

Keith Izod

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9040099/keith-izod-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81
papers

1,653
citations

24
h-index

35
g-index

83
ext. papers

1,800
ext. citations

4.9
avg, IF

4.51
L-index

#	Paper	IF	Citations
81	Phosphido-bis(borane) complexes of the alkaline earth metals. <i>Dalton Transactions</i> , 2021 , 50, 1019-1024	4.3	2
80	Alkyl, carbonyl and cyanide complexes of the group 3 metals and lanthanides 2021 ,		0
79	P-Ge/Sn Interactions Versus AreneGe/Sn Contacts for the Stabilization of Diphosphatetrylenes, (RP)E (E = Ge, Sn). <i>Inorganic Chemistry</i> , 2020 , 59, 863-874	5.1	2
78	Unexpected Activation of Ethers and Polysiloxanes by a Phosphine-Borane-Stabilized 1,3-Dicarbonyl/Butyllithium Couple. <i>Organometallics</i> , 2019 , 38, 2654-2663	3.8	2
77	An Acyclic Arsenium Cation Stabilised by a Single PAs Interaction and a Cyclic Diphosphinophosphonium Salt. <i>Angewandte Chemie</i> , 2019 , 131, 11123-11128	3.6	1
76	An Acyclic Arsenium Cation Stabilised by a Single P-As Interaction and a Cyclic Diphosphinophosphonium Salt. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11007-11012	16.4	6
75	A diarsagermylene and a diarsastannylene stabilised by areneGe/Sn interactions. <i>Chemical Communications</i> , 2018 , 54, 2526-2529	5.8	8
74	Influence of Chain Length on the Structures and Dynamic Behavior of Alkyl-Tethered Diphosphide Complexes of Lithium and Their Use in the Synthesis of P-Heterocyclic Stannylenes. <i>Inorganic Chemistry</i> , 2018 , 57, 14733-14747	5.1	1
73	A Fully Phosphane-Substituted Disilene. <i>Angewandte Chemie</i> , 2017 , 129, 5685-5689	3.6	2
72	A Fully Phosphane-Substituted Disilene. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5593-5597	16.4	8
71	Alkali-Metal- and Alkaline-Earth-Metal-Mediated C-D Activation of an Anisole-Substituted Phosphido-Borane Ligand. <i>Organometallics</i> , 2017 , 36, 2218-2227	3.8	2
70	A Suite of Sterically-Demanding Hybrid Alkyl/Cyclopentadienyl Ligands. <i>Organometallics</i> , 2017 , 36, 4238-4245	3.8	1
69	Desolvation and aggregation of sterically demanding alkali metal diarylphosphides. <i>Dalton Transactions</i> , 2017 , 46, 13824-13834	4.3	8
68	Remote Substituent Effects on the Structures and Stabilities of P?E E-Stabilized Diphosphatetrylenes (RP)E (E = Ge, Sn). <i>Inorganic Chemistry</i> , 2016 , 55, 10510-10522	5.1	20
67	Dibenzylstrontium and -barium: Simple Molecules with Complex Structures. <i>Organometallics</i> , 2015 , 34, 2726-2730	3.8	18
66	Structural Diversity in Alkaline Earth Metal Complexes of a Phosphine-Borane-Stabilized 1,3-Dicarbonyl. <i>Organometallics</i> , 2015 , 34, 2406-2414	3.8	6
65	Impact of a rigid backbone on the structure of an agostically-stabilised dialkylstannylene: isolation of an unusual bridged stannyl-stannylene. <i>Chemical Communications</i> , 2015 , 51, 679-81	5.8	12

