

RafaÅ, Grubba

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Monomeric Triphosphinoboranes: Intramolecular Lewis Acid–Base Interactions between Boron and Phosphorus Atoms. <i>Inorganic Chemistry</i> , 2022, 61, 4361-4370.	1.9	8
2	Exploring the Reactivity of Unsymmetrical Diphosphanes toward Heterocumulenes: Access to Phosphanyl and Phosphoryl Derivatives of Amides, Imines, and Iminoamides. <i>Inorganic Chemistry</i> , 2022, 61, 9523-9532.	1.9	2
3	Reactivity of bulky aminophosphanes towards small molecules: Activation of dihydrogen and carbon dioxide by aminophosphane/borane frustrated Lewis pairs. <i>Polyhedron</i> , 2021, 194, 114930.	1.0	3
4	Diphosphinoboranes as Intramolecular Frustrated Lewis Pairs: P–B Bond Systems for the Activation of Dihydrogen, Carbon Dioxide, and Phenyl Isocyanate. <i>Inorganic Chemistry</i> , 2021, 60, 3794-3806.	1.9	14
5	Iron complexes with terminal and nonbridging phosphanido ligands. <i>Inorganica Chimica Acta</i> , 2021, 520, 120266.	1.2	2
6	Sulfurization of phosphanylphosphinidene ligand: Access to phosphinothiyltrithiophosphonato platinum(II) complexes. <i>Inorganica Chimica Acta</i> , 2021, 523, 120413.	1.2	0
7	Homoleptic mono-, di-, and tetra-iron complexes featuring phosphido ligands: a synthetic, structural, and spectroscopic study. <i>Dalton Transactions</i> , 2020, 49, 10091-10103.	1.6	3
8	The Reactivity of Phosphanylphosphinidene Complexes of Transition Metals Toward Terminal Dihaloalkanes. <i>Inorganic Chemistry</i> , 2020, 59, 5463-5474.	1.9	3
9	Activation of N ₂ O and SO ₂ by the P–B Bond System. Reversible Binding of SO ₂ by the P–O–B Geminal Frustrated Lewis Pair. <i>Inorganic Chemistry</i> , 2020, 59, 6332-6337.	1.9	24
10	Structural and spectroscopic analysis of a new family of monomeric diphosphinoboranes. <i>Dalton Transactions</i> , 2019, 48, 12482-12495.	1.6	11
11	Diaminophosphinoboranes: effective reagents for phosphinoboration of CO ₂ . <i>RSC Advances</i> , 2019, 9, 27749-27753.	1.7	21
12	Syntheses and Structures of Transition Metal Complexes with Phosphanylphosphinidene Chalcogenide Ligands. <i>Inorganic Chemistry</i> , 2019, 58, 7905-7914.	1.9	6
13	Diphosphination of CO ₂ and CS ₂ mediated by frustrated Lewis pairs – catalytic route to phosphanyl derivatives of formic and dithioformic acid. <i>Chemical Communications</i> , 2019, 55, 2928-2931.	2.2	20
14	Symmetrical and unsymmetrical diphosphanes with diversified alkyl, aryl, and amino substituents. <i>Dalton Transactions</i> , 2018, 47, 16885-16894.	1.6	27
15	Syntheses, Structures and Reactivity of Terminal Phosphido Complexes of Iron(II) Supported by a η^2 -Diketiminato Ligand. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4298-4308.	1.0	17
16	The new diphosphanylphosphido complexes of tungsten(ν) and molybdenum(ν). Their synthesis, structures and properties. <i>Dalton Transactions</i> , 2018, 47, 10213-10222.	1.6	6
17	Bonding in Phosphanylphosphinidene Complexes of Transition Metals and their Correlation with Structures, ³¹ P NMR Spectra, and Reactivities. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3131-3141.	1.0	10
18	Phosphanylphosphido and phosphanylphosphinidene complexes of zirconium(IV) supported by bidentate N,N ligands. <i>Polyhedron</i> , 2017, 123, 353-360.	1.0	13

