

Laszlo Nyulaszi

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178
papers

5,286
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40
h-index

64
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190
ext. papers

5,663
ext. citations

5.4
avg, IF

5.64
L-index

#	Paper	IF	Citations
178	Aromaticity of phosphorus heterocycles. <i>Chemical Reviews</i> , 2001 , 101, 1229-46	68.1	333
177	Phosphole-containing pi-conjugated systems: from model molecules to polymer films on electrodes. <i>Chemistry - A European Journal</i> , 2001 , 7, 4222-36	4.8	223
176	Selective tuning of the band gap of pi-conjugated dithieno[3,2-b:2',3'-d]phospholes toward different emission colors. <i>Chemistry - A European Journal</i> , 2007 , 13, 7487-500	4.8	173
175	Carbenes in ionic liquids. <i>New Journal of Chemistry</i> , 2010 , 34, 3004	3.6	159
174	Hyperconjugative π -Aromaticity: How To Make Cyclopentadiene Aromatic. <i>Journal of the American Chemical Society</i> , 1999 , 121, 6872-6875	16.4	157
173	From model compounds to extended pi-conjugated systems: synthesis and properties of dithieno[3,2-b:2',3'-d]phospholes. <i>Chemistry - A European Journal</i> , 2005 , 11, 4687-99	4.8	154
172	Dibenzophosphapentaphenes: exploiting P chemistry for gap fine-tuning and coordination-driven assembly of planar polycyclic aromatic hydrocarbons. <i>Journal of the American Chemical Society</i> , 2012 , 134, 6524-7	16.4	126
171	Unsymmetrical Carbene Homologues: Isolable Pyrido[b]-1,3,2-diazasilole, -germole and -stannole and Quantum-Chemical Comparison with Unstable Pyrido[c] Isomers. <i>Chemistry - A European Journal</i> , 1998 , 4, 541-545	4.8	120
170	Phosphorus-based heteropentacenes: efficiently tunable materials for organic n-type semiconductors. <i>Chemistry - A European Journal</i> , 2008 , 14, 9878-89	4.8	119
169	Hydrolysis of imidazole-2-ylidenes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 780-9	16.4	117
168	The Aromaticity of Polyphosphaphospholes Decreases with the Pyramidity of the Tricoordinate Phosphorus. <i>Inorganic Chemistry</i> , 1998 , 37, 4413-4420	5.1	96
167	An organocatalytic ionic liquid. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 5362-4	3.9	90
166	Connecting pi-chromophores by sigma-P-P bonds: new type of assemblies exhibiting sigma-pi-conjugation. <i>Journal of the American Chemical Society</i> , 2004 , 126, 6058-63	16.4	88
165	About the aromaticity of five-membered heterocycles. <i>Computational and Theoretical Chemistry</i> , 1995 , 358, 55-61		80
164	A new look at the similarities of the conjugative ability and reactivity of phosphorus-carbon and carbon-carbon double bonding. <i>The Journal of Physical Chemistry</i> , 1993 , 97, 4011-4015		77
163	Effects of Substituents on the Aromatization of Phosphole. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 586-591		73
162	Synthesis and structure of a 1,3-diphosphacyclobutadienediide: an animesolytic fragmentation of a 1,3-diphosphetane-2,4-diyl in solution. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 637-41	16.4	72