64	Stabilization of a diphosphagermylene through p π -p π interactions with a trigonal-planar phosphorus center. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3636-40	16.4	38
63	Synthesis and Structural Characterization of Phosphine-Borane-Stabilized Dicarbanions with either Rigid or Flexible Spacers. <i>Organometallics</i> , 2014 , 33, 378-386	3.8	11
62	Stabilization of a Diphosphagermylene through p π -p π interactions with a Trigonal-Planar Phosphorus Center. <i>Angewandte Chemie</i> , 2014 , 126, 3710-3714	3.6	19
61	Synthesis and structure of an acyclic dialkylstannylene. <i>Main Group Metal Chemistry</i> , 2014 , 37,	1.6	4
60	Synthesis and structural characterisation of an unusual phosphine-borane-substituted organoplumbate. <i>Journal of Organometallic Chemistry</i> , 2013 , 725, 11-14	2.3	9
59	Light-induced rearrangement of thioether-substituted phosphanide ligands: scope and limitations of a remarkable isomerization. <i>Chemistry - A European Journal</i> , 2013 , 19, 6094-107	4.8	3
58	Phosphido-borane and phosphido-bis(borane) complexes of the alkali metals, a comparative study. <i>Inorganic Chemistry</i> , 2013 , 52, 1466-75	5.1	17
57	Heavier group 14 complexes with anionic P-donor ligands. <i>Coordination Chemistry Reviews</i> , 2012 , 256, 2972-2993	23.2	26
56	Benzyl Ether-Substituted Phosphido-Borane Complexes of the Alkali Metals. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 1696-1701	2.3	13
55	Hypervalent Sulfur-Functionalized Diphosphagermylene and Diphosphastannylene Compounds. <i>Organometallics</i> , 2012 , 31, 246-255	3.8	11
54	Edge- versus vertex-inversion at trigonal pyramidal Ge(II) centers--a new aromatic anchimerically assisted edge-inversion mechanism. <i>Inorganic Chemistry</i> , 2011 , 50, 3651-61	5.1	10
53	Synthesis, structures and stabilities of thioanisole-functionalised phosphido-borane complexes of the alkali metals. <i>Dalton Transactions</i> , 2011 , 40, 11712-8	4.3	15
52	Synthesis, Structures, and Dynamic Behavior of Intramolecularly Base-Stabilized Diphosphatetrylenes Containing a Five-Membered Chelate Ring. <i>Organometallics</i> , 2010 , 29, 108-116	3.8	21
51	Synthesis, Structure, and Solution Behavior of a Phosphine-Borane-Stabilized 1,3-Dicarbanion. <i>Organometallics</i> , 2010 , 29, 4774-4777	3.8	16
50	Germanium(II) and tin(II) complexes of a sterically demanding phosphanide ligand. <i>Inorganic Chemistry</i> , 2010 , 49, 4698-707	5.1	33
49	Oxidation reactions of a phosphine-borane-stabilised dialkylstannylene. <i>Dalton Transactions</i> , 2010 , 39, 2379-84	4.3	14
48	Lanthanide(II) complexes of a phosphine-borane-stabilised carbanion. <i>Dalton Transactions</i> , 2010 , 39, 6705-9	4.3	9
47	Acyclic Dialkylstannylene and -Plumbylene Compounds That Are Monomeric in the Solid State. <i>Organometallics</i> , 2009 , 28, 5661-5668	3.8	21

46	Dynamic Behavior of Intramolecularly Base-Stabilized Phosphatetrylenes. Insights into the Inversion Processes of Trigonal Pyramidal Germanium(II) and Tin(II) Centers. <i>Organometallics</i> , 2009 , 28, 3327-3337	3.8	34
45	Synthesis and structural characterisation of alkali metal complexes of heteroatom-stabilised 1,4- and 1,6-dicarbaniions. <i>Dalton Transactions</i> , 2009 , 3340-7	4.3	18
44	Seven-Membered Cyclic Dialkylstannylene and -Plumbylene Compounds Stabilized by Agostic-type B σ -E Interactions [E = Sn, Pb]. <i>Organometallics</i> , 2009 , 28, 2211-2217	3.8	22
43	Alkali metal complexes of a naphthylamine-substituted phosphanide. <i>Dalton Transactions</i> , 2008 , 363-70	4.3	6
42	Agostic-Type B σ -Pb Interactions Stabilize a Dialkylplumbylene. Structure of and Bonding in [(nPr ₂ P(BH ₃))(Me ₃ Si)C(CH ₂) ₂] ₂ Pb. <i>Organometallics</i> , 2008 , 27, 4386-4394	3.8	22
41	Alkali metal complexes of sterically demanding amino-functionalized secondary phosphanide ligands. <i>Dalton Transactions</i> , 2007 , 257-64	4.3	24
40	Alkali metal complexes of a phosphine-borane-stabilised carbanion: influence of co-ligands on structure. <i>Dalton Transactions</i> , 2007 , 3669-75	4.3	17
39	Metalation of TrimethylphosphineBorane. Unexpected Reactivity of a Simple PhosphineBorane-Stabilized Carbanion toward Siloxanes. <i>Organometallics</i> , 2007 , 26, 2861-2866	3.8	25
38	Alkaline earth metal complexes of a phosphine-borane-stabilized carbanion: synthesis, structures, and stabilities. <i>Inorganic Chemistry</i> , 2007 , 46, 4320-5	5.1	34
37	Synthesis and Structures of Ln(II) and Ln(III) Dialkyls Derived from LnI ₂ (Ln = Nd, Tm, Yb). <i>Organometallics</i> , 2007 , 26, 2646-2651	3.8	31
36	σ -Bonded organometallic derivatives of yttrium(III) and thulium(III): An unusual ligand coupling reaction mediated by thulium(III). <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 806-812	2.3	10
35	Amino-functionalised diarylphosphide complexes of the alkali metals and lanthanum. <i>Dalton Transactions</i> , 2006 , 3431-7	4.3	13
34	Alkali metal complexes of sterically hindered mono- and di-carbaniions containing Si-O bonds. <i>Dalton Transactions</i> , 2006 , 502-8	4.3	13
33	Heteroleptic Complexes of Lanthanum(III) and Neodymium(III) with Oxygen- or Nitrogen-Functionalized Tris(triorganosilyl)methyl Ligands. <i>Organometallics</i> , 2006 , 25, 2999-3006	3.8	17
32	Synthesis, Crystal Structure, and Solution Behavior of a Sterically Hindered σ -Metalated Phosphine-Borane. <i>Organometallics</i> , 2006 , 25, 38-40	3.8	30
31	Heavier Alkali Metal Complexes of a Silicon- and Phosphine-Borane-Stabilized Carbanion. <i>Organometallics</i> , 2006 , 25, 5326-5332	3.8	25
30	Stabilization of a Dialkylstannylene by Unusual B σ -Sn σ -Agostic-Type Interactions. A Structural, Spectroscopic, and DFT Study. <i>Organometallics</i> , 2006 , 25, 1135-1143	3.8	30
29	Effect of peripheral donor substituents on the binding modes of phosphinomethanide ligands. Synthesis and crystal structures of alkali metal derivatives of an O-functionalised phosphinomethanide ligand. <i>Dalton Transactions</i> , 2005 , 1658-63	4.3	9

