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	Chemistry of Î»3-2H-azaphosphirene metal complexes. Coordination Chemistry Reviews, 2002, 227, 175-192.	18.8	78
2	Strong Evidence for a Transient Phosphinidenoid Complex. Angewandte Chemie - International Edition, 2007, 46, 9327-9330.	13.8	76
3	Synthesis and Structure of a 1H-Diphosphirene. Angewandte Chemie International Edition in English, 1989, 28, 1673-1674.	4.4	60
4	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
5	Unexpected Intramolecular Reactions of Intermediate Phosphacarbonyl Ylide Tungsten Complexes. Angewandte Chemie International Edition in English, 1997, 36, 378-381.	4.4	55
6	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
7	Synthesis and Reactions of the First Room Temperature Stable Li/Cl Phosphinidenoid Complex. Inorganic Chemistry, 2012, 51, 12343-12349.	4.0	47
8	Stability of phosphinidenesâ€"Are they synthetically accessible?. Dalton Transactions, 2006, , 4321-4327.	3.3	46
9	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
10	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
11	Transient Nitrilium Phosphanylid Complexes â€" New Versatile Building Blocks in Phosphorus Chemistry. Topics in Current Chemistry, 2003, , 91-109.	4.0	44
12	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
13	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
14	Synthesis, structure and reactivity of 4-phosphanylated 1,3-dialkyl-imidazole-2-thiones. Dalton Transactions, 2012, 41, 5368.	3.3	39
15	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
16	1,4â€Diphosphinines from Imidazoleâ€2â€thiones. Angewandte Chemie - International Edition, 2017, 56, 9231-9235.	13.8	38
17	Synthese und Struktur eines 1<i>H</i>â€Diphosphirens. Angewandte Chemie, 1989, 101, 1708-1710.	2.0	37
18	Synthesis of the First 2H-1-Aza-2-phosphirene Complexes. Angewandte Chemie International Edition in English, 1994, 33, 80-82.	4.4	37

#	Article	IF	Citations
19	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
20	Novel access to azaphosphiridine complexes and first applications using BrÃ¸nsted acid-induced ring expansion reactions. Dalton Transactions, 2010, 39, 3472.	3.3	34
21	Isolation of the first Li/halogen phosphinidenoid transition-metal complex. Dalton Transactions, 2008, , 2674.	3.3	33
22	Insights into the Chemistry of Transient <i>P</i>â€Chlorophosphanyl Complexes. Angewandte Chemie - International Edition, 2010, 49, 6894-6898.	13.8	33
23	Ãœberraschende intramolekulare Folgereaktionen intermediÃrer Phosphacarbonylâ€Ylidâ€Wolframkomplexe. Angewandte Chemie, 1997, 109, 409-413.	2.0	32
24	Facile Synthesis of Pentacarbonyltungsten(0) Complexes with Oxaphosphirane Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1163-1171.	1.2	32
25	Protonationâ€Induced Rearrangement of an Oxaphosphirane Complex. Angewandte Chemie - International Edition, 2010, 49, 2615-2618.	13.8	31
26	Azaphosphaboriridine und Azadiphosphiridine durch Phosphandiylâ€Transfer. Chemische Berichte, 1991, 124, 765-767.	0.2	30
27	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
28	First Examples of Spirooxaphosphirane Complexes. Organometallics, 2011, 30, 5636-5640.	2.3	30
29	Synthesis, Structure, and Reactions of 1-<i>tert</i>-Butyl-2-diphenylphosphino-imidazole. Inorganic Chemistry, 2011, 50, 793-799.	4.0	29
30	Synthesis and Spectroscopic Data ofpara-Substituted (3-Phenyl-2H-azaphosphirene)tungsten Complexes. European Journal of Inorganic Chemistry, 1998, 1998, 257-261.	2.0	28
31	Donorâ€“acceptor interactions with electrophilic terminal phosphinidene complexes. Journal of Organometallic Chemistry, 2002, 643-644, 223-230.	1.8	28
32	First examples of oxaphosphirane pentacarbonylchromium(0) and -molybdenum(0) complexes: synthesis, structures and reactions. Dalton Transactions, 2011, 40, 2654.	3.3	28
33	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
34	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
35	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
36	Reactivity of terminal phosphinidene versus Liâ€“Cl phosphinidenoid complexes in cycloaddition chemistry. Chemical Communications, 2012, 48, 5986.	4.1	27

