Jose M Goicoechea

List of Publications by Year
in descending order

158 papers	7,100 citations	50566 48 h-index	87275 74 g-index
182 all docs	182 docs citations	182 times ranked	2850 citing authors

#	Article	IF	Citations
1	Reduction of tert-butylphosphaalkyne and trimethylsilylnitrile with magnesium(<scp>i</scp>) dimers. Dalton Transactions, 2022, 51, 898-903.	1.6	4
2	Zintl cluster supported low coordinate Rh(<scp>i</scp>) centers for catalytic H/D exchange between H₂and D₂. Chemical Science, 2022, 13, 7626-7633.	3.7	14
3	Coordination and Homologation of CO at Al(I): Mechanism and Chain Growth, Branching, Isomerization, and Reduction. Journal of the American Chemical Society, 2022, 144, 12942-12953.	6.6	25
4	The Aluminyl Anion: A New Generation of Aluminium Nucleophile. Angewandte Chemie - International Edition, 2021, 60, 1702-1713.	7.2	137
5	The Aluminyl Anion: A New Generation of Aluminium Nucleophile. Angewandte Chemie, 2021, 133, 1726-1737.	1.6	45
6	Partnering a Threeâ€Coordinate Gallium Cation with a Hydroborate Counterâ€Ion for the Catalytic Hydrosilylation of CO 2. Chemistry - A European Journal, 2021, 27, 2138-2148.	1.7	17
7	Phosphine Carboxylateâ€”Probing the Edge of Stability of a Carbon Dioxide Adduct with Dihydrogenphosphide. Angewandte Chemie, 2021, 133, 3803-3811.	1.6	2
8	Phosphine Carboxylateâ€”Probing the Edge of Stability of a Carbon Dioxide Adduct with Dihydrogenphosphide. Angewandte Chemie - International Edition, 2021, 60, 3759-3767.	7.2	8
9	Î· 3 â€Coordination and Functionalization of the 2â€Phosphaethynthiolate Anion at Lanthanum(III)**. Angewandte Chemie - International Edition, 2021, 60, 9534-9539.	7.2	9
10	Î· 3 â€Coordination and Functionalization of the 2â€Phosphaethynthiolate Anion at Lanthanum(III)**. Angewandte Chemie, 2021, 133, 9620-9625.	1.6	5
11	A Cyaphide Transfer Reagent. Journal of the American Chemical Society, 2021, 143, 10367-10373.	6.6	33
12	A phosphorus analog of a bimetallic dinitrogen complex. CheM, 2021, 7, 1698-1700.	5.8	0
13	Contrasting Eâ^'H Bond Activation Pathways of a Phosphanylâ€Phosphagallene. Angewandte Chemie - International Edition, 2021, 60, 22057-22061.	7.2	19
14	Probing the Extremes of Covalency in Mâ^'Al bonds: Lithium and Zinc Aluminyl Compounds. Angewandte Chemie, 2021, 133, 22475-22480.	1.6	16
15	Contrasting Eâ^'H Bond Activation Pathways of a Phosphanylâ€Phosphagallene. Angewandte Chemie, 2021, 133, 22228-22232.	1.6	9
16	Thermoneutral Nâ^'H Bond Activation of Ammonia by a Geometrically Constrained Phosphine. Angewandte Chemie, 2021, 133, 23817.	1.6	3
17	Probing the Extremes of Covalency in Mâ^'Al bonds: Lithium and Zinc Aluminyl Compounds. Angewandte Chemie - International Edition, 2021, 60, 22301-22306.	7.2	46
18	Synthesis, structure and reactivity of a cyphoâ€cyanamide salt. Angewandte Chemie - International Edition, 2021, 60, 25286-25289.	7.2	4

