Laszlo Nyulaszi

List of Publications by Year
in descending order

178	6,098	66336	91872
papers	citations	42	69
		h-index	g-index

190	190	190	3476
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aromaticity of Phosphorus Heterocycles. Chemical Reviews, 2001, 101, 1229-1246.	47.7	368
2	Phosphole-Containing Ï€-Conjugated Systems: From Model Molecules to Polymer Films on Electrodes. Chemistry - A European Journal, 2001, 7, 4222-4236.	3.3	238
3	Selective Tuning of the Band Gap of Ï€-Conjugated Dithieno[3,2-b:2â€²,3â€²-d]phospholes toward Different Emission Colors. Chemistry - A European Journal, 2007, 13, 7487-7500.	3.3	182
4	Hyperconjugative Ï€-Aromaticity:â€‰ How To Make Cyclopentadiene Aromatic. Journal of the American Chemical Society, 1999, 121, 6872-6875.	13.7	178
5	Carbenes in ionic liquids. New Journal of Chemistry, 2010, 34, 3004.	2.8	173
6	From Model Compounds to Extended Ï€-Conjugated Systems: Synthesis and Properties of Dithieno[3,2-b:2â€²,3â€²-d]phospholes. Chemistry - A European Journal, 2005, 11, 4687-4699.	3.3	158
7	Dibenzophosphapentaphenes: Exploiting P Chemistry for Gap Fine-Tuning and Coordination-Driven Assembly of Planar Polycyclic Aromatic Hydrocarbons. Journal of the American Chemical Society, 2012, 134, 6524-6527.	13.7	139
8	Unsymmetrical Carbene Homologues: Isolable Pyrido[b]â€•1,3,2 Î» ² â€•diazasilole, â€•germole and â€•stannole and Quantumâ€Chemical Comparison with Unstable Pyrido[c] Isomers. Chemistry - A European Journal, 1998, 4, 541-545.	3.3	137
9	Hydrolysis of Imidazole-2-ylidenes. Journal of the American Chemical Society, 2011, 133, 780-789.	13.7	135
10	Phosphorusâ€Based Heteropentacenes: Efficiently Tunable Materials for Organic nâ€Type Semiconductors. Chemistry - A European Journal, 2008, 14, 9878-9889.	3.3	130
11	The Aromaticity of Polyphosphaphospholes Decreases with the Pyramidality of the Tricoordinate Phosphorus. Inorganic Chemistry, 1998, 37, 4413-4420.	4.0	107
12	An organocatalytic ionic liquid. Organic and Biomolecular Chemistry, 2011, 9, 5362.	2.8	98
13	A new look at the similarities of the conjugative ability and reactivity of phosphorus-carbon and carbon-carbon double bonding. The Journal of Physical Chemistry, 1993, 97, 4011-4015.	2.9	93
14	About the aromaticity of five-membered heterocycles. Computational and Theoretical Chemistry, 1995, 358, 55-61.	1.5	91
15	Connecting Ï€-Chromophores by Ïƒ-Pâ€“P Bonds:Â New Type of Assemblies Exhibiting Ïƒâ€“Ï€-Conjugation. Journal of the American Chemical Society, 2004, 126, 6058-6063.	13.7	91
16	Synthesis and Structure of a 1,3-Diphosphacyclobutadienediide: An Aniomesolytic Fragmentation of a 1,3-Diphosphetane-2,4-diyl in Solution. Angewandte Chemie - International Edition, 2004, 43, 637-641.	13.8	88
17	Effects of Substituents on the Aromatization of Phosphole. The Journal of Physical Chemistry, 1995, 99, 586-591.	2.9	82
18	Electronic structure and aromaticity of azaphospholes. Journal of the American Chemical Society, 1992, 114, 9080-9084.	13.7	81

#	Article	IF	Citations
19	Significant Cation Effects in Carbon Dioxideâ€“Ionic Liquid Systems. ChemPhysChem, 2013, 14, 315-320.	2.1	77
20	Simulating the vibrational spectra of ionic liquid systems: 1-Ethyl-3-methylimidazolium acetate and its mixtures. Journal of Chemical Physics, 2014, 141, 024510.	3.0	77
21	On the Organocatalytic Activity of N-Heterocyclic Carbenes: Role of Sulfur in Thiamine. Journal of Organic Chemistry, 2012, 77, 6014-6022.	3.2	75
