-thiaphosphetanes â€“ expanding the pool of strained P-ligands. Chemical Communications, 2019, 55, 1615-1618.	4.1	6
32	7-Metalla-1,4-diphosphanorbornadienes: cycloaddition of monovalent group 13 NacNac complexes to a stable 1,4-diphosphinine. Dalton Transactions, 2019, 48, 8248-8253.	3.3	20
33	From Pâ€Functional Thiazolâ€2â€thione Derivatives to Phosphaalkenes. European Journal of Inorganic Chemistry, 2019, 2019, 1697-1705.	2.0	2
34	Phosphorus Special Issue in Honor of Koop Lammertsma and Edgar Niecke. European Journal of Inorganic Chemistry, 2019, 2019, 1437-1439.	2.0	0
35	Access to 1,1â€²â€Bifunctional Phosphane Iron(0) Complexes via Pâ€“N Bondâ€Forming Reactions and Selective Pâ€Functionalizations. European Journal of Inorganic Chemistry, 2019, 2019, 1604-1611.	2.0	5
36	Styrene Polymerization under Ambient Conditions by using a Transient 1,3,2â€Diazaphospholaneâ€2â€oxyl Complex. Chemistry - A European Journal, 2018, 24, 6473-6478.	3.3	8

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37	Epoxide-like Chemistry: 1,2-Bifunctional P-Ligands via Stereo- and Regioselective Ring Opening of an Oxaphosphirane Complex. Organometallics, 2018, 37, 1331-1336.	2.3	9
38	Synthesis, Substitution, and Oxidation of Imidazoleâ€2â€thione Based Tricyclic 1,4â€Dihydroâ€1,4â€diphosphinines. European Journal of Inorganic Chemistry, 2018, 2018, 904-916.	2.0	11
39	1,4-Additions of tricyclic 1,4-diphosphinines â€“ a novel system to study Ïƒ-bond activation and Ï€â€“Ï€ dispersion interactions. Chemical Communications, 2018, 54, 1182-1184.	4.1	17
40	â€œLow-coordinateâ€•1,2-oxaphosphetanes â€“ a new opportunity in coordination and main group chemistry. Chemical Communications, 2018, 54, 7123-7126.	4.1	16
41	Unconventional ionic ring-deconstruction pathways of a three-membered heterocycle. Chemical Communications, 2018, 54, 14013-14016.	4.1	5
42	Expanding the chemistry of ring-fused 1,4-diphosphinines by stable mono anion formation. Chemical Communications, 2018, 54, 13555-13558.	4.1	14
43	Quantum Chemical Calculations on CHOP Derivativesâ€”Spanning the Chemical Space of Phosphinidenes, Phosphaketenes, Oxaphosphirenes, and COPâˆ’ Isomers. Molecules, 2018, 23, 3341.	3.8	13
44	Formation and Reactivity of Transient Phosphanoxyl Manganese Complexes. Organometallics, 2018, 37, 3670-3677.	2.3	4
45	Effects of diminished steric protection at phosphorus on stability and reactivity of oxaphosphirane complexes. Dalton Transactions, 2018, 47, 9347-9354.	3.3	12
46	The Quest for Twofold Reductive Pâ€“C Bond Cleavage of <i>Pâ€“</i>Ph Substituted 1,4â€Dihydroâ€1,4â€diphosphinine Derivatives. European Journal of Inorganic Chemistry, 2018, 2018, 3778-3784.	2.0	9
47	Synthesis, Structure, and First Reactivity Studies of Functional (Phosphinoamino)boranes. European Journal of Inorganic Chemistry, 2017, 2017, 910-914.	2.0	2
48	Ring opening of a sterically crowded 1,2-oxaphosphetane complex. Dalton Transactions, 2017, 46, 2904-2909.	3.3	6
49	1,1â€²-Bifunctional Aminophosphane Complexes via Nâ€“H Bond Insertions of a Li/Cl Phosphinidenoid Complex and First Studies on N/P Mono Functionalizations. Organometallics, 2017, 36, 1488-1495.	2.3	8
50	Coordination of N₂ and Other Small Molecules to the Phosphorus Centre of RPW(CO)₅: A Theoretical Study on the Janus Facets of the Stabilization/Activation Problem. Chemistry - A European Journal, 2017, 23, 8632-8643.	3.3	11
51	1,4â€Diphosphinines from Imidazoleâ€2â€thiones. Angewandte Chemie - International Edition, 2017, 56, 9231-9235.	13.8	38