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37	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
38	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
39	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
40	Synthesis and DFT calculations of spirooxaphosphirane complexes. Dalton Transactions, 2013, 42, 8897.	3.3	26
41	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
42	Deoxygenation of carbon dioxide by electrophilic terminal phosphinidene complexes. Chemical Science, 2012, 3, 3526.	7.4	25
43	Oxaphosphirane-Borane Complexes: Ring Strain and Migratory Insertion/Ring-Opening Reactions. Inorganic Chemistry, 2014, 53, 6132-6140.	4.0	25
44	Synthesis and first complexes of C4/5 P-bifunctional imidazole-2-thiones. Dalton Transactions, 2013, 42, 13126.	3.3	22
45	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
46	Synthesis and Reaction of the First 1,2â€Oxaphosphetane Complexes. Angewandte Chemie - International Edition, 2014, 53, 10809-10812.	13.8	22
47	Zwitterionic carbene adducts and their carbene isomers. RSC Advances, 2015, 5, 41795-41802.	3.6	22
48	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
49	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
50	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
51	New Aspects of 1,3â€Diphosphacyclobutaneâ€2,4â€diyls. Helvetica Chimica Acta, 2012, 95, 1723-1729.	1.6	20
52	Stimuliâ€Responsive Frustrated Lewisâ€Pairâ€Type Reactivity of a Tungsten Iminoazaphosphiridine Complex. Chemistry - A European Journal, 2015, 21, 9650-9655.	3.3	20
53	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
54	Synthesis and structure of the first 2H-1,3,2-diazaphosphole complex. Chemical Communications, 1997, , 2317-2318.	4.1	19

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55	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
56	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
57	Thiaphosphiranes and Their Complexes: Systematic Study on Ring Strain and Ring Cleavage Reactions. Inorganic Chemistry, 2016, 55, 9611-9619.	4.0	19
58	SET Oxidation of Li/X Phosphinidenoid Complexes by TEMPO. Organometallics, 2012, 31, 3457-3459.	2.3	18
59	Exocyclic Bond Cleavage in Oxaphosphirane Complexes?. Chemistry - A European Journal, 2012, 18, 13405-13411.	3.3	18
60	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
61	Rearrangement and deoxygenation of 3,3-bis(2-pyridyl)oxaphosphirane complexes. Dalton Transactions, 2016, 45, 2085-2094.	3.3	18
62	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
63	Probing the Group Tolerance of a Li/Cl Phosphinidenoid Complex Using Alkenyl-Substituted Aldehydes. Organometallics, 2012, 31, 4711-4715.	2.3	17
64	Unprecedented Ringâ€"Ring Interconversion of N,P,Câ€Cage Ligands. Chemistry - A European Journal, 2015, 21, 3727-3735.	3.3	17
65	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
66	Synthesis of a monomolecular anionic FLP complex. Chemical Communications, 2016, 52, 13361-13364.	4.1	17
67	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
68	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
69	Novel Spirooxaphosphirane Complexes. Organometallics, 2012, 31, 4707-4710.	2.3	16
70	An Unusal Case of Facile Nonâ€Degenerate Pï£¿C Bond Making and Breaking. Chemistry - an Asian Journal, 2012, 7, 1708-1712.	3.3	16
71	Monoâ€•and Heteroâ€Dinuclear 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
72	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

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73	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
74	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
75	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
76	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
77	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
78	P-OR Functional Phosphanido and/or Li/OR Phosphinidenoid Complexes?. European Journal of Inorganic Chemistry, 2012, 2012, 3490-3499.	2.0	15
79	Deoxygenation of Coordinated Oxaphosphiranes: A New Route to Pï£¾C Doubleâ€Bond Systems. Chemistry - A European Journal, 2012, 18, 9780-9783.	3.3	15
80	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
81	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
82	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
83	1,4â€Diphosphinine aus Imidazolâ€2â€thionen. Angewandte Chemie, 2017, 129, 9359-9363.	2.0	14
84	Expanding the chemistry of ring-fused 1,4-diphosphinines by stable mono anion formation. Chemical Communications, 2018, 54, 13555-13558.	4.1	14
85	Dehydroiodination of Iodo- and Diiodomethane by a Transient Phosphinidene Complex. Angewandte Chemie - International Edition, 2007, 46, 2104-2107.	13.8	13
86	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
87	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
88	A novel route to C-unsubstituted 1,2-oxaphosphetane and 1,2-oxaphospholane complexes. Chemical Communications, 2016, 52, 8593-8595.	4.1	13
89	Quantum Chemical Calculations on CHOP Derivativesâ€"Spanning the Chemical Space of Phosphinidenes, Phosphaketenes, Oxaphosphirenes, and COPâˆ' Isomers. Molecules, 2018, 23, 3341.	3.8	13
90	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

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91	Effects of diminished steric protection at phosphorus on stability and reactivity of oxaphosphirane complexes. Dalton Transactions, 2018, 47, 9347-9354.	3.3	12
92	M/X Phosphinidenoid Metal Complex Chemistry. Accounts of Chemical Research, 2021, 54, 1754-1765.	15.6	12
93	Generation and Decomposition of Li/OR Phosphinidenoid Complexes. Organometallics, 2011, 30, 3246-3249.	2.3	11
94	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
95	The 3-Acetyloxaphosphirane/1,3,2-Dioxaphosphol-4-ene Rearrangement. European Journal of Inorganic Chemistry, 2014, 2014, 1727-1734.	2.0	11
96	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
97	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
98	Between Oxirane and Phosphirane: The Springâ€loaded Oxaphosphirane Ring. European Journal of Inorganic Chemistry, 2021, 2021, 348-353.	2.0	11
99	Synthesis of Bis(imidazoleâ€2â€thionâ€4â€yl)phosphanes. Heteroatom Chemistry, 2012, 23, 513-519.	0.7	10
100	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
101	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
102	Chemistry of Thermally Generated Transient Phosphanoxyl Complexes. Organometallics, 2017, 36, 2877-2883.	2.3	10
103	Deoxygenation of isocyanates via transient electrophilic terminal phosphinidene complexes: Are strained P-heterocycles involved?. Heteroatom Chemistry, 2011, 22, 275-286.	0.7	9
104	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
105	<i>C</i>-Trifluoromethyl-Substituted 1,2-Oxaphosphetane Complexes: Synthetic and Structural Study. Organometallics, 2016, 35, 563-568.	2.3	9
106	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
107	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
108	Access and unprecedented reaction pathways of Li/Cl phosphinidenoid iron(0) complexes. Dalton Transactions, 2019, 48, 339-345.	3.3	9