22	Aromatic Compounds with Planar Tricoordinate Phosphorus. Tetrahedron, 2000, 56, 79-84.	1.9	70
23	Anionic States of Six-Membered Aromatic Phosphorus Heterocycles As Studied by Electron Transmission Spectroscopy and ab Initio Methods. Journal of Physical Chemistry A, 2004, 108, 7440-7447.	2.5	70
24	An Abnormal Nâ€Heterocyclic Carbeneâ€“Carbon Dioxide Adduct from Imidazolium Acetate Ionic Liquids: The Importance of Basicity. Chemistry - A European Journal, 2014, 20, 13002-13008.	3.3	68
25	An aromaticâ€“antiaromatic switch in P-heteroles. A small change in delocalisation makes a big reactivity difference. Organic and Biomolecular Chemistry, 2006, 4, 996.	2.8	67
26	Phosphorusâ€Containing Polycyclic Aromatic Hydrocarbons. ChemPhysChem, 2017, 18, 2618-2630.	2.1	66
27	Nature of Bonding in Cyclic Conjugated Ylides. The Journal of Physical Chemistry, 1996, 100, 6456-6462.	2.9	59
28	The First Delocalized Phosphole Containing a Planar Tricoordinate Phosphorus Atom: 1-[Bis(trimethylsilyl)methyl]-3,5-bis(trimethylsilyl)-1,2,4-triphosphole. Angewandte Chemie - International Edition, 1998, 37, 1083-1086.	13.8	57
29	Synthesis, Electronic Properties, and Reactivity of Phospholes and 1,1â€²â€Biphospholes Bearing 2â€•or 3â€Thienyl Câ€Substituents. Chemistry - A European Journal, 2009, 15, 4914-4924.	3.3	57
30	Synthesis of an Isolable Diphosphaisobenzene and a Stable Cyclic Allene with Six Ring Atoms. Angewandte Chemie - International Edition, 2000, 39, 1261-1263.	13.8	54
31	Synthesis, Electronic Properties and WOLED Devices of Planar Phosphorusâ€Containing Polycyclic Aromatic Hydrocarbons. Chemistry - A European Journal, 2015, 21, 6547-6556.	3.3	54
32	Toward a Planar Ïƒ3-Phosphorus. The Journal of Physical Chemistry, 1996, 100, 6194-6198.	2.9	52
33	Stabilized carbenes do not dimerize. Physical Chemistry Chemical Physics, 2000, 2, 3127-3129.	2.8	50
34	The electronic structure and aromaticity of 1,3-azaphosphole and 1,3-azarsole. The Journal of Physical Chemistry, 1992, 96, 623-626.	2.9	48
35	Synthesis, electronic properties and electropolymerisation of EDOT-capped Ïƒ3-phospholes. Chemical Communications, 2008, , 2200.	4.1	48
36	Neutral species from â€œnon-proticâ€•N-heterocyclic ionic liquids. Organic and Biomolecular Chemistry, 2011, 9, 2634.	2.8	48

#	Article	IF	Citations
37	Pyridylâ€Functionalised 3Hâ€1,2,3,4â€Triazaphospholes: Synthesis, Coordination Chemistry and Photophysical Properties of Lowâ€Coordinate Phosphorus Compounds. Chemistry - A European Journal, 2015, 21, 11096-11109.	3.3	48
38	Stability of phosphinidenesâ€"Are they synthetically accessible?. Dalton Transactions, 2006, , 4321-4327.	3.3	46
39	3,4â€Dithiaphosphole and 3,3â€²,4,4â€²â€Tetrathiaâ€1,1â€²â€Biphosphole Ïâ€Conjugated Systems: S Makes the Impact. Chemistry - A European Journal, 2010, 16, 11340-11356.	3.3	45
40	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.	3.2	44
41	Substituent effect of second row elements on silyl centers. Computational and Theoretical Chemistry, 1994, 313, 73-81.	1.5	43
42	Phosphorus stabilized carbenes: theoretical predictions. Journal of Organometallic Chemistry, 2002, 643-644, 278-284.	1.8	42
43	Molecular Level Properties of the Waterâ"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.	3.1	41
44	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	39