161	Significant cation effects in carbon dioxide-ionic liquid systems. <i>ChemPhysChem</i> , 2013 , 14, 315-20	3.2	71
160	Electronic structure and aromaticity of azaphospholes. <i>Journal of the American Chemical Society</i> , 1992 , 114, 9080-9084	16.4	70
159	Anionic States of Six-Membered Aromatic Phosphorus Heterocycles As Studied by Electron Transmission Spectroscopy and ab Initio Methods. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 7440-7447	2.8	68
158	On the organocatalytic activity of N-heterocyclic carbenes: role of sulfur in thiamine. <i>Journal of Organic Chemistry</i> , 2012 , 77, 6014-22	4.2	65
157	Aromatic Compounds with Planar Tricoordinate Phosphorus. <i>Tetrahedron</i> , 2000 , 56, 79-84	2.4	65
156	An abnormal N-heterocyclic carbene-carbon dioxide adduct from imidazolium acetate ionic liquids: the importance of basicity. <i>Chemistry - A European Journal</i> , 2014 , 20, 13002-8	4.8	61
155	An aromatic-antiaromatic switch in P-heteroles. A small change in delocalisation makes a big reactivity difference. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 996-8	3.9	60
154	Simulating the vibrational spectra of ionic liquid systems: 1-ethyl-3-methylimidazolium acetate and its mixtures. <i>Journal of Chemical Physics</i> , 2014 , 141, 024510	3.9	55
153	Synthesis, electronic properties, and reactivity of phospholes and 1,1-biphospholes bearing 2- or 3-thienyl C-substituents. <i>Chemistry - A European Journal</i> , 2009 , 15, 4914-24	4.8	49
152	Phosphorus-Containing Polycyclic Aromatic Hydrocarbons. <i>ChemPhysChem</i> , 2017 , 18, 2618-2630	3.2	48
151	Nature of Bonding in Cyclic Conjugated Ylides. <i>The Journal of Physical Chemistry</i> , 1996 , 100, 6456-6462		48
150	Synthesis, electronic properties and electropolymerisation of EDOT-capped sigma ³ -phospholes. <i>Chemical Communications</i> , 2008 , 2200-2	5.8	47
149	Synthesis of an Isolable Diphosphaisobenzene and a Stable Cyclic Allene with Six Ring Atoms Phosphorus Compounds, Part 147. This work was supported by the Fonds der Chemischen Industrie and the Deutsche Forschungsgemeinschaft (Graduate College "Phosphorus chemistry as link between different chemical disciplines"). Part 146: C. Peters, F. Tabellion, A. Nachbauer, U. K. Schick, F. Peters, M. J. Frisch, C. D. Schick, 2009, in press. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 179-180	16.4	47
148	The First Delocalized Phosphole Containing a Planar Tricoordinate Phosphorus Atom: 1-[Bis(trimethylsilyl)methyl]-3,5-bis(trimethylsilyl)-1,2,4-triphosphole. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 1083-1086	16.4	46
147	Toward a Planar B-Phosphorus. <i>The Journal of Physical Chemistry</i> , 1996 , 100, 6194-6198		46
146	Synthesis, electronic properties and WOLED devices of planar phosphorus-containing polycyclic aromatic hydrocarbons. <i>Chemistry - A European Journal</i> , 2015 , 21, 6547-56	4.8	45
145	Neutral species from "non-protic" N-heterocyclic ionic liquids. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 2634-40	3.9	44
144	Stabilized carbenes do not dimerize. <i>Physical Chemistry Chemical Physics</i> , 2000 , 2, 3127-3129	3.6	44

- 143 The electronic structure and aromaticity of 1,3-azaphosphole and 1,3-azarsole. *The Journal of Physical Chemistry*, **1992**, 96, 623-626 44
- 142 Stability of phosphinidenes--are they synthetically accessible?. *Dalton Transactions*, **2006**, 4321-7 4.3 43
- 141 3,4-Dithiaphosphole and 3,3,4,4-tetra-thia-1,1-diphosphole π -conjugated systems: S makes the impact. *Chemistry - A European Journal*, **2010**, 16, 11340-56 4.8 41
- 140 Phosphorus stabilized carbenes: theoretical predictions. *Journal of Organometallic Chemistry*, **2002**, 643-644, 278-284 2.3 41
- 139 Molecular Level Properties of the Water/Dichloromethane Liquid/Liquid Interface, as Seen from Molecular Dynamics Simulation and Identification of Truly Interfacial Molecules Analysis. *Journal of Physical Chemistry C*, **2009**, 113, 19263-19276 3.8 40
- 138 Phospholes with Reduced Pyramidal Character from Steric Crowding. 2. Photoelectron Spectral Evidence for Some Electron Delocalization in 1-(2,4-Di-tert-butyl-6-methylphenyl)-3-methylphosphole. *Journal of Organic Chemistry*, **1996**, 61, 7808-7812 4.2 40
- 137 Substituent effect of second row elements on silyl centers. *Computational and Theoretical Chemistry*, **1994**, 313, 73-81 38
- 136 Synthese und Struktur eines 1,3-Diphosphacyclobutadiendiids [Aniomesolytische Fragmentierung eines 1,3-Diphosphetan-2,4-diyls in Lösung. *Angewandte Chemie*, **2004**, 116, 647-651 3.6 37
- 135 Weak intramolecular interactions as controlling factors in the diastereoselective formation of 3-phosphinoxido- and 3-phosphono-1,2,3,6-tetrahydrophosphinine 1-oxides. *Tetrahedron*, **2004**, 60, 6619-6627 3.4 36
- 134 Cyclic bis(phosphanyl)carbenium ion by protonation of a 1,3-diphosphacyclobutane-2,4-diyl. *Angewandte Chemie - International Edition*, **2005**, 44, 1405-8 16.4 36
- 133 Synthesis of an imidazolium phosphanide zwitterion and its conversion into anionic imidazol-2-ylidene derivatives. *Angewandte Chemie - International Edition*, **2013**, 52, 10080-3 16.4 35
- 132 Pyridyl-functionalised 3H-1,2,3,4-triazaphospholes: synthesis, coordination chemistry and photophysical properties of low-coordinate phosphorus compounds. *Chemistry - A European Journal*, **2015**, 21, 11096-109 4.8 33
- 131 Study of the planarization of the tricordinate phosphorus in phospholes; photoelectron spectra and structure of partially planarized phospholes. *Journal of Organometallic Chemistry*, **1998**, 566, 29-35 2.3 33
- 130 A study of some gas-phase lanthanide plus oxidant chemiionization reactions with chemielectron spectroscopy. *Journal of Electron Spectroscopy and Related Phenomena*, **1991**, 57, 373-397 1.7 33
- 129 Synthesis and photoelectron spectroscopic studies of $N(CH_2CH_2NMe)_3P=E$ ($E = O, S, NH, CH_2$). *Journal of the American Chemical Society*, **2006**, 128, 1500-12 16.4 32
- 128 Impact of high β -density on the coordination properties of β -excess aromatic neutral σ -P ligands--P(β -donor bonds to Ag^+ and $HgCl_2$). *Dalton Transactions*, **2014**, 43, 51-4 4.3 30
- 127 Pentaphosphole: An Aromatic Ring with a Planar β -Phosphorus. *Inorganic Chemistry*, **1996**, 35, 4690-4693 3.1 30
- 126 Stabilizing the Hammick intermediate. *Journal of Organic Chemistry*, **2008**, 73, 4794-9 4.2 29