28	An Intramolecularly Base-Stabilized Diphosphagermylene and Two Unusual Germanium(II) Ate Complexes: A Structural, NMR, and DFT Study. <i>Organometallics</i> , 2005 , 24, 2157-2167	3.8	35
27	Synthesis and structural characterisation of a novel phosphine-borane-stabilised dicarbanion and an unusual bis(phosphine-borane). <i>Chemical Communications</i> , 2004 , 570-1	5.8	28
26	Protonation of a lanthanum phosphide-alkyl occurs at the P-La not the C-La bond: isolation of a cationic lanthanum alkyl complex. <i>Chemical Communications</i> , 2004 , 1748-9	5.8	28
25	Complexes of a dianionic bis(diphosphinomethanide) with lithium, sodium, potassium and zirconium. Effect of substitution on the Schlenk dimerisation of vinylidene phosphines. <i>Dalton Transactions</i> , 2004 , 4074-8	4.3	8
24	Complexes of the heavier alkaline Earth metals Ca, Sr, and Ba with O-functionalized phosphanide ligands. <i>Inorganic Chemistry</i> , 2004 , 43, 8526-31	5.1	19
23	Synthesis and Reactions of Sterically Encumbered, Heteroleptic Lanthanum Phosphides. Structural Characterization of $[\{(Me_3Si)_2CH\}-(C_6H_4-2-CH_2NMe_2)P]_2La(OR)$ and $[\{(Me_3Si)_2CH\}-(C_6H_4-2-CH_2NMe_2)P]La(THF)[P(C_6H_4-2-CH_2NMe_2)-\{CH(SiMe_3)(SiMe_2CH_2)\}]$ [R = i-Pr, t-Bu]. <i>Organometallics</i> , 2004 , 23, 2731-2742	3.8	25
22	Organomagnesium Phosphanide Grignard Analogues: Synthesis, Structural Characterisation and Solution Behaviour of $[BuMg\{P(CH(SiMe_3)_2)(C_6H_3-2-OMe-3R)\}]_2$ [R = H, Me]. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 3319-3324	2.3	15
21	C2-Symmetric ytterbium(II) complexes with a novel, chiral P,N-donor ligand. <i>Journal of Organometallic Chemistry</i> , 2003 , 688, 92-99	2.3	10
20	A new era in divalent organolanthanide chemistry?. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 743-4	16.4	24
19	Unusual Solvent-Promoted Smiles Rearrangement of Two Different Phosphorus-Containing Organolithium Compounds to the Same Lithium Phosphide. Crystal Structure of $MeP\{C_6H_4-2-CH(C_6H_4-2-CH_2NMe_2)NMe_2\}Li(THF)_2$. <i>Organometallics</i> , 2002 , 21, 641-646	3.8	14
18	A homologous series of alkaline earth phosphanides: syntheses, crystal structures, and unusual dynamic behavior of $(THF)_nM\{P(CH(SiMe_3)_2)(C_6H_4-2-CH_2NMe_2)\}_2$ (M = Mg, Ca, Sr, Ba). <i>Inorganic Chemistry</i> , 2002 , 41, 3886-93	5.1	34
17	Dilithio-1,1,2-tris(diphenylphosphinoyl)ethane-1,2-diide: the first formal 1,2-dicarbanion stabilised by phosphorus?. <i>Chemical Communications</i> , 2002 , 2532-2533	5.8	5
16	Regioselective Metalation of a Tertiary Phosphine. Synthesis and Structural Characterization of an Unusual Tetrameric Lithium Phosphinomethanide. <i>Organometallics</i> , 2001 , 20, 648-653	3.8	12
15	The First Structurally Authenticated RbP_3 and CsP_3 Contacts. Synthesis and Crystal Structures of $[Rb\{(Me_3Si)_2CP(C_6H_4-2-CH_2NMe_2)_2\}]_n$ and $[Cs\{(Me_3Si)_2CP(C_6H_4-2-CH_2NMe_2)_2\}(toluene)]_n$. <i>Organometallics</i> , 2001 , 20, 367-369	3.8	19
14	Synthesis and crystal structure of a homoleptic, alkali metal-free lanthanide(II) phosphide complex. <i>Journal of Organometallic Chemistry</i> , 2000 , 613, 128-131	2.3	13
13	Synthesis and structural characterization of Sm(II) and Yb(II) complexes containing sterically demanding, chelating secondary phosphide ligands. <i>Inorganic Chemistry</i> , 2000 , 39, 4741-8	5.1	33
12	Synthesis and Structural Characterization of the First Lanthanide(II) Cuboidal Cluster. Unexpected CD Activation by an Unchanged Ytterbium(II) Center. <i>Organometallics</i> , 2000 , 19, 2090-2096	3.8	43
11	Parallels between the Chemistry of Calcium(II) and Ytterbium(II). Synthesis and Crystal Structure of a Calcium Alkoxo-Phosphide Cuboidal Complex. <i>Organometallics</i> , 2000 , 19, 3640-3643	3.8	39