52	Ambiguous reactivity of Li/Cl phosphinidenoid complexes under redox conditions â€“ a novel dichotomy in phosphorus chemistry. Chemical Communications, 2017, 53, 933-936.	4.1	3
53	Acid-Induced Reactions of 1,2-Oxaphosphetane Complexes. Organometallics, 2017, 36, 3605-3612.	2.3	4
54	1,4â€Diphosphinine aus Imidazolâ€2â€thionen. Angewandte Chemie, 2017, 129, 9359-9363.	2.0	14

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55	A Computational Study on the Stability of Oxaphosphirane Rings towards Closed-Shell Valence Isomerization. European Journal of Inorganic Chemistry, 2017, 2017, 2707-2712.	2.0	6
56	Synthesis of <i>P</i>-CPh₃ Substituted Spirooxaphosphirane Complexes: Steric Effects Dominate the Product Formation. Organometallics, 2017, 36, 2952-2955.	2.3	2
57	Exploring the chemistry of backbone amino(chloro)phosphanyl-substituted imidazole-2-thiones. Dalton Transactions, 2017, 46, 10504-10514.	3.3	7
58	Chemistry of Thermally Generated Transient Phosphanoxyl Complexes. Organometallics, 2017, 36, 2877-2883.	2.3	10
59	Synthesis and Rearrangement of <i>P</i>â€Nitroxylâ€Substituted P^{III} and P^V Phosphanes: A Combined Experimental and Theoretical Case Study. Chemistry - A European Journal, 2016, 22, 10102-10110.	3.3	16
60	Strong Evidence of a Phosphanoxyl Complex: Formation, Bonding, and Reactivity of Ligated Phosphorus Analogues of Nitroxides. Angewandte Chemie - International Edition, 2016, 55, 14439-14443.	13.8	14
61	On Route to C⁴/C⁵ Pâ€Bifunctional 1,3â€Thiazoleâ€Based Carbenes. European Journal of Inorganic Chemistry, 2016, 2016, 5265-5270.	2.0	2
62	Coordination chemistry of a low-coordinate non-metal element: the case of electrophilic terminal phosphinidene complexes. Dalton Transactions, 2016, 45, 13951-13956.	3.3	10
63	Cycloaddition of Pâ"'C Single Bonds: Stereoselective Formation of Benzoâ€1,3,6,2â€trioxaphosphepine Complexes via a Ditopic van der Waals Complex. Angewandte Chemie - International Edition, 2016, 55, 12693-12697.	13.8	8
64	Thiaphosphiranes and Their Complexes: Systematic Study on Ring Strain and Ring Cleavage Reactions. Inorganic Chemistry, 2016, 55, 9611-9619.	4.0	19
65	Application of Imidazoleâ€2â€thione Substituents in Lowâ€Coordinate Phosphorus Chemistry â€" Probing the Scope. European Journal of Inorganic Chemistry, 2016, 2016, 3559-3573.	2.0	16
66	Synthesis of a monomolecular anionic FLP complex. Chemical Communications, 2016, 52, 13361-13364.	4.1	17
67	Starker Hinweis auf einen Phosphanoxylkomplex: Bildung, Bindung und ReaktivitÃt komplexgebundener Pâ€Analoga von Nitroxiden. Angewandte Chemie, 2016, 128, 14654-14658.	2.0	4
68	Synthesis and Deprotonation of Aminophosphane Complexes: First K/N(H)R Phosphinidenoid Complexes and Access to a Complex with a P₂Nâ€Ring Ligand. Chemistry - A European Journal, 2016, 22, 15413-15419.	3.3	13
69	A novel route to C-unsubstituted 1,2-oxaphosphetane and 1,2-oxaphospholane complexes. Chemical Communications, 2016, 52, 8593-8595.	4.1	13
70	Reactions of Li/Cl Phosphinidenoid Complexes with 1,3,4,5-Tetramethylimidazol-2-ylidene: A New Route to N-Heterocyclic Carbene Adducts of Terminal PhosphinÂidene Complexes and an Unprecedented Transformation of an Oxaphosphirane Complex. European Journal of Inorganic Chemistry, 2016, 2016, 685-690.	2.0	21
71	<i>C</i>-Trifluoromethyl-Substituted 1,2-Oxaphosphetane Complexes: Synthetic and Structural Study. Organometallics, 2016, 35, 563-568.	2.3	9
72	Synthesis and reactions of C-phosphanylated thiazol-2-thiones. Dalton Transactions, 2016, 45, 2955-2962.	3.3	7

