

# Keith Izod

## List of Publications by Citations

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81  
papers

1,653  
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24  
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35  
g-index

83  
ext. papers

1,800  
ext. citations

4.9  
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L-index

#	Paper	IF	Citations
81	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 $[\text{Yb}\{\text{C}(\text{SiMe}_3)_3\}_2 \cdot \text{OEt}_2]$ . <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 12071-12072	16.4	135
80	Alkyl Derivatives of Europium(+2) and Ytterbium(+2). Crystal Structures of $\text{Eu}\{\text{C}(\text{SiMe}_3)_3\}_2$ , $\text{Yb}\{\text{C}(\text{SiMe}_3)_2(\text{SiMe}_2\text{CH}_2)\}_2$ and $\text{Yb}\{\text{C}(\text{SiMe}_3)_2(\text{SiMe}_2\text{OMe})\}_2$ . <i>Organometallics</i> , <b>1996</b> , 15, 4783-4790	3.8	98
79	Group I complexes of P- and as-donor ligands. <i>Advances in Inorganic Chemistry</i> , <b>2000</b> , 50, 33-107	2.1	63
78	Crystal Structures of (Tris(trimethylsilyl)methyl)- and (Tris(dimethylphenylsilyl)methyl)potassium. <i>Organometallics</i> , <b>1994</b> , 13, 753-754	3.8	62
77	Synthesis and Structural Characterization of the First Lanthanide(II) Cuboidal Cluster. Unexpected $\text{C}\equiv\text{O}$ Activation by an Unchanged Ytterbium(II) Center. <i>Organometallics</i> , <b>2000</b> , 19, 2090-2096	3.8	43
76	Parallels between the Chemistry of Calcium(II) and Ytterbium(II). Synthesis and Crystal Structure of a Calcium Alkoxo-Phosphide Cuboidal Complex. <i>Organometallics</i> , <b>2000</b> , 19, 3640-3643	3.8	39
75	Stabilization of a diphosphagermylene through $\text{p}\pi\text{-p}\pi$ interactions with a trigonal-planar phosphorus center. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 3636-40	16.4	38
74	Metalation of Tris(trimethylsilyl)- and Tris(dimethylphenylsilyl)methane with Methylsodium: The First Dialkylsodate. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 1268-1270		38
73	An Intramolecularly Base-Stabilized Diphosphagermylene and Two Unusual Germanium(II) Ate Complexes: A Structural, NMR, and DFT Study. <i>Organometallics</i> , <b>2005</b> , 24, 2157-2167	3.8	35
72	Dynamic Behavior of Intramolecularly Base-Stabilized Phosphatetrylenes. Insights into the Inversion Processes of Trigonal Pyramidal Germanium(II) and Tin(II) Centers. <i>Organometallics</i> , <b>2009</b> , 28, 3327-3337	3.8	34
71	Alkaline earth metal complexes of a phosphine-borane-stabilized carbanion: synthesis, structures, and stabilities. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 4320-5	5.1	34
70	A homologous series of alkaline earth phosphanides: syntheses, crystal structures, and unusual dynamic behavior of $(\text{THF})_n\text{M}[\text{P}(\text{CH}(\text{SiMe}_3)_2)(\text{C}_6\text{H}_4\text{-2-CH}_2\text{NMe}_2)]_2$ (M = Mg, Ca, Sr, Ba). <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 3886-93	5.1	34
69	Germanium(II) and tin(II) complexes of a sterically demanding phosphanide ligand. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 4698-707	5.1	33
68	Synthesis and structural characterization of Sm(II) and Yb(II) complexes containing sterically demanding, chelating secondary phosphide ligands. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 4741-8	5.1	33
67	Synthesis and Structures of Ln(II) and Ln(III) Dialkyls Derived from $\text{LnI}_2$ (Ln = Nd, Tm, Yb). <i>Organometallics</i> , <b>2007</b> , 26, 2646-2651	3.8	31
66	Two Diorganopotassates: 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> , <b>1996</b> , 34, 2679-2680		31
65	Synthesis, Crystal Structure, and Solution Behavior of a Sterically Hindered $\pi$ -Metalated Phosphine-Borane. <i>Organometallics</i> , <b>2006</b> , 25, 38-40	3.8	30