125	Oxazol-2-ylidenes. A new class of stable carbenes?. <i>RSC Advances</i> , 2013 , 3, 7970	3.7	27
124	Nature and Strength of the λ^5 -P:C "Double" Bond. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 10142-10146		27
123	Study on the aromaticity and reactivity of chlorophosphinines. <i>Heteroatom Chemistry</i> , 1994 , 5, 131-137	1.2	27
122	1,4-Diphosphinines from Imidazole-2-thiones. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9231-9235	1.2	26
121	Stability and Structure of Carbene-Derived Neutral Penta- and Hexacoordinate Silicon Complexes. <i>Organometallics</i> , 2009 , 28, 4159-4164	3.8	26
120	Photoelectron spectroscopic study of the aromaticity of phosphorus and arsenic compounds. <i>Journal of Molecular Structure</i> , 1995 , 347, 57-71	3.4	26
119	Silylene, the Most Stable Form of Silicon in Aromatic Compounds. <i>Journal of the American Chemical Society</i> , 1994 , 116, 7239-7242	16.4	26
118	Spontaneous Phosphorus-Halogen Bond Cleavage in N-Heterocyclic Halogenophosphanes Revisited: The Case of PBr and PI Bonds. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009 , 635, 245-252	1.3	25
117	Allylation of Phosphorus, Arsenic, and Antimony Trihalides by Allylic Stannanes. Synthesis, Spectroscopic Characterization, and Quantum Chemical Investigations of Allylic Phosphines, Arsines, and Stibines. <i>Journal of Organic Chemistry</i> , 1998 , 63, 59-68	4.2	25
116	Rich λ^2 P-heterocycles: bent λ^1 -P- and λ^2 -P-coordinated 1,3-benzazaphosphole copper(I) halide complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 2117-27	5.1	24
115	Toward Stable Silylenes. <i>The Journal of Physical Chemistry</i> , 1996 , 100, 6262-6265		24
114	1,3-Diphospholene-4-ylidene chromium (tungsten) pentacarbonyl complexes formed by CO insertion into the ring of a 1,3-diphosphacyclobutane-2,4-diyl-2-ide-complexes of a phosphanyl carbene or a phosphonium ylide?. <i>Chemistry - A European Journal</i> , 2002 , 8, 2188-96	4.8	24
113	XPS-evidence for in-situ electrochemically-generated carbene formation. <i>Electrochimica Acta</i> , 2017 , 234, 37-42	6.7	23
112	H ₂ PCH: a phosphinocarbene or a phosphaacetylene? a revisited problem. <i>Computational and Theoretical Chemistry</i> , 1998 , 453, 91-95		23
111	Substituent effect on low coordination phosphorus chemistry. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 2597-2602	2.3	23
110	Synthese eines isolierbaren Diphosphaisobenzols und eines stabilen cyclischen Allens mit sechs Ringatomen. <i>Angewandte Chemie</i> , 2000 , 112, 1318-1320	3.6	23
109	Remarkable carbene-induced transformation of 2,4,6-tri-tert-butyl-1,3,5-triphosphaebene, P ₃ C ₃ But ₃ , to the 1,2,4-triphosphole, P ₃ C ₂ But ₂ CBut(carbene). Crystal and molecular structure of the planar triphosphole complex [Mo(CO) ₃ (β -P ₃ C ₂ But ₂ CBut(carbene))] [carbene = C(N(Me)C(Me)=C(Me)N(Me))]. <i>Chemical Communications</i> , 2000 , 1305-1306	5.8	23
108	First syntheses, structural and theoretical studies of β -1,2,4-triphosphole metal tricarbonyl complexes of Cr, Mo and W. <i>Chemical Communications</i> , 1997 , 1305-1306	5.8	22