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73	Rearrangement and deoxygenation of 3,3-bis(2-pyridyl)oxaphosphirane complexes. Dalton Transactions, 2016, 45, 2085-2094.	3.3	18
74	CPh₃ as a functional group in P-heterocyclic chemistry: elimination of HCPh₃ in the reaction of P-CPh₃ substituted Li/Cl phosphinidenoid complexes with Ph₂Cî€O. Dalton Transactions, 2016, 45, 2378-2385.	3.3	16
75	Stimuliâ€Responsive Frustrated Lewisâ€Pairâ€Type Reactivity of a Tungsten Iminoazaphosphiridine Complex. Chemistry - A European Journal, 2015, 21, 9650-9655.	3.3	20
76	Synthesis and Oxidative Desulfurization of PV-Functionalized Imidazole-2-thiones: Easy Access to P-Functional Ionic Liquids. Australian Journal of Chemistry, 2015, 68, 1282.	0.9	10
77	Unprecedented Ringâ€“Ring Interconversion of N,P,Câ€Cage Ligands. Chemistry - A European Journal, 2015, 21, 3727-3735.	3.3	17
78	Surprising behaviour of Mâ€“CO(lone pair)â‹¯Ï€(arene) interactions in the solid state of fluorinated oxaphosphirane complexes. CrystEngComm, 2015, 17, 1769-1772.	2.6	26
79	Formation of Transient and Stable 1,3-Dipole Complexes with P,S,C and S,P,C Ligand Skeletons. Organometallics, 2015, 34, 3103-3106.	2.3	15
80	Going for strain: synthesis of the first 3-imino-azaphosphiridine complexes and their conversion into oxaphosphirane complex valence isomers. Chemical Communications, 2015, 51, 3878-3881.	4.1	17
81	Evidence for Terminal Phosphinidene Oxide Complexes in O,P,C-Cage Complex Formation: Rearrangement of Oxaphosphirane Complexes. Organometallics, 2015, 34, 2676-2682.	2.3	16
82	Zwitterionic carbene adducts and their carbene isomers. RSC Advances, 2015, 5, 41795-41802.	3.6	22
83	The 3-Acetyloxaphosphirane/1,3,2-Dioxaphosphol-4-ene Rearrangement. European Journal of Inorganic Chemistry, 2014, 2014, 1727-1734.	2.0	11
84	Theoretical Study on Novel Mixed Valence, Pâ€H Functional Pâ€Ligands, and Their Tautomerization. Heteroatom Chemistry, 2014, 25, 651-657.	0.7	3
85	A Novel N,P,C Cage Complex Formed by Rearrangement of a Tricyclic Phosphirane Complex: On the Importance of Nonâ€covalent Interactions. Chemistry - A European Journal, 2014, 20, 7010-7016.	3.3	19
86	Synthesis and Reaction of the First 1,2â€Oxaphosphetane Complexes. Angewandte Chemie - International Edition, 2014, 53, 10809-10812.	13.8	22
87	Synthesis of Li/OR phosphinidenoid complexes: on the evidence for intramolecular Oâ€“Li donation and the effect of cation encapsulation. Dalton Transactions, 2014, 43, 2088-2097.	3.3	18
88	From bis(imidazole-2-thion-4-yl)phosphane to a flexible P-bridged bis(NHC) ligand and its silver complex. Dalton Transactions, 2014, 43, 16673-16679.	3.3	14
89	Selective phosphanyl complex trapping using TEMPO. Synthesis and reactivity of P-functional P-nitroxyl phosphane complexes. Chemical Communications, 2014, 50, 12508-12511.	4.1	13
90	Electronic structure predictions of the properties of non-innocent P-ligands in group 6B transition metal complexes. Dalton Transactions, 2014, 43, 2069-2078.	3.3	9

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91	Monoâ€•and Heteroâ€Ðinuclear Complexes of Janusâ€Head NHC Ligands Possessing Backbone Phosphinoyl Groups: the Case of Soft and Hard Metal Centers. European Journal of Inorganic Chemistry, 2014, 2014, 4975-4983.	2.0	16
92	Oxaphosphirane-Borane Complexes: Ring Strain and Migratory Insertion/Ring-Opening Reactions. Inorganic Chemistry, 2014, 53, 6132-6140.	4.0	25
93	Synthesis and first complexes of C4/5 P-bifunctional imidazole-2-thiones. Dalton Transactions, 2013, 42, 13126.	3.3	22