64	Stabilization of a Dialkylstannylene by Unusual B $\sigma$ -Agostic-Type Interactions. A Structural, Spectroscopic, and DFT Study. <i>Organometallics</i> , <b>2006</b> , 25, 1135-1143	3.8	30
63	Synthesis and structural characterisation of a novel phosphine-borane-stabilised dicarbanion and an unusual bis(phosphine-borane). <i>Chemical Communications</i> , <b>2004</b> , 570-1	5.8	28
62	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> , <b>2004</b> , 1748-9	5.8	28
61	Heavier group 14 complexes with anionic P-donor ligands. <i>Coordination Chemistry Reviews</i> , <b>2012</b> , 256, 2972-2993	23.2	26
60	Metalation of TrimethylphosphineBorane. Unexpected Reactivity of a Simple PhosphineBorane-Stabilized Carbanion toward Siloxanes. <i>Organometallics</i> , <b>2007</b> , 26, 2861-2866	3.8	25
59	Heavier Alkali Metal Complexes of a Silicon- and Phosphine-Borane-Stabilized Carbanion. <i>Organometallics</i> , <b>2006</b> , 25, 5326-5332	3.8	25
58	Synthesis and Reactions of Sterically Encumbered, Heteroleptic Lanthanum Phosphides. Structural Characterization of [((Me <sub>3</sub> Si) <sub>2</sub> CH)-(C <sub>6</sub> H <sub>4</sub> -2-CH <sub>2</sub> NMe <sub>2</sub> )P] <sub>2</sub> La(OR) and [((Me <sub>3</sub> Si) <sub>2</sub> CH)-(C <sub>6</sub> H <sub>4</sub> -2-CH <sub>2</sub> NMe <sub>2</sub> )P]La(THF)[P(C <sub>6</sub> H <sub>4</sub> -2-CH <sub>2</sub> NMe <sub>2</sub> )-{CH(SiMe <sub>3</sub> )(SiMe <sub>2</sub> CH <sub>2</sub> )}] [R = i-Pr, t-Bu]. <i>Organometallics</i> , <b>2004</b> , 23, 2734-2743	3.8	25
57	Alkali metal complexes of sterically demanding amino-functionalized secondary phosphanide ligands. <i>Dalton Transactions</i> , <b>2007</b> , 257-64	4.3	24
56	A new era in divalent organolanthanide chemistry?. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 743-4	16.4	24
55	Seven-Membered Cyclic Dialkylstannylene and -Plumbylene Compounds Stabilized by Agostic-type B $\sigma$ -E Interactions [E = Sn, Pb]. <i>Organometallics</i> , <b>2009</b> , 28, 2211-2217	3.8	22
54	Agostic-Type B $\sigma$ -Pb Interactions Stabilize a Dialkylplumbylene. Structure of and Bonding in [nPr <sub>2</sub> P(BH <sub>3</sub> ))(Me <sub>3</sub> Si)C(CH <sub>2</sub> ) <sub>2</sub> Pb. <i>Organometallics</i> , <b>2008</b> , 27, 4386-4394	3.8	22
53	Synthesis, Structures, and Dynamic Behavior of Intramolecularly Base-Stabilized Diphosphatetrylenes Containing a Five-Membered Chelate Ring. <i>Organometallics</i> , <b>2010</b> , 29, 108-116	3.8	21
52	Acyclic Dialkylstannylene and -Plumbylene Compounds That Are Monomeric in the Solid State. <i>Organometallics</i> , <b>2009</b> , 28, 5661-5668	3.8	21
51	Remote Substituent Effects on the Structures and Stabilities of P $\sigma$ -E Stabilized Diphosphatetrylenes (RP)E (E = Ge, Sn). <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 10510-10522	5.1	20
50	Stabilization of a Diphosphagermylene through p $\sigma$ -Interactions with a Trigonal-Planar Phosphorus Center. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 3710-3714	3.6	19
49	Complexes of the heavier alkaline Earth metals Ca, Sr, and Ba with O-functionalized phosphanide ligands. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 8526-31	5.1	19
48	The First Structurally Authenticated Rb $\sigma$ and Cs $\sigma$ Contacts. Synthesis and Crystal Structures of [Rb{(Me <sub>3</sub> Si) <sub>2</sub> CP(C <sub>6</sub> H <sub>4</sub> -2-CH <sub>2</sub> NMe <sub>2</sub> ) <sub>2</sub> }] <sub>n</sub> and [Cs{(Me <sub>3</sub> Si) <sub>2</sub> CP(C <sub>6</sub> H <sub>4</sub> -2-CH <sub>2</sub> NMe <sub>2</sub> ) <sub>2</sub> }(toluene)] <sub>n</sub> . <i>Organometallics</i> , <b>2001</b> , 20, 367-369	3.8	19
47	Regioselective Metalation of a Tertiary Phosphine. Solution and Solid-State Structures of an Unusual Aminobenzylithium Complex. <i>Organometallics</i> , <b>1999</b> , 18, 3950-3952	3.8	19