45	Cyclic Bis(phosphanyl)carbenium Ion by Protonation of a 1,3-Diphosphacyclobutane-2,4-diyl. Angewandte Chemie - International Edition, 2005, 44, 1405-1408.	13.8	39
46	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
47	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.	1.9	38
48	1,4â€Diphosphinines from Imidazoleâ€2â€thiones. Angewandte Chemie - International Edition, 2017, 56, 9231-9235.	13.8	38
49	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.	1.8	37
50	Synthesis and Photoelectron Spectroscopic Studies of N(CH2CH2NMe)3PE (E = O, S, NH, CH2). Journal of the American Chemical Society, 2006, 128, 1500-1512.	13.7	34
51	Silylene, the Most Stable Form of Silicon in Aromatic Compounds. Journal of the American Chemical Society, 1994, 116, 7239-7242.	13.7	33
52	Pentaphosphole:â€‰ An Aromatic Ring with a Planar Ïƒ3-Phosphorus. Inorganic Chemistry, 1996, 35, 4690-4693.	4.0	33
53	Allylation of Phosphorus, Arsenic, and Antimony Trihalides by Allylic Stannanes. Synthesis, Spectroscopic Characterization, and Quantum Chemical Investigations of Allylic Phosphines, Arsines, and Stibines. Journal of Organic Chemistry, 1998, 63, 59-68.	3.2	33
54	Stabilizing the Hammick Intermediate. Journal of Organic Chemistry, 2008, 73, 4794-4799.	3.2	32

#	Article	IF	Citations
55	Oxazol-2-ylidenes. A new class of stable carbenes?. RSC Advances, 2013, 3, 7970.	3.6	32
56	Impact of high Ï€-density on the coordination properties of Ï€-excess aromatic neutral Ïƒ2P ligands â€“ P(Ï€)-donor bonds to Ag+and HgCl2. Dalton Transactions, 2014, 43, 51-54.	3.3	31
57	Nature and Strength of the .lambda.5-P:C "Double" Bond. The Journal of Physical Chemistry, 1995, 99, 10142-10146.	2.9	30
58	Study on the aromaticity and reactivity of chlorophosphinines. Heteroatom Chemistry, 1994, 5, 131-137.	0.7	29
59	H2PCH: a phosphinocarbene or a phosphaacetylene? a revisited problem. Computational and Theoretical Chemistry, 1998, 453, 91-95.	1.5	29
60	Remarkable carbene-induced transformation of 2,4,6-tri-tert-butyl-1,3,5-triphosphabenzene, P3C3But3, to the 1,2,4-triphosphole, P3C2But2CBut(carbene). Crystal and molecular structure of the planar triphosphole complex [Mo(CO)3(Î·5-P3C2But2CBut(carbene))] [carbene = C(N(Me)C(Me)=C(Me)N(Me))]. Chemical Communications, 2000, , 1305-1306.	4.1	29
61	Toward Stable Silylenes. The Journal of Physical Chemistry, 1996, 100, 6262-6265.	2.9	28
62	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-ideâ€"Complexes of a Phosphanyl Carbene or a Phosphonium Ylide?. Chemistry - A European Journal, 2002, 8, 2188.	3.3	28
63	Stability and Structure of Carbene-Derived Neutral Penta- and Hexacoordinate Silicon Complexes. Organometallics, 2009, 28, 4159-4164.	2.3	28
64	XPS-evidence for in-situ electrochemically-generated carbene formation. Electrochimica Acta, 2017, 234, 37-42.	5.2	28
65	Photoelectron spectroscopic study of the aromaticity of phosphorus and arsenic compounds. Journal of Molecular Structure, 1995, 347, 57-71.	3.6	27
66	Spontaneous Phosphorusâ€Halogen Bond Cleavage in Nâ€Heterocyclic Halogenophosphanes Revisited: The Case of Pâ€“Br and Pâ€“I Bonds. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 245-252.	1.2	27
67	Ï€-Extended Phosphepines: Redox and Optically Active P-Heterocycles with Nonplanar Framework. Organic Letters, 2019, 21, 802-806.	4.6	27
68	Phosphinin-2-ylidene: An Isomer of Phosphinine with a Phosphinocarbene Unit. Journal of Organic Chemistry, 1995, 60, 1647-1650.	3.2	26