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19	Thermoneutral Nâ^'H Bond Activation of Ammonia by a Geometrically Constrained Phosphine. Angewandte Chemie - International Edition, 2021, 60, 23625-23629.	7.2	24
20	Novel primary phosphinecarboxamides derived from diamines. Dalton Transactions, 2021, 50, 6991-6996.	1.6	4
21	Coinage metal aluminyl complexes: probing regiochemistry and mechanism in the insertion and reduction of carbon dioxide. Chemical Science, 2021, 12, 13458-13468.	3.7	42
22	Cluster expansion and vertex substitution pathways in nickel germanide Zintl clusters. Chemical Communications, 2021, 57, 7132-7135.	2.2	4
23	Pincerâ€Supported Gallium Complexes for the Catalytic Hydroboration of Aldehydes, Ketones and Carbon Dioxide. Chemistry - A European Journal, 2021, 27, 17379-17385.	1.7	9
24	Nitrenium Salts in Lewis Acid Catalysis. Angewandte Chemie - International Edition, 2020, 59, 2715-2719.	7.2	42
25	Nitrenium Salts in Lewis Acid Catalysis. Angewandte Chemie, 2020, 132, 2737-2741.	1.6	13
26	A Neutral Heteroatomic Zintl Cluster for the Catalytic Hydrogenation of Cyclic Alkenes. Journal of the American Chemical Society, 2020, 142, 18330-18335.	6.6	34
27	Synthesis and decarbonylation chemistry of gallium phosphaketenes. Dalton Transactions, 2020, 49, 15249-15255.	1.6	32
28	Arene Câ^'H Activation at Aluminium(I): meta Selectivity Driven by the Electronics of S_NAr Chemistry. Angewandte Chemie - International Edition, 2020, 59, 20376-20380.	7.2	46
29	Arene Câ^'H Activation at Aluminium(I): meta Selectivity Driven by the Electronics of S N Ar Chemistry. Angewandte Chemie, 2020, 132, 20556-20560.	1.6	15
30	Recent developments in the chemistry of non-trigonal pnictogen pincer compounds: from bonding to catalysis. Chemical Science, 2020, 11, 9728-9740.	3.7	57
31	Linkage Isomerism Leading to Contrasting Carboboration Chemistry: Access to Three Constitutional Isomers of a Borylated Phosphaalkene. Chemistry - A European Journal, 2020, 26, 13462-13467.	1.7	10
32	A â€œPushâ€“Pullâ€•Stabilized Phosphinidene Supported by a Phosphineâ€Functionalized Î²â€Diketiminato Ligand. Chemistry - A European Journal, 2020, 26, 9024-9031.	1.7	33
33	A Phosphanylâ€Phosphagallene that Functions as a Frustrated Lewis Pair. Angewandte Chemie - International Edition, 2020, 59, 20914-20918.	7.2	57
34	Novel ferrocenyl functionalised phosphinecarboxamides: synthesis, characterisation and coordination. Dalton Transactions, 2020, 49, 8645-8651.	1.6	5
35	A Phosphanylâ€Phosphagallene that Functions as a Frustrated Lewis Pair. Angewandte Chemie, 2020, 132, 21100-21104.	1.6	27
36	Carbon Monoxide Activation by a Molecular Aluminium Imide: Câ^'O Bond Cleavage and Câ^'C Bond Formation. Angewandte Chemie - International Edition, 2020, 59, 4897-4901.	7.2	76

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37	Carbon Monoxide Activation by a Molecular Aluminium Imide: Câˆ'O Bond Cleavage and Câˆ'C Bond Formation. Angewandte Chemie, 2020, 132, 4927-4931.	1.6	24
38	A Phosphine Functionalized Î²â€Diketimine Ligand for the Synthesis of Manifold Metal Complexes. Chemistry - A European Journal, 2020, 26, 13191-13202.	1.7	19
39	Base induced isomerisation of a phosphaethynolato-borane: mechanistic insights into boryl migration and decarbonylation to afford a triplet phosphinidene. Chemical Science, 2020, 11, 862-869.	3.7	39
40	Photoelectron Spectroscopy and Theoretical Studies of PCSe âˆ' , AsCS âˆ' , AsCSe âˆ' , and NCSe âˆ' : Insights into the Electronic Structures of the Whole Family of ECX âˆ' Anions (E=N, P, As; X=O, S, Se). Angewandte Chemie, 2019, 131, 15206-15212.	1.6	3
41	Photoelectron Spectroscopy and Theoretical Studies of PCSe âˆ' , AsCS âˆ' , AsCSe âˆ' , and NCSe âˆ' : Insights into the Electronic Structures of the Whole Family of ECX âˆ' Anions (E=N, P, As; X=O, S, Se). Angewandte Chemie - International Edition, 2019, 58, 15062-15068.	7.2	13
42	Oxidative Coupling of Terminal Rhenium Pnictide Complexes. Angewandte Chemie, 2019, 131, 11082-11086.	1.6	13
43	Reversible, Room-Temperature Câ€"C Bond Activation of Benzene by an Isolable Metal Complex. Journal of the American Chemical Society, 2019, 141, 11000-11003.	6.6	172
44	Trapping and Reactivity of a Molecular Aluminium Oxide Ion. Angewandte Chemie, 2019, 131, 17425-17428.	1.6	25
45	Tris(phosphaalkyne)tungsten Complexes. Organometallics, 2019, 38, 4601-4606.	1.1	4
46	Trapping and Reactivity of a Molecular Aluminium Oxide Ion. Angewandte Chemie - International Edition, 2019, 58, 17265-17268.	7.2	78
47	A visible-light photoactivatable di-nuclear Pt^{IV} triazolato azido complex. Chemical Communications, 2019, 55, 11287-11290.	2.2	7
48	A nucleophilic gold complex. Nature Chemistry, 2019, 11, 237-241.	6.6	139
49	Oxidative Coupling of Terminal Rhenium Pnictide Complexes. Angewandte Chemie - International Edition, 2019, 58, 10966-10970.	7.2	31
50	Carboboration of isocyanates with tris(pentafluorophenyl)borane and evidence for dissociative FLP chemistry of an acidâ€"base pair. Chemical Communications, 2019, 55, 6918-6921.	2.2	14
51	Synthesis of metallophosphaalkenes by reaction of organometallic nucleophiles with a phosphaethynolato-borane. Chemical Communications, 2019, 55, 6842-6845.	2.2	7
52	B(C₆F₅)₃â€Enabled Synthesis of a Cyclic cisâ€Arsaphosphene. Chemistry - A European Journal, 2019, 25, 5445-5450.	1.7	15
53	Increasing steric demand through flexible bulk â€" primary phosphanes with 2,6-bis(benzhydryl)phenyl backbones. Dalton Transactions, 2019, 48, 3786-3794.	1.6	11
54	Reversible borohydride formation from aluminium hydrides and {H(9-BBN)}₂: structural, thermodynamic and reactivity studies. Dalton Transactions, 2019, 48, 10845-10852.	1.6	6