94	Reaction of Li/Cl phosphinidenoid complexes with a phosphite substituted ketone: access to complexes with a novel mixed-valence polycyclic P,C-ligand system. Dalton Transactions, 2013, 42, 10510.	3.3	7
95	Synthesis and DFT calculations of spirooxaphosphirane complexes. Dalton Transactions, 2013, 42, 8897.	3.3	26
96	Coordination of CO to low-valent phosphorus centres and other related Pâ€"C bonding situations. A theoretical case study. Chemical Science, 2013, 4, 4309.	7.4	27
97	Synthesis of an Imidazolium Phosphanide Zwitterion and Its Conversion into Anionic Imidazolâ€2â€ylidene Derivatives. Angewandte Chemie - International Edition, 2013, 52, 10080-10083.	13.8	39
98	The azaphosphiridine to terminal phosphinidene complex rearrangement â€" looking for non-covalent interactions of a highly reactive species. Chemical Communications, 2013, 49, 9648.	4.1	27
99	A New Route to Phosphaalkene Chelate Complexes: SET Deoxygenation of Oxaphosphirane Complexes Followed by Intramolecular CO Substitution. Organometallics, 2013, 32, 4938-4943.	2.3	21
100	Li/X Phosphinidenoid Pentacarbonylmetal Complexes: A Combined Experimental and Theoretical Study on Structures and Spectroscopic Properties. Inorganic Chemistry, 2013, 52, 3313-3325.	4.0	22
101	Synthesis and Reactions of the First Room Temperature Stable Li/Cl Phosphinidenoid Complex. Inorganic Chemistry, 2012, 51, 12343-12349.	4.0	47
102	New Aspects of 1,3â€Ðiphosphacyclobutaneâ€2,4â€diyls. Helvetica Chimica Acta, 2012, 95, 1723-1729.	1.6	20
103	Reactivity of terminal phosphinidene versus Liâ€"Cl phosphinidenoid complexes in cycloaddition chemistry. Chemical Communications, 2012, 48, 5986.	4.1	27
104	Deoxygenation of carbon dioxide by electrophilic terminal phosphinidene complexes. Chemical Science, 2012, 3, 3526.	7.4	25
105	Synthesis, structure and reactivity of 4-phosphanylated 1,3-dialkyl-imidazole-2-thiones. Dalton Transactions, 2012, 41, 5368.	3.3	39
106	SET Oxidation of Li/X Phosphinidenoid Complexes by TEMPO. Organometallics, 2012, 31, 3457-3459.	2.3	18
107	Probing the Group Tolerance of a Li/Cl Phosphinidenoid Complex Using Alkenyl-Substituted Aldehydes. Organometallics, 2012, 31, 4711-4715.	2.3	17
108	Novel Spirooxaphosphirane Complexes. Organometallics, 2012, 31, 4707-4710.	2.3	16

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109	Single Electron Transfer-Mediated Selective <i>endo</i>- and <i>exo</i>cyclic Bond Cleavage Processes in Azaphosphiridine Chromium(0) Complexes: A Computational Study. Inorganic Chemistry, 2012, 51, 7250-7256.	4.0	27
110	Exocyclic Bond Cleavage in Oxaphosphirane Complexes?. Chemistry - A European Journal, 2012, 18, 13405-13411.	3.3	18
111	Synthesis of Bis(imidazoleâ€2â€thionâ€4â€yl)phosphanes. Heteroatom Chemistry, 2012, 23, 513-519.	0.7	10
112	Synthesis of Backbone <i>P</i>-Functionalized Imidazol-2-ylidene Complexes: <i>En Route</i> to Novel Functional Ionic Liquids. Inorganic Chemistry, 2012, 51, 10408-10416.	4.0	44
113	Synthesis of Aminophosphane Complexes: Searching the Boundary between Phosphanide and Phosphinidenoid Complex Chemistry. European Journal of Inorganic Chemistry, 2012, 2012, 2314-2319.	2.0	11
114	P-OR Functional Phosphanido and/or Li/OR Phosphinidenoid Complexes?. European Journal of Inorganic Chemistry, 2012, 2012, 3490-3499.	2.0	15
115	An Unusal Case of Facile Nonâ€Degenerate Pï£¿C Bond Making and Breaking. Chemistry - an Asian Journal, 2012, 7, 1708-1712.	3.3	16
116	Deoxygenation of Coordinated Oxaphosphiranes: A New Route to Pï£¾C Doubleâ€Bond Systems. Chemistry - A European Journal, 2012, 18, 9780-9783.	3.3	15