69	Ï€-Rich Ïƒ²P-Heterocycles: Bent Î·¹-P- and Î¼²-P-Coordinated 1,3-Benzazaphosphole Copper(I) Halide Complexes. Inorganic Chemistry, 2015, 54, 2117-2127.	4.0	26
70	Triazaphospholenium Tetrafluoroborate: A Phosphorus Analogue of a 1,2,3â€Triazoleâ€Derived Carbene. Angewandte Chemie - International Edition, 2017, 56, 16484-16489.	13.8	26
71	Synthesis, Electronic Properties and OLED Devices of Chromophores Based on Î»⁵â€Phosphinines. Chemistry - A European Journal, 2020, 26, 10534-10543.	3.3	26
72	First syntheses, structural and theoretical studies of Î·5-1,2,4-triphosphole metal tricarbonyl complexes of Cr, Mo and W. Chemical Communications, 1997, , 1305-1306.	4.1	25

#	Article	IF	Citations
73	Substituent effect on low coordination phosphorus chemistry. Journal of Organometallic Chemistry, 2005, 690, 2597-2602.	1.8	25
74	[3]Ferrocenophanes with the bisphosphanotetryl bridge: inorganic rings on the way to tetrylenes. Dalton Transactions, 2016, 45, 2180-2189.	3.3	25
75	Pyrido-annellated diazaphospholenes and phospholenium ions. Dalton Transactions, 2008, , 4937.	3.3	24
76	Organophosphorus compounds. Part 93. Aromaticity of thia- and selenaphospholes: a photoelectron spectroscopic and quantum chemical study. Journal of the Chemical Society Perkin Transactions II, 1995, , 315-318.	0.9	23
77	Phosphindolizine: a compound with planar phosphorus. New Journal of Chemistry, 1998, 22, 651-654.	2.8	23
78	To What Extent Can Nine-Membered Monocycles Be Aromatic?. European Journal of Organic Chemistry, 2003, 2003, 1923-1930.	2.4	23
79	The photoelectron spectrum and conformation of phenylphosphine and phenylarsine. Structural Chemistry, 1995, 6, 1-7.	2.0	22
80	Kinetically Controlled Protonation of a Cyclic Phosphamethanide Complex to a PH-Phosphonium Ylide. Angewandte Chemie - International Edition, 2002, 41, 3367-3371.	13.8	22
81	Specific Photochemical Dehydrocoupling of Nâ€Heterocyclic Phosphanes and Their Use in the Photocatalytic Generation of Dihydrogen. Angewandte Chemie - International Edition, 2015, 54, 11567-11571.	13.8	21
82	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
83	Near UV spectra of furan and its derivatives. Journal of Molecular Structure, 1992, 273, 133-138.	3.6	19
84	Regioselectivity in cycloaddition reaction between phosphaacetylene and diazomethane: Anab initio study. Journal of Computational Chemistry, 1997, 18, 609-616.	3.3	19
85	Ï€-Excess aromatic Ïƒ‹sup›2‹/sup›-P ligands: synthesis and structure of an unprecedented Î¼‹sup›2‹/sup›-P-1,3-benzazaphosphole bridged tetranuclear copper(‹scp›i‹/scp›) acetate complex. Dalton Transactions, 2015, 44, 1769-1774.	3.3	19
86	Stereochemical Alignment in Triphospha[3]ferrocenophanes. Chemistry - A European Journal, 2017, 23, 10438-10450.	3.3	19
87	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
88	Naphthylâ€Fused Phosphepines: Luminescent Contorted Polycyclic Pâ€Heterocycles. Chemistry - A European Journal, 2020, 26, 1856-1863.	3.3	17
89	Photoelectron Spectra and Structures of Proazaphosphatranes. Inorganic Chemistry, 1996, 35, 6102-6107.	4.0	16
90	The Hexaphosphapentaprismane P6C4tBu4: A â€œJaws-Likeâ€•Cage Molecule That Bites!. Angewandte Chemie - International Edition, 2001, 40, 3474-3477.	13.8	16

#	Article	IF	Citations
91	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-triphosphabenzene on Treatment with the Amide Li[NPh(SiMe3)]. Chemistry - A European Journal, 2007, 13, 7121-7128.	3.3	16