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109	Janus bis(NHCs) tuned by heteroatom-bridge oxidation states. Chemical Communications, 2020, 56, 2646-2649.	4.1	9
110	A case study on the conversion of Li/Cl phosphinidenoid into phosphinidene complexes. Dalton Transactions, 2021, 50, 739-745.	3.3	9
111	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
112	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
113	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
114	Synthesis of Stabilized Phosphinidenoid Complexes Using Weakly Coordinating Cations. Australian Journal of Chemistry, 2011, 64, 1583.	0.9	7
115	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
116	Synthesis and reactions of C-phosphanylated thiazol-2-thiones. Dalton Transactions, 2016, 45, 2955-2962.	3.3	7
117	Exploring the chemistry of backbone amino(chloro)phosphanyl-substituted imidazole-2-thiones. Dalton Transactions, 2017, 46, 10504-10514.	3.3	7
118	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
119	Ring opening of a sterically crowded 1,2-oxaphosphetane complex. Dalton Transactions, 2017, 46, 2904-2909.	3.3	6
120	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
121	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
122	P-Functionalized tetrathiafulvalenes from 1,3-dithiole-2-thiones?. New Journal of Chemistry, 2020, 44, 17122-17128.	2.8	6
123	[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
124	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
125	1,2-Thiaphosphetanes: The Quest for Wittig-Type Ring Cleavage, Rearrangement, and Sulfur Atom Transfer. Inorganic Chemistry, 2020, 59, 3110-3117.	4.0	6
126	Unconventional ionic ring-deconstruction pathways of a three-membered heterocycle. Chemical Communications, 2018, 54, 14013-14016.	4.1	5

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127	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
128	Synthesis and Oxidation Reactions of Thiazolâ€2â€thioneâ€fused 1,4â€Dihydroâ€1,4â€diphosphinines. ChemistrySelect, 2020, 5, 5959-5964.	1.5	5
129	A rigid anionic Janus bis(NHC) â€" new opportunities in NHC chemistry. Dalton Transactions, 2021, 50, 689-695.	3.3	5
130	New frontiers: 1,4-diphosphinines and P-bridged bis(NHCs). Dalton Transactions, 2021, 50, 9345-9366.	3.3	5
131	Reversible Redox Chemistry of Anionic Imidazole-2-thione-Fused 1,4-Dihydro-1,4-diphosphinines. Inorganic Chemistry, 2022, 61, 4639-4646.	4.0	5
132	Starker Hinweis auf einen Phosphanoxylkomplex: Bildung, Bindung und ReaktivitÃt komplexgebundener Pâ€Analoga von Nitroxiden. Angewandte Chemie, 2016, 128, 14654-14658.	2.0	4
133	Acid-Induced Reactions of 1,2-Oxaphosphetane Complexes. Organometallics, 2017, 36, 3605-3612.	2.3	4
134	Formation and Reactivity of Transient Phosphanoxyl Manganese Complexes. Organometallics, 2018, 37, 3670-3677.	2.3	4
135	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
136	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
137	Molecular 1,1â€²-bifunctional mixed-valence Pâ€"P compounds, enabled through metal complexation. Dalton Transactions, 2021, 50, 2131-2137.	3.3	4
138	Synthesis of the First Oxaphosphirane Iron Complexes. European Journal of Inorganic Chemistry, 2021, 2021, 252-257.	2.0	4
139	Theoretical Study on Novel Mixed Valence, Pâ€H Functional Pâ€Ligands, and Their Tautomerization. Heteroatom Chemistry, 2014, 25, 651-657.	0.7	3
140	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
141	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
142	Chemistry of oxaphosphirane complexes. Coordination Chemistry Reviews, 2021, 437, 213818.	18.8	3
143	Toward a 1,4-Diphosphinine-Based Molecular CPS-Ternary Compound. Inorganic Chemistry, 2021, 60, 13029-13040.	4.0	3
144	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

#	ARTICLE	IF	CITATIONS
145	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
146	On Route to C⁴/C⁵ Pâ€Bifunctional 1,3â€Thiazoleâ€Based Carbenes. European Journal of Inorganic Chemistry, 2016, 2016, 5265-5270.	2.0	2
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