117	Synthesis of Stabilized Phosphinidenoid Complexes Using Weakly Coordinating Cations. Australian Journal of Chemistry, 2011, 64, 1583.	0.9	7
118	Generation and Decomposition of Li/OR Phosphinidenoid Complexes. Organometallics, 2011, 30, 3246-3249.	2.3	11
119	Synthesis, Structure, and Reactions of 1-<i>tert</i>-Butyl-2-diphenylphosphino-imidazole. Inorganic Chemistry, 2011, 50, 793-799.	4.0	29
120	First Examples of Spirooxaphosphirane Complexes. Organometallics, 2011, 30, 5636-5640.	2.3	30
121	An Approach to 1,3,4â€Dioxaphospholane Complexes through an Acidâ€Induced Ring Expansion of an Oxaphosphirane Complex: The Problem of Construction and Deconstruction of O,Pâ€Heterocycles. Chemistry - an Asian Journal, 2011, 6, 1539-1545.	3.3	16
122	First examples of oxaphosphirane pentacarbonylchromium(0) and -molybdenum(0) complexes: synthesis, structures and reactions. Dalton Transactions, 2011, 40, 2654.	3.3	28
123	Deoxygenation of isocyanates via transient electrophilic terminal phosphinidene complexes: Are strained P-heterocycles involved?. Heteroatom Chemistry, 2011, 22, 275-286.	0.7	9
124	Computational Studies on Azaphosphiridines, or How to Effect Ringâ€Opening Processes through Selective Bond Activation. Chemistry - A European Journal, 2011, 17, 3166-3178.	3.3	46
125	Protonationâ€Induced Rearrangement of an Oxaphosphirane Complex. Angewandte Chemie - International Edition, 2010, 49, 2615-2618.	13.8	31
126	Insights into the Chemistry of Transient <i>P</i>â€Chlorophosphanyl Complexes. Angewandte Chemie - International Edition, 2010, 49, 6894-6898.	13.8	33

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127	Competing ring cleavage of transient O-protonated oxaphosphirane complexes: 1,3-oxaphospholane and Î·2-Wittig ylide complex formation. Chemical Communications, 2010, 46, 7244.	4.1	27
128	Novel access to azaphosphiridine complexes and first applications using BrÃ¸nsted acid-induced ring expansion reactions. Dalton Transactions, 2010, 39, 3472.	3.3	34
129	The Quest for Ring Opening of Oxaphosphirane Complexes: A Coupledâ€Cluster and Density Functional Study of CH₃PO Isomers and Their Cr(CO)₅ Complexes. Chemistry - A European Journal, 2009, 15, 2594-2601.	3.3	42
130	Strong Evidence for an Unprecedented Borderline Case of Dissociation and Cycloaddition in Openâ€Shell 1,3â€Dipole Chemistry: Transient Nitrilium Phosphaneâ€Ylide Complex Radical Cations. European Journal of Inorganic Chemistry, 2009, 2009, 3226-3237.	2.0	27
131	Facile Synthesis of Pentacarbonyltungsten(0) Complexes with Oxaphosphirane Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1163-1171.	1.2	32
132	Formation of a Novel P,C-Cage Ligand via a P-C5Me5-Substituted Li/Cl Phosphinidenoid Complex. Organometallics, 2009, 28, 4636-4638.	2.3	45
133	First BrÃ¸nsted Acid-Induced Ring Expansion of an Oxaphosphirane Complex: A Combined Experimental and DFT Study. Organometallics, 2009, 28, 1221-1226.	2.3	30
134	Synthesis of Novel O,P,C-Cage Complexes via Thermal Câˆ'O Ring Opening of an Oxaphosphirane W(CO)5 Complex. Organometallics, 2008, 27, 2664-2667.	2.3	27
135	Isolation of the first Li/halogen phosphinidenoid transition-metal complex. Dalton Transactions, 2008, , 2674.	3.3	33
136	Attempted Synthesis of 1-Aza-3Î»3-phospha-1-allenide Complexes:â€‰ Structure and Reactions of an Unusual Phosphanide Complex. Organometallics, 2007, 26, 4021-4024.	2.3	12