92	Ambident PCN Heterocycles: Nâ€•and Pâ€Phosphanylation of Lithium 1,3â€Benzazaphospholides. Chemistry - A European Journal, 2009, 15, 12263-12272.	3.3	16
93	Structural and bonding aspects of molybdenum tricarbonyl complexes of 2,4,6-tritertiarybutyl-1,3,5-triphosphabenzene, P3C3But3 and some Î»3,Î»3,Î»5- and Î»3,Î»5,Î»5-alkylated derivatives. Comptes Rendus Chimie, 2010, 13, 1063-1072.	0.5	16
94	Substituent effect on the aromaticity of the silolide anion. Structural Chemistry, 2014, 25, 377-387.	2.0	16
95	Theoretical study of the hydrolysis of chlorosilane. Structural Chemistry, 2015, 26, 231-238.	2.0	16
96	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
97	Coordination Complexes of P-Containing Polycyclic Aromatic Hydrocarbons: Optical Properties and Solid-State Supramolecular Assembly. Organometallics, 2017, 36, 2502-2511.	2.3	16
98	Planar lithium silolide: aromaticity, with significant contribution of non-classical resonance structures. Chemical Communications, 2017, 53, 11064-11067.	4.1	16
99	A Stabilized Bisphosphanylsilylene and Its Heavier Congeners. Chemistry - A European Journal, 2018, 24, 16774-16778.	3.3	16
100	Chemistry and ligating properties of the 1,2,4-thiadiphosphole P2SC2But2. Journal of Organometallic Chemistry, 2002, 655, 7-15.	1.8	15
101	Edge modification of PAHs: the effect of embedded heterocycles on the aromaticity pattern. Structural Chemistry, 2015, 26, 1351-1357.	2.0	15
102	Observation of the Reaction Intermediates of Methanol Dehydrogenation by Cationic Vanadium Clusters. Angewandte Chemie - International Edition, 2021, 60, 4756-4763.	13.8	15
103	Syntheses and Theoretical and Mechanistic Aspects of 1-Thia-2,4- and 1-Thia-3,4-diphosphole Formed from CS2andtBuCP and Crystal and Molecular Structure of the First 1-Thia-3,4-diphosphole Complex:Â cis-[{PtCl2(PEt3)}2(P2SC2tBu2)]. Journal of the American Chemical Society, 2000, 122, 4557-4562.	13.7	14
104	A Promising Method for Phosphinidene Generation: Complexes of Phosphinidenes with Nâ€Donor ligands. Chemistry - A European Journal, 2008, 14, 902-908.	3.3	14
105	DFT study of possible lattice defects in methane-hydrate and their appearance in 13C NMR spectra. Chemical Physics Letters, 2010, 488, 168-172.	2.6	14
106	Towards Spontaneous Heterolysis of the Homonuclear Pï£¿P Bond in Diphosphines: The Case of Diazaphospholeniumtriphospholides. Chemistry - A European Journal, 2010, 16, 2857-2865.	3.3	14
107	1,4â€Diphosphinine aus Imidazolâ€2â€thionen. Angewandte Chemie, 2017, 129, 9359-9363.	2.0	14
108	Expanding the chemistry of ring-fused 1,4-diphosphinines by stable mono anion formation. Chemical Communications, 2018, 54, 13555-13558.	4.1	14

#	Article	IF	Citations
109	Relative stability and aromaticity of diazasilole isomers. Computational and Theoretical Chemistry, 1998, 431, 1-6.	1.5	13
110	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. Journal of Organometallic Chemistry, 1999, 588, 28-31.	1.8	13
111	Access to Metal Complexes of the Elusive Imidobis(phosphaalkene) Anion by Nâ€“Si Bond Cleavage of a Nâ€Silyliminoâ€Bridged Bis(phosphaalkene). European Journal of Inorganic Chemistry, 2010, 2010, 29-33.	2.0	13
112	Bisâ€[3]Ferrocenophanes with Central >Eâ”Eâ€™< Bonds (E, Eâ€™=P, SiH): Preparation, Properties, and Thermal Activation. ChemistryOpen, 2019, 8, 1235-1243.	1.9	13