46	Dibenzylstrontium and -barium: Simple Molecules with Complex Structures. <i>Organometallics</i> , <b>2015</b> , 34, 2726-2730	3.8	18
45	Synthesis and structural characterisation of alkali metal complexes of heteroatom-stabilised 1,4- and 1,6-dicarbocations. <i>Dalton Transactions</i> , <b>2009</b> , 3340-7	4.3	18
44	Phosphido-borane and phosphido-bis(borane) complexes of the alkali metals, a comparative study. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 1466-75	5.1	17
43	Alkali metal complexes of a phosphine-borane-stabilised carbanion: influence of co-ligands on structure. <i>Dalton Transactions</i> , <b>2007</b> , 3669-75	4.3	17
42	Heteroleptic Complexes of Lanthanum(III) and Neodymium(III) with Oxygen- or Nitrogen-Functionalized Tris(triorganosilyl)methyl Ligands. <i>Organometallics</i> , <b>2006</b> , 25, 2999-3006	3.8	17
41	Synthesis, Structure, and Solution Behavior of a Phosphine-Borane-Stabilized 1,3-Dicarbocation. <i>Organometallics</i> , <b>2010</b> , 29, 4774-4777	3.8	16
40	Synthesis, structures and stabilities of thioanisole-functionalised phosphido-borane complexes of the alkali metals. <i>Dalton Transactions</i> , <b>2011</b> , 40, 11712-8	4.3	15
39	Organomagnesium Phosphanide Grignard Analogues [Synthesis, Structural Characterisation and Solution Behaviour of [BuMg{P(CH[SiMe <sub>3</sub> ) <sub>2</sub> ](C <sub>6</sub> H <sub>3</sub> -2-OMe-3R))] <sub>2</sub> [R = H, Me]. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 3319-3324	2.3	15
38	Oxidation reactions of a phosphine-borane-stabilised dialkylstannylene. <i>Dalton Transactions</i> , <b>2010</b> , 39, 2379-84	4.3	14
37	Unusual Solvent-Promoted Smiles Rearrangement of Two Different Phosphorus-Containing Organolithium Compounds to the Same Lithium Phosphide. Crystal Structure of MeP{C <sub>6</sub> H <sub>4</sub> -2-CH(C <sub>6</sub> H <sub>4</sub> -2-CH <sub>2</sub> NMe <sub>2</sub> )NMe <sub>2</sub> }Li(THF) <sub>2</sub> . <i>Organometallics</i> , <b>2002</b> , 21, 641-646	3.8	14
36	Benzyl Ether-Substituted Phosphido-Borane Complexes of the Alkali Metals. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 1696-1701	2.3	13
35	Amino-functionalised diarylphosphide complexes of the alkali metals and lanthanum. <i>Dalton Transactions</i> , <b>2006</b> , 3431-7	4.3	13
34	Alkali metal complexes of sterically hindered mono- and di-carbocations containing Si-O bonds. <i>Dalton Transactions</i> , <b>2006</b> , 502-8	4.3	13
33	Synthesis and crystal structure of a homoleptic, alkali metal-free lanthanide(II) phosphide complex. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 613, 128-131	2.3	13
32	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> , <b>1998</b> , 17, 5231-5232	3.8	13
31	Impact of a rigid backbone on the structure of an agostically-stabilised dialkylstannylene: isolation of an unusual bridged stannyl-stannylene. <i>Chemical Communications</i> , <b>2015</b> , 51, 679-81	5.8	12
30	Regioselective Metalation of a Tertiary Phosphine. Synthesis and Structural Characterization of an Unusual Tetrameric Lithium Phosphinmethanide. <i>Organometallics</i> , <b>2001</b> , 20, 648-653	3.8	12
29	Synthesis and Structural Characterization of Phosphine-Borane-Stabilized Dicarbocations with either Rigid or Flexible Spacers. <i>Organometallics</i> , <b>2014</b> , 33, 378-386	3.8	11