107	To What Extent Can Nine-Membered Monocycles Be Aromatic?. <i>European Journal of Organic Chemistry</i> , 2003 , 2003, 1923-1930	3.2	22
106	Organophosphorus compounds. Part 93. Aromaticity of thia- and selenaphospholes: a photoelectron spectroscopic and quantum chemical study. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1995 , 315-318		22
105	Pyrido-annellated diazaphospholenes and phospholenium ions. <i>Dalton Transactions</i> , 2008 , 4937-45	4.3	21
104	Phosphinin-2-ylidene: An Isomer of Phosphinine with a Phosphinocarbene Unit. <i>Journal of Organic Chemistry</i> , 1995 , 60, 1647-1650	4.2	21
103	Phosphindolizine: a compound with planar phosphorus. <i>New Journal of Chemistry</i> , 1998 , 22, 651-654	3.6	20
102	Cyclisches Bis(phosphanyl)carbenium-Ion durch Protonierung eines 1,3-Diphosphacyclobutan-2,4-diyls. <i>Angewandte Chemie</i> , 2005 , 117, 1429-1432	3.6	20
101	[3]Ferrocenophanes with the bisphosphanotetryl bridge: inorganic rings on the way to tetrylenes. <i>Dalton Transactions</i> , 2016 , 45, 2180-9	4.3	19
100	The photoelectron spectrum and conformation of phenylphosphine and phenylarsine. <i>Structural Chemistry</i> , 1995 , 6, 1-7	1.8	19
99	Excess aromatic π -P ligands: synthesis and structure of an unprecedented π -P-1,3-benzazaphosphole bridged tetranuclear copper(I) acetate complex. <i>Dalton Transactions</i> , 2015 , 44, 1769-74	4.3	18
98	Triazaphospholenium Tetrafluoroborate: A Phosphorus Analogue of a 1,2,3-Triazole-Derived Carbene. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16484-16489	16.4	17
97	Regioselectivity in cycloaddition reaction between phosphacetylene and diazomethane: An ab initio study. <i>Journal of Computational Chemistry</i> , 1997 , 18, 609-616	3.5	17
96	Near UV spectra of furan and its derivatives. <i>Journal of Molecular Structure</i> , 1992 , 273, 133-138	3.4	17
95	Application of Imidazole-2-thione Substituents in Low-Coordinate Phosphorus Chemistry [Probing the Scope. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3559-3573	2.3	16
94	The Hexaphosphapentaprismane P(6)C(4)tBu(4): A "Jaws-Like" Cage Molecule That Bites! We thank the EPSRC (M.D.F., J.F.N.), the AEC of Syria, Damascus (M.M.A.K.), The Royal Society (J.F.N., L.N.), and FKFP-0029/2000 (L.N.) for financial support.. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 3474-3477	16.4	16
93	Photoelectron Spectra and Structures of Proazaphosphatranes. <i>Inorganic Chemistry</i> , 1996 , 35, 6102-6107	5.1	16
92	7-Metalla-1,4-diphosphanorbornadienes: cycloaddition of monovalent group 13 NacNac complexes to a stable 1,4-diphosphinine. <i>Dalton Transactions</i> , 2019 , 48, 8248-8253	4.3	15
91	Specific Photochemical Dehydrocoupling of N-Heterocyclic Phosphanes and Their Use in the Photocatalytic Generation of Dihydrogen. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 11567-71	16.4	15
90	Ambident PCN heterocycles: N- and P-phosphanylation of lithium 1,3-benzazaphospholides. <i>Chemistry - A European Journal</i> , 2009 , 15, 12263-72	4.8	15