113	endo and exo Ring fusion in the Dielsâ€“Alder reaction of 1-(2,4,6-trialkylphenyl-)3-methylphospholes with maleic acid derivatives. Tetrahedron, 2002, 58, 9801-9808.	1.9	12
114	Exceptional Coordination Mode of Unsaturated PNP Ligands (Me₃Si)₂C=PN(R)PPh₂ with Palladium and Platinum Dichlorides: Insertion of Phosphaalkene Phosphorus Atoms into Metalâ€“Chlorine Bonds. European Journal of Inorganic Chemistry, 2009, 2009, 2901-2905.	2.0	12
115	Iminoâ€Bridged Bisphosphaalkenes (2,4â€Diphosphaâ€3â€azapentadienes). Chemistry - A European Journal, 2010, 16, 4843-4851.	3.3	12
116	Analogy between sulfuryl and phosphino groups: the aromaticity of thiophene-oxide. Structural Chemistry, 2011, 22, 1385-1392.	2.0	12
117	Carbenes from Ionic Liquids. Topics in Current Chemistry, 2013, 351, 1-24.	4.0	12
118	Synthesis and NMR Characterization of 2,5-Bis(Trimethylsilyl)-3,4-Diphenyl-1-Silacyclopentadienyl Dianion. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 1076-1083.	1.6	12
119	Triazaphospholeniumâ€tetrafluoroborat: das Phosphoranalogon eines von 1,2,3â€Triazol abgeleiteten Carbens. Angewandte Chemie, 2017, 129, 16706-16712.	2.0	12
120	Synthesis, Optical, and Redox Properties of Regioisomeric Benzoheterocycles-Fused Pyrene. Journal of Organic Chemistry, 2019, 84, 957-962.	3.2	12
121	2â€(Dimethylamino)phosphinine: A Phosphorusâ€Containing Aniline Derivative. Angewandte Chemie - International Edition, 2021, 60, 3581-3586.	13.8	12
122	Stereospecific synthesis of chiral P-containing polyaromatics based on 7-membered P-rings. Chemical Communications, 2021, 57, 7256-7259.	4.1	12
123	From 2,4â€Diphosphaâ€3â€Thiaâ€and â€3â€Selenapentadienes [(Me₃Si)₂Cï£¾P]₂E to Heteronorbornane Cage Compounds. Angewandte Chemie - International Edition, 2007, 46, 8682-8685.	13.8	11
124	The Effect of the Primary Solvate Shell on the Mechanism of the StÃ¶ber Silica Synthesis. A Density Functional Investigation. Journal of Physical Chemistry A, 2009, 113, 1096-1104.	2.5	11
125	Photoelectron spectra of cyclopolysilanes. Monatshefte FÃ¼r Chemie, 1991, 122, 31-34.	1.8	10
126	The Aromaticity of Phosphorus Compounds. Phosphorus, Sulfur and Silicon and the Related Elements, 1996, 109, 109-112.	1.6	10

#	Article	IF	Citations
127	1-Triphenylstannyl-2,4,5-tritertiarybutyl-1,3-diphosphole, : Preparation, X-ray crystal structure, theoretical studies and solution fluxional behaviour. Journal of Organometallic Chemistry, 2005, 690, 3983-3989.	1.8	10
128	1,3-Diphosphetane-2,4-diyles--Cryptocarbenes?. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 1605-1608.	1.6	9
129	Synthetic, structural and theoretical studies on the new 2,3-dihydro-1,2,4-thia-, selena- and tellura-diphospholes, P2EC2But2(H)Me, (E=S, Se, Te) and their [M(CO)5] complexes (M=Cr, Mo, W). Journal of Organometallic Chemistry, 2002, 659, 84-91.	1.8	9
130	Di(phosphavinyl) Ethers (2,4-Diphospha-3-oxapentadienes). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 73-82.	0.7	9
131	Strategies toward phosphorus-containing PAHs and the effect of P-substitution on the electronic properties. Pure and Applied Chemistry, 2017, 89, 341-355.	1.9	9
132	Substituent effect on the hydrolysis of chlorosilanes: quantum chemical and QSPR study. Structural Chemistry, 2017, 28, 333-343.	2.0	9
133	Janus bis(NHCs) tuned by heteroatom-bridge oxidation states. Chemical Communications, 2020, 56, 2646-2649.	4.1	9