28	Hypervalent Sulfur-Functionalized Diphosphagermylene and Diphosphastannylene Compounds. <i>Organometallics</i> , <b>2012</b> , 31, 246-255	3.8	11
27	First Structurally Authenticated Heavier Alkali Metal Phosphinomethanide. <i>Organometallics</i> , <b>1999</b> , 18, 2939-2940	3.8	11
26	Edge- versus vertex-inversion at trigonal pyramidal Ge(II) centers--a new aromatic anchimerically assisted edge-inversion mechanism. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 3651-61	5.1	10
25	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> , <b>2007</b> , 692, 806-812	2.3	10
24	C <sub>2</sub> -Symmetric ytterbium(II) complexes with a novel, chiral P,N-donor ligand. <i>Journal of Organometallic Chemistry</i> , <b>2003</b> , 688, 92-99	2.3	10
23	Synthesis, Structures, and Solution Dynamics of Functionalized Phosphinomethanide Complexes of the Alkali Metals. <i>Organometallics</i> , <b>2000</b> , 19, 4531-4535	3.8	10
22	Synthesis and structural characterisation of an unusual phosphine-borane-substituted organoplumbate. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 725, 11-14	2.3	9
21	Lanthanide(II) complexes of a phosphine-borane-stabilised carbanion. <i>Dalton Transactions</i> , <b>2010</b> , 39, 6705-9	4.3	9
20	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> , <b>2005</b> , 1658-63	4.3	9
19	A Fully Phosphane-Substituted Disilene. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 5593-5597	16.4	8
18	Desolvation and aggregation of sterically demanding alkali metal diarylphosphides. <i>Dalton Transactions</i> , <b>2017</b> , 46, 13824-13834	4.3	8
17	A diarsagermylene and a diarsastannylene stabilised by areneGe/Sn interactions. <i>Chemical Communications</i> , <b>2018</b> , 54, 2526-2529	5.8	8
16	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> , <b>2004</b> , 4074-8	4.3	8
15	An Acyclic Arsenium Cation Stabilised by a Single P-As σ-Interaction and a Cyclic Diphosphinophosphonium Salt. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 11007-11012	16.4	6
14	Structural Diversity in Alkaline Earth Metal Complexes of a Phosphine-Borane-Stabilized 1,3-Dicarbaniion. <i>Organometallics</i> , <b>2015</b> , 34, 2406-2414	3.8	6
13	Alkali metal complexes of a naphthylamine-substituted phosphanide. <i>Dalton Transactions</i> , <b>2008</b> , 363-70	4.3	6
12	Dilithio-1,1,2-tris(diphenylphosphinoyl)ethane-1,2-diide: the first formal 1,2-dicarbaniion stabilised by phosphorus?. <i>Chemical Communications</i> , <b>2002</b> , 2532-2533	5.8	5
11	Synthesis and structure of an acyclic dialkylstannylene. <i>Main Group Metal Chemistry</i> , <b>2014</b> , 37,	1.6	4

10	Light-induced rearrangement of thioether-substituted phosphanide ligands: scope and limitations of a remarkable isomerization. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 6094-107	4.8	3
9	A Fully Phosphane-Substituted Disilene. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 5685-5689	3.6	2
8	Alkali-Metal- and Alkaline-Earth-Metal-Mediated C≡D Activation of an Anisole-Substituted PhosphidoBorane Ligand. <i>Organometallics</i> , <b>2017</b> , 36, 2218-2227	3.8	2
7	Unexpected Activation of Ethers and Polysiloxanes by a Phosphine-Borane-Stabilized 1,3-Dicarbocation/Butyllithium Couple. <i>Organometallics</i> , <b>2019</b> , 38, 2654-2663	3.8	2
6	P-Ge/Sn π Interactions Versus AreneπππGe/Sn Contacts for the Stabilization of Diphosphatetrylenes, (RP)E (E = Ge, Sn). <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 863-874	5.1	2
5	Phosphido-bis(borane) complexes of the alkaline earth metals. <i>Dalton Transactions</i> , <b>2021</b> , 50, 1019-1024	4.3	2
4	A Suite of Sterically-Demanding Hybrid Alkyl/Cyclopentadienyl Ligands. <i>Organometallics</i> , <b>2017</b> , 36, 4238-4245	4.5	1
3	An Acyclic Arsenium Cation Stabilised by a Single PAs π Interaction and a Cyclic Diphosphinophosphonium Salt. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 11123-11128	3.6	1
2	Influence of Chain Length on the Structures and Dynamic Behavior of Alkyl-Tethered πππDiphosphide Complexes of Lithium and Their Use in the Synthesis of P-Heterocyclic Stannylenes. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 14733-14747	5.1	1
1	Alkyl, carbonyl and cyanide complexes of the group 3 metals and lanthanides <b>2021</b> ,		0