89	Kinetically controlled protonation of a cyclic phosphamethanide complex to a PH-phosphonium ylide. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3367-71	16.4	15
88	Substituent effect on the aromaticity of the silolide anion. <i>Structural Chemistry</i> , 2014 , 25, 377-387	1.8	14
87	DFT study of possible lattice defects in methane-hydrate and their appearance in ¹³ C NMR spectra. <i>Chemical Physics Letters</i> , 2010 , 488, 168-172	2.5	14
86	Coordination Complexes of P-Containing Polycyclic Aromatic Hydrocarbons: Optical Properties and Solid-State Supramolecular Assembly. <i>Organometallics</i> , 2017 , 36, 2502-2511	3.8	13
85	Stereochemical Alignment in Triphospha[3]ferrocenophanes. <i>Chemistry - A European Journal</i> , 2017 , 23, 10438-10450	4.8	13
84	Extended Phosphepines: Redox and Optically Active P-Heterocycles with Nonplanar Framework. <i>Organic Letters</i> , 2019 , 21, 802-806	6.2	13
83	Planar lithium silolide: aromaticity, with significant contribution of non-classical resonance structures. <i>Chemical Communications</i> , 2017 , 53, 11064-11067	5.8	13
82	Theoretical study of the hydrolysis of chlorosilane. <i>Structural Chemistry</i> , 2015 , 26, 231-238	1.8	13
81	Towards spontaneous heterolysis of the homonuclear P-P bond in diphosphines: the case of diazaphospholeniumtriphospholides. <i>Chemistry - A European Journal</i> , 2010 , 16, 2857-65	4.8	13
80	Structural and bonding aspects of molybdenum tricarbonyl complexes of 2,4,6-tritertiarybutyl-1,3,5-triphospha-benzene, P ₃ C ₃ But ₃ and some β,β,β- and β,β,β-alkylated derivatives. <i>Comptes Rendus Chimie</i> , 2010 , 13, 1063-1072	2.7	13
79	A promising method for phosphinidene generation: complexes of phosphinidenes with N-donor ligands. <i>Chemistry - A European Journal</i> , 2008 , 14, 902-8	4.8	13
78	Chemistry and ligating properties of the 1,2,4-thiadiphosphole P ₂ SC ₂ But ₂ . <i>Journal of Organometallic Chemistry</i> , 2002 , 655, 7-15	2.3	13
77	Naphthyl-Fused Phosphepines: Luminescent Contorted Polycyclic P-Heterocycles. <i>Chemistry - A European Journal</i> , 2020 , 26, 1856-1863	4.8	13
76	1,4-Additions of tricyclic 1,4-diphosphinines - a novel system to study σ bond activation and π dispersion interactions. <i>Chemical Communications</i> , 2018 , 54, 1182-1184	5.8	12
75	Relative stability and aromaticity of diazasilole isomers. <i>Computational and Theoretical Chemistry</i> , 1998 , 431, 1-6		12
74	Das erste delokalisierte Phosphol mit planar dreifach koordiniertem Phosphor-atom: 1-[Bis(trimethylsilyl)methyl]-3,5-bis(trimethylsilyl)-1,2,4-triphosphol. <i>Angewandte Chemie</i> , 1998 , 110, 1139-1142	3.6	12
73	Synthesis of the 2,4,5-tri-tert-butyl-1,3-diphospholide anion by phosphinidene elimination from 2,4,6-tri-tert-butyl-1,3,5-triphospha-benzene on treatment with the amide Li[NPh(SiMe ₃)]. <i>Chemistry - A European Journal</i> , 2007 , 13, 7121-8	4.8	12
72	endo and exo Ring fusion in the Diels-Alder reaction of 1-(2,4,6-trialkylphenyl)-3-methylphospholes with maleic acid derivatives. <i>Tetrahedron</i> , 2002 , 58, 9801-9808	2.4	12