134	Screening of transition metal doped copper clusters for CO₂ activation. Physical Chemistry Chemical Physics, 2021, 23, 21738-21747.	2.8	9
135	Loss of hydrogen fluoride from C2H2F3O+. A theoretical study of a reaction mechanism. Chemical Physics Letters, 1995, 233, 340-346.	2.6	8
136	Modelling extended systems containing siloxane building blocks. Computational and Theoretical Chemistry, 2006, 770, 111-118.	1.5	8
137	Benzo-1,3,2-diazaphospholide and benzo-1,3,2-diazaphospholium: an isoelectronic aromatic anionâ€“cation pair. Chemical Communications, 2009, , 830-832.	4.1	8
138	Bonding in negative ions: the role of d orbitals in the heavy analogues of pyridine and furanradical anions. Physical Chemistry Chemical Physics, 2011, 13, 1663-1668.	2.8	8
139	Controllable access to P-functional [3]ferrocenophane and [4]ferrocenophane frameworks. Dalton Transactions, 2019, 48, 6236-6247.	3.3	8
140	A Ferrocenophane-Based Diaminophosphenium Ion. Organometallics, 2019, 38, 4717-4725.	2.3	8
141	Photoelectron spectrum and reactivity of silylalkyl sulphides. Stabilization of radical cations by the Î²-silyl effect. Journal of Organometallic Chemistry, 1993, 445, 29-34.	1.8	7
142	Nitrogen- and oxygen-bridged bidentate phosphaalkene ligands. Comptes Rendus Chimie, 2010, 13, 1111-1126.	0.5	7
143	The molecular imprinting effect of propranolol and dibenzylamine as model templates: Binding strength and selectivity. Analytica Chimica Acta, 2020, 1125, 258-266.	5.4	7
144	Assignment of photoelectron spectra by the help of density functional calculations. International Journal of Quantum Chemistry, 1997, 61, 399-403.	2.0	6

#	Article	IF	Citations
145	Diphosphetesâ€"substituent stabilized ring systems. Perkin Transactions II RSC, 2000, , 2324-2327.	1.1	6
146	Four consecutive reactions in one pot: cascade formation of an unprecedented triphosphatricyclo[3.2.1.02,7]oct-3-ene. Chemical Communications, 2019, 55, 13812-13815.	4.1	6
147	[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
148	Phosphinidene generation from phosphorus heterocycles and cages â€“ A theoretical study. Comptes Rendus Chimie, 2010, 13, 1048-1053.	0.5	5
149	Stretching the Pâ€"C Bond. Variations on Carbenes and Phosphanes. Journal of Physical Chemistry A, 2020, 124, 2660-2671.	2.5	5
150	A rigid anionic Janus bis(NHC) â€“ new opportunities in NHC chemistry. Dalton Transactions, 2021, 50, 689-695.	3.3	5
151	Reversible Redox Chemistry of Anionic Imidazole-2-thione-Fused 1,4-Dihydro-1,4-diphosphinines. Inorganic Chemistry, 2022, 61, 4639-4646.	4.0	5
152	New Conjugated Ï€-Systems Incorporating Phosphole Rings. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 1423-1425.	1.6	4
153	Reactivity of [M(i-⁴a€P₂C₂tBu₂)] (M = Ge, Sn), with tertâ€Butylphosphaethyne Pâ‰¡CtBu: Synthesis, Structural Characterisation and Computational Studies of the Novel Zwitterionic Organophosphorus Cage Compounds [MP₄C₄tBu₄] (M = Ge, Sn). European Journal of Inorganic Chemistry, 2008, 2008, 1761-1766.	2.0	4
154	Molecular level investigation of the dynamic structure model in molten and solid alkali glasses. Structural Chemistry, 2012, 23, 1729-1738.	2.0	4
155	Î· 1 -silolyl-FeCp(CO) 2 complexes. Is there a way to sila-ferrocene?. Journal of Organometallic Chemistry, 2015, 799-800, 291-298.	1.8	4
156	2â€(Dimethylamino)phosphinin: Ein phosphorhaltiges Anilinderivat. Angewandte Chemie, 2021, 133, 3625-3630.	2.0	4