137	Dehydroiodination of Iodo- and Diiodomethane by a Transient Phosphinidene Complex. Angewandte Chemie - International Edition, 2007, 46, 2104-2107.	13.8	13
138	Strong Evidence for a Transient Phosphinidenoid Complex. Angewandte Chemie - International Edition, 2007, 46, 9327-9330.	13.8	76
139	Evidence for Ligandâ€Centered Reactivity of a 17e Radical Cationic 2<i>H</i>â€Azaphosphirene Complex. European Journal of Inorganic Chemistry, 2007, 2007, 4669-4678.	2.0	15
140	Stability of phosphinidenesâ€"Are they synthetically accessible?. Dalton Transactions, 2006, , 4321-4327.	3.3	46
141	Synthesis of a C-pyridine-substituted 2H-1,3,2-diazaphosphole complex and subsequent oxidation to its PV-sulfide and PV-selenide derivatives. Journal of Organometallic Chemistry, 2003, 682, 212-217.	1.8	6
142	Electrophilic terminal phosphinidene complexâ€"Lewis base adducts: Chemistry between carbonâ€"halide bond activation and weak Lewis base adduct formation. Chemical Communications, 2003, , 2892-2893.	4.1	17
143	Transient Nitrilium Phosphanylid Complexes â€" New Versatile Building Blocks in Phosphorus Chemistry. Topics in Current Chemistry, 2003, , 91-109.	4.0	44
144	An unconventional route to [(Me3Si)2HCPCl2W(CO)5] and its conversion to the structurally characterized P-chalcogenides (Me3Si)2HCP(X)Cl2 [X = S, Se]. Dalton Transactions, 2003, , 2483.	3.3	37

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145	Donorâ€“acceptor interactions with electrophilic terminal phosphinidene complexes. Journal of Organometallic Chemistry, 2002, 643-644, 223-230.	1.8	28
146	Chemistry of Î»3-2H-azaphosphirene metal complexes. Coordination Chemistry Reviews, 2002, 227, 175-192.	18.8	78
147	Synthesis and Spectroscopic Data ofpara-Substituted (3-Phenyl-2H-azaphosphirene)tungsten Complexes. European Journal of Inorganic Chemistry, 1998, 1998, 257-261.	2.0	28
148	Phosphorus-Bridged Dinuclear Tungsten Amino(aryl)carbene Complexes â€“ New Precursors for (2H-Azaphosphirene)tungsten Complexes bearing a Ïƒ-P-Bonded Cp* Groupâ‹†. European Journal of Inorganic Chemistry, 1998, 1998, 2005-2012.	2.0	19
149	Synthesis and structure of the first 2H-1,3,2-diazaphosphole complex. Chemical Communications, 1997, , 2317-2318.	4.1	19
150	Unexpected Intramolecular Reactions of Intermediate Phosphacarbonyl Ylide Tungsten Complexes. Angewandte Chemie International Edition in English, 1997, 36, 378-381.	4.4	55
151	Formation of 2H-1,2-Azaphosphole Tungsten Complexes by Trapping Reactions of Nitrilium Phosphane Ylide Complexes. Angewandte Chemie International Edition in English, 1997, 36, 1492-1494.	4.4	53
152	Ãœberraschende intramolekulare Folgereaktionen intermediÃrer Phosphacarbonylâ€Ylidâ€Wolframkomplexe. Angewandte Chemie, 1997, 109, 409-413.	2.0	32
153	Thermally Induced Ring Cleavage of a 2H-1,2-Azaphosphirene Tungsten Complex. Angewandte Chemie International Edition in English, 1995, 33, 2427-2428.	4.4	56
154	Synthesis of the First 2H-1-Aza-2-phosphirene Complexes. Angewandte Chemie International Edition in English, 1994, 33, 80-82.	4.4	37
155	Azaphosphaboriridine und Azadiphosphiridine durch Phosphandiylâ€Transfer. Chemische Berichte, 1991, 124, 765-767.	0.2	30
156	Synthese und Struktur eines 1<i>H</i>â€Diphosphirens. Angewandte Chemie, 1989, 101, 1708-1710.	2.0	37
157	Synthesis and Structure of a 1H-Diphosphirene. Angewandte Chemie International Edition in English, 1989, 28, 1673-1674.	4.4	60
158	Câ€H Deprotonation and C=C Hydrogenation of Nâ€heterocyclic Olefin with Calcium Hydride Complexes: Cooperative Caâ€Hâ€Ca Bridge versus Terminal Caâ€H bond. ChemCatChem, 0, , .	3.7	2