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19	Synthetic, Structural, and Spectroscopic Characterization of a Novel Family of High-Spin Iron(II) [(¹² -Diketimate)(phosphanylphosphido)] Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 11030-11042.	1.9	14
20	The reactivity of 1,1-dichloro-2,2-di-tert-butylidiphosphane towards lithiated metal carbonyls: a new entry to phosphanylphosphinidene dimers. <i>Dalton Transactions</i> , 2016, 45, 4961-4964.	1.6	8
21	An investigation on the chemistry of the R ₂ P ligand: reactions of a phosphanylphosphinidene complex of tungsten(VI) with electrophilic reagents. <i>Dalton Transactions</i> , 2016, 45, 2172-2179.	1.6	16
22	Reactivity of Phosphanylphosphinidene Complex of Tungsten(VI) toward Phosphines: A New Method of Synthesis of catena-Polyphosphorus Ligands. <i>Inorganic Chemistry</i> , 2015, 54, 8380-8387.	1.9	21
23	Reactivity of Diimido Complexes of Molybdenum and Tungsten towards Lithium Derivatives of Diphosphanes and Triphosphanes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1811-1817.	1.0	16
24	Formation of polyphosphorus ligands mediated by zirconium and hafnium complexes. <i>Polyhedron</i> , 2013, 55, 45-48.	1.0	9
25	Bis(diethylamido)(diethylamine)bis(2,6-diisopropylphenylamido)zirconium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m72-m72.	0.2	1
26	Access to Side-On Bonded Tungsten Phosphanylphosphinidene Complexes. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3263-3265.	1.0	28
27	Syntheses and structures of the first terminal phosphanylphosphido complexes of molybdenum(IV). <i>Polyhedron</i> , 2012, 39, 25-30.	1.0	21
28	Syntheses and structures of the first terminal phosphanylphosphido complex of hafnium [Cp ₂ Hf(Cl){1-(Me ₃ Si)P(NEt ₂) ₂ }] and the first zirconocene-phosphanylphosphinidene dimer [Cp ₂ Zr{1/2-P(NEt ₂) ₂ } ₂ ZrCp ₂]. <i>Dalton Transactions</i> , 2011, 40, 2017.	1.6	34
29	Reactions of Lithiated Diphosphanes R ₂ P(SiMe ₃)Li (R = tBu, iPr, iPr ₂ N, Et ₂ N) with [Cp ₂ WCl ₂]. Syntheses and Structures of the First Terminal Phosphanylphosphido Complexes of Tungsten(IV). <i>Organometallics</i> , 2011, 30, 6655-6660.	1.1	24
30	General route for the synthesis of terminal phosphanylphosphido complexes of Zr(IV) and Hf(IV): Structural investigations of the first zirconium complex with a phosphanylphosphido ligand. <i>Polyhedron</i> , 2011, 30, 1238-1243.	1.0	21
31	Reactions of Lithium Salts of Triphosphanes (t-Bu) ₂ Pa-PLi and (t-Bu) ₂ Pa-PLi with Metal Complexes [(R) ₃ P] ₂ MCl ₂ (M = Ni, Pd, Pt). <i>Journal of Organometallic Chemistry</i> , 2011, 877, 107-114.	0.2	3
32	Dispiro[cyclopropane-1,5-endo-tricyclo[5.2.1.0 ^{2,6}]deca-3,8-diene-10,1-endo-cyclopropane]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o1648-o1648.	0.2	0
33	catena-Poly[[[(tetrahydrofuran- ¹⁸ O)lithium(I)]-bis(1/4-trimethylsilanolato- ¹⁸ O)-gallium(III)-bis(1/4-trimethylsilanolato- ¹⁸ O)]-(tetrahydrofuran- ¹⁸ O)] _n . <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1242-m1242.	0.2	0
34	[N,N'-Bis(2,6-diisopropylphenyl)pentane-2,4-diamine(1-)]-1/2-chlorido-1:2-Cl:Cl-chlorido-2-Cl-bis(1,2-dimethoxyethane)zirconium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m707-m707.	0.2	3
35	1,1,2,2-Tetrakis(diisopropylamino)diphosphane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o2214-o2214.	0.2	6
36	The Reactions of Sodium Silanethiolates with Benzoyl Chloride. The Crystal Structures of (OSi)thiobenzoates (t-BuO) ₃ SiOC(S)Ph, Ph ₃ SiOC(S)Ph, (2,6-XyO) ₃ SiOC(S)Ph, and of PhC(O)SSC(O)Ph. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 730-734.	0.6	6

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37	Magnetic resonance of the new neutral Al cluster radical $[Al_{7}R_{6}]$. Europhysics Letters, 2008, 82, 37002.	0.7	6
38	(Cyclopentadienyl){(N,N-dimethylaminoethyl)cyclopentadienyl} complexes of zirconium: Crystal structure of $[(\eta^5-C_5H_5)(\eta^5-C_5H_4CH_2CH_2NHMe_2)ZrCl_2]_2[ZrCl_6]$. Polyhedron, 2007, 26, 1579-1582.	1.0	2
39	Syntheses and crystal structures of lithium derivatives of diphosphanes $R_2P(SiMe_3)Li \cdot 3L$, R=Ph, iPr and iPr ₂ N, L=THF or DME. Polyhedron, 2007, 26, 5491-5496.	1.0	21
40	A new synthetic entry to phosphinophosphinidene complexes. Synthesis and structural characterisation of the first side-on bonded and the first terminally bonded phosphinophosphinidene zirconium complexes $[\eta^4-(1,2\text{-}i\text{-}t\text{-}Bu_2P=P)\{Zr(Cl)Cp_2\}_2]$ and $[\{Zr(PPhMe_2)Cp_2\}(\eta^1-P=PtBu_2)]$. Chemical Communications, 2004, , 2478-2479.	2.2	59