157	Observation of the Reaction Intermediates of Methanol Dehydrogenation by Cationic Vanadium Clusters. Angewandte Chemie, 2021, 133, 4806-4813.	2.0	4
158	Phosphonio-benzophospholide Zwitterions as Bridging 8e-Donor Ligands: Synthetic and Mechanistic Studies. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 47-54.	1.2	3
159	Ambident Reactivity of PËCHâ€'Nâ€'Heterocycles: Lithiation and Substitution Sites. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 683-687.	1.6	3
160	Organocatalytic activity of [3]ferrocenophanes: a computational study. Structural Chemistry, 2016, 27, 1569-1576.	2.0	3
161	Toward a 1,4-Diphosphinine-Based Molecular CPS-Ternary Compound. Inorganic Chemistry, 2021, 60, 13029-13040.	4.0	3
162	CnH2nCl+ ion formation in electron impact MS conditions: a theoretical study. Structural Chemistry, 2014, 25, 659-665.	2.0	2

#	Article	IF	Citations
163	Remarkable Differences in Amine Substitution Reactions of Trichloromethyl and Trifluoromethyl Difluorophosphines, CX₃PF₂ (X = F, Cl): A Computational Study. Heteroatom Chemistry, 2015, 26, 307-312.	0.7	2
164	Significant Ï€-stacking effect between 2,4,6-triphenyl-1-phosphabenzenes. Structural Chemistry, 2017, 28, 1243-1253.	2.0	2
165	Overcrowded aminophospanitrenes: a case study. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 865-871.	0.7	2
166	Topologically diverse polycyclic aromatic hydrocarbons from pericyclic reactions with polyaromatic phospholes. New Journal of Chemistry, 2021, 45, 8118-8124.	2.8	2
167	2-Aryl-1,3-Benzoxaphospholes as Unwilling Participants for Catalytic Suzukiâ€“Miyaura CC Coupling Reactions. Organometallics, 2021, 40, 3436-3444.	2.3	2
168	Basicity-Tuned Reactivity: diaza-[1,2]-Wittig versus diaza-[1,3]-Wittig Rearrangements of 3,4-Dihydro-2H-1,2,3-benzothiadiazine 1,1-Dioxides. Journal of Organic Chemistry, 2021, 86, 1685-1700.	3.2	2
169	A new access to diazaphospholes via cycloadditionâ€“cycloreversion reactions on triazaphospholes. Chemical Communications, 2022, 58, 7745-7748.	4.1	2
170	Formation of selenaphosphole isomers from 1,2,4-selenadiphosphole by cycloaddition reaction. A synthetic and ab initio quantum chemical study. Perkin Transactions II RSC, 2001, , 1968-1972.	1.1	1
171	Introduction: Magdolna Hargittaiâ€”Scientist. Structural Chemistry, 2015, 26, 1163-1163.	2.0	1
172	The First Delocalized Phosphole Containing a Planar Tricoordinate Phosphorus Atom: 1-[Bis(trimethylsilyl)methyl]-3,5-bis(trimethylsilyl)-1,2,4-triphosphole. Angewandte Chemie - International Edition, 1998, 37, 1083-1086.	13.8	1
173	New Conjugated Ï€-Systems Incorporating Phosphole Rings. ChemInform, 2003, 34, no.	0.0	0
174	1,3-Diphosphetane-2,4-diyl-cryptocarbenes?. ChemInform, 2003, 34, no.	0.0	0
175	Bisâ€[3]Ferrocenophanes with Central >Eâ^'Eâ€™< Bonds (E, Eâ€™=P, SiH): Preparation, Properties, and Thermal Activation. ChemistryOpen, 2019, 8, 1224-1224.	1.9	0
176	Selectively Tunable Domino Reaction of 1,3â€Diphenylpropaneâ€1,3â€dione on the Ethoxyâ€Silicon Core. European Journal of Inorganic Chemistry, 2020, 2020, 656-664.	2.0	0
177	Phosphanylâ€Substituted Siloles: Synthesis, Optical and Electrochemical Studies and Computations. European Journal of Inorganic Chemistry, 2020, 2020, 1794-1802.	2.0	0
178	A Pâ€functionalized [3]ferrocenophane with a dynamic SPSâ€bridge. European Journal of Inorganic Chemistry, 0, , .	2.0	0