10	Group I complexes of P- and as-donor ligands. <i>Advances in Inorganic Chemistry</i> , 2000 , 50, 33-107	2.1	63
9	Synthesis, Structures, and Solution Dynamics of Functionalized Phosphinomethanide Complexes of the Alkali Metals. <i>Organometallics</i> , 2000 , 19, 4531-4535	3.8	10
8	First Structurally Authenticated Heavier Alkali Metal Phosphinomethanide. <i>Organometallics</i> , 1999 , 18, 2939-2940	3.8	11
7	Regioselective Metalation of a Tertiary Phosphine. Solution and Solid-State Structures of an Unusual Aminobenzyl lithium Complex. <i>Organometallics</i> , 1999 , 18, 3950-3952	3.8	19
6	Alkali-Metal-Mediated Coupling of a Phosphorus-Substituted Alkene. Structural Characterization of Dilithium 1,1,4,4-Tetrakis(diphenylphosphino)butane-1,4-diide. <i>Organometallics</i> , 1998 , 17, 5231-5232	3.8	13
5	Alkyl Derivatives of Europium(+2) and Ytterbium(+2). Crystal Structures of $\text{Eu}[\text{C}(\text{SiMe}_3)_3]_2$, $\text{Yb}[\text{C}(\text{SiMe}_3)_2(\text{SiMe}_2\text{CH}_2)]_2 \cdot 2\text{Et}_2\text{O}$ and $\text{Yb}[\text{C}(\text{SiMe}_3)_2(\text{SiMe}_2\text{OMe})]_2 \cdot 2\text{Et}_2\text{O}$. <i>Organometallics</i> , 1996 , 15, 4783-4790	3.8	98
4	Two Diorganopotassiums: Crystal Structure of $[\text{K}(\text{C}_6\text{H}_6)]_2[\text{K}(\text{C}(\text{SiMe}_3)_2(\text{SiMe}_2\text{Ph}))_2]$. <i>Angewandte Chemie International Edition in English</i> , 1996 , 34, 2679-2680		31
3	Metalation of Tris(trimethylsilyl)- and Tris(dimethylphenylsilyl)methane with Methylsodium: The First Dialkylsodiate. <i>Angewandte Chemie International Edition in English</i> , 1994 , 33, 1268-1270		38
2	A Monomeric Solvent-Free Bent Lanthanide Dialkyl and a Lanthanide Analog of a Grignard Reagent. Crystal Structures of $\text{Yb}[\text{C}(\text{SiMe}_3)_3]_2$ and $[\text{Yb}[\text{C}(\text{SiMe}_3)_3]_2] \cdot 2\text{OEt}_2$. <i>Journal of the American Chemical Society</i> , 1994 , 116, 12071-12072	16.4	135
1	Crystal Structures of (Tris(trimethylsilyl)methyl)- and (Tris(dimethylphenylsilyl)methyl)potassium. <i>Organometallics</i> , 1994 , 13, 753-754	3.8	62