71	A Stabilized Bisphosphanylsilylene and Its Heavier Congeners. <i>Chemistry - A European Journal</i> , 2018 , 24, 16774-16778	4.8	12
70	Edge modification of PAHs: the effect of embedded heterocycles on the aromaticity pattern. <i>Structural Chemistry</i> , 2015 , 26, 1351-1357	1.8	11
69	1,4-Diphosphinine aus Imidazol-2-thionen. <i>Angewandte Chemie</i> , 2017 , 129, 9359-9363	3.6	11
68	Synthesis and NMR Characterization of 2,5-Bis(trimethylsilyl)-3,4-diphenyl-1-silacyclopentadienyl Dianion. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014 , 189, 1076-1083	1	11
67	Carbenes from ionic liquids. <i>Topics in Current Chemistry</i> , 2014 , 351, 1-24		11
66	Synthese eines Imidazolium-Phosphanid-Zwitterions und seine Umwandlung in anionische Imidazol-2-yliden-Derivate. <i>Angewandte Chemie</i> , 2013 , 125, 10264-10267	3.6	11
65	Analogy between sulfonyl and phosphino groups: the aromaticity of thiophene-oxide. <i>Structural Chemistry</i> , 2011 , 22, 1385-1392	1.8	11
64	The effect of the primary solvate shell on the mechanism of the Stober silica synthesis. A density functional investigation. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 1096-104	2.8	11
63	Access to Metal Complexes of the Elusive Imidobis(phosphaalkene) Anion by N-Bi Bond Cleavage of a N-Silylimino-Bridged Bis(phosphaalkene). <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 2933-33		11
62	Imino-bridged bisphosphaalkenes (2,4-diphospha-3-azapentadienes). <i>Chemistry - A European Journal</i> , 2010 , 16, 4843-51	4.8	11
61	From 2,4-diphospha-3-thia- and -3-selenapentadienes [(Me ₃ Si) ₂ C=P]E to heteronorbornane cage compounds. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 8682-5	16.4	11
60	Syntheses and Theoretical and Mechanistic Aspects of 1-Thia-2,4- and 1-Thia-3,4-diphosphole Formed from CS ₂ and tBuCP and Crystal and Molecular Structure of the First 1-Thia-3,4-diphosphole Complex: cis-[[PtCl ₂ (PET ₃)] ₂ (P ₂ SC ₂ tBu ₂)]. <i>Journal of the American Chemical Society</i> , 2000 , 122, 1557-1562	16.4	11
59	1-(2,4,6-Tri-tertiarybutylphenyl)-3,5-di-tert-butyl-1,2,4-triphosphole: a possibly stable, fully aromatic, compound with planar tricoordinate phosphorus. <i>Journal of Organometallic Chemistry</i> , 1999 , 588, 28-31	2.3	11
58	Synthesis, Electronic Properties and OLED Devices of Chromophores Based on σ -Phosphinines. <i>Chemistry - A European Journal</i> , 2020 , 26, 10534-10543	4.8	10
57	Exceptional Coordination Mode of Unsaturated PNP Ligands (Me ₃ Si) ₂ C=PN(R)PPh ₂ with Palladium and Platinum Dichlorides: Insertion of Phosphaalkene Phosphorus Atoms into Metal-Chlorine Bonds. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 2901-2905	2.3	10
56	Bis-[3]Ferrocenophanes with Central σ -E-EM Chemistry. <i>Open</i> , 2019 , 8, 1235-1243	2.3	9
55	Triazaphospholenium-tetrafluoroborat: das Phosphoranalogon eines von 1,2,3-Triazol abgeleiteten Carbens. <i>Angewandte Chemie</i> , 2017 , 129, 16706-16712	3.6	9
54	1-Triphenylstannyl-2,4,5-tritertiarybutyl-1,3-diphosphole, Ph ₃ SnP ₂ C ₃ Bu ₃ t: Preparation, X-ray crystal structure, theoretical studies and solution fluxional behaviour. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 3983-3989	2.3	9

53	The Aromaticity of Phosphorus Compounds. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996 , 109, 109-112	1	9
52	Di(phosphavinyl) Ethers (2,4-Diphospha-3-oxapentadienes). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009 , 64, 73-82	1	8
51	Synthetic, structural and theoretical studies on the new 2,3-dihydro-1,2,4-thia-, seleno- and telluro-diphospholes, P2EC2But2(H)Me, (E=S, Se, Te) and their [M(CO)5] complexes (M=Cr, Mo, W). <i>Journal of Organometallic Chemistry</i> , 2002 , 659, 84-91	2.3	8
50	Synthesis, Optical, and Redox Properties of Regioisomeric Benzoheterocycles-Fused Pyrene. <i>Journal of Organic Chemistry</i> , 2019 , 84, 957-962	4.2	8
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48	Expanding the chemistry of ring-fused 1,4-diphosphinines by stable mono anion formation. <i>Chemical Communications</i> , 2018 , 54, 13555-13558	5.8	8
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