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55	Electrochemical Oxidation of the Phosphaâ€•and Arsaethynolate Anions, PCO â€“ and AsCO â€“. European Journal of Inorganic Chemistry, 2019, 2019, 1644-1649.	1.0	2
56	An Isolable Phosphaethynolatoborane and Its Reactivity. Angewandte Chemie, 2018, 130, 2210-2215.	1.6	33
57	Synthesis, structure and reaction chemistry of a nucleophilic aluminyl anion. Nature, 2018, 557, 92-95.	13.7	259
58	Limitations of Steric Bulk: Towards Phosphaâ€germynes and Phosphaâ€stannynes. Chemistry - A European Journal, 2018, 24, 7358-7363.	1.7	28
59	An Isolable Phosphaethynolatoborane and Its Reactivity. Angewandte Chemie - International Edition, 2018, 57, 2188-2193.	7.2	57
60	Intercepting a Transient Phosphinoâ€Arsinidene. Chemistry - A European Journal, 2018, 24, 9514-9519.	1.7	31
61	Deprotonation of Group 14 Metal Amide Complexes Bearing Ditopic Carbanionic N-Heterocyclic Carbene Ligands. Constitutional Isomerism and Dynamic Behavior. Organometallics, 2018, 37, 655-664.	1.1	11
62	Synthese und ReaktivitÃt von Nickelâ€stabilisierten Î¼²:Î·²,Î·²â€P₂â€, As₂â€•und PAsâ€Einheiten. Angewandte Chemie, 2018, 130, 439-444.	1.6	33
63	Synthesis and Reactivity of Nickelâ€Stabilised Î¼²:Î·²,Î·²â€P₂, As₂ and PAs Units. Angewandte Chemie - International Edition, 2018, 57, 431-436.	7.2	63
64	Flexible and Versatile Pincer-Type PGeP and PSnP Ligand Frameworks. Organometallics, 2018, 37, 4147-4155.	1.1	43
65	The Chemistry of the 2â€Phosphaethynolate Anion. Angewandte Chemie - International Edition, 2018, 57, 16968-16994.	7.2	133
66	A General Synthesis of Phosphorusâ€•and Arsenicâ€Containing Analogues of the Thioâ€•and Selenoâ€cyanate Anions. Angewandte Chemie - International Edition, 2018, 57, 8230-8234.	7.2	28
67	Die Chemie des 2â€Phosphaethinolatâ€Anions. Angewandte Chemie, 2018, 130, 17214-17240.	1.6	63
68	A General Synthesis of Phosphorusâ€•and Arsenicâ€Containing Analogues of the Thioâ€•and Selenoâ€cyanate Anions. Angewandte Chemie, 2018, 130, 8362-8366.	1.6	16
69	The heterocubane [TerSnAs]₄. Dalton Transactions, 2018, 47, 8879-8883.	1.6	21
70	On the Viability of Catalytic Turnover via Alâ€'O/Bâ€'H Metathesis: The Reactivity of Î²â€Diketiminate Aluminium Hydrides towards CO₂ and Boranes. Chemistry - A European Journal, 2018, 24, 13624-13635.	1.7	49
71	Synthesis and reactivity of rare-earth metal phosphaethynolates. Dalton Transactions, 2018, 47, 13016-13024.	1.6	27
72	Phosphinecarboxamide as an unexpected phosphorus precursor in the chemical vapour deposition of zinc phosphide thin films. Dalton Transactions, 2018, 47, 9221-9225.	1.6	6

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73	HPCOâ€”A Phosphorusâ€Containing Analogue of Isocyanic Acid. Angewandte Chemie - International Edition, 2017, 56, 3911-3915.	7.2	56
74	HPCOâ€”A Phosphorusâ€Containing Analogue of Isocyanic Acid. Angewandte Chemie, 2017, 129, 3969-3973.	1.6	26
75	N-Heterocyclic carbene-stabilised arsinidene (AsH). Chemical Communications, 2017, 53, 6069-6072.	2.2	61
76	Amino acid functionalisation using the 2-phosphaethynolate anion. A facile route to (phosphanyl)carbonyl-amino acids. Chemical Communications, 2017, 53, 7092-7095.	2.2	19
77	On the Redox Reactivity of a Geometrically Constrained Phosphorus(III) Compound. Chemistry - A European Journal, 2017, 23, 15455-15465.	1.7	30
78	N-Heterocyclic carbene adducts of the heavier group 15 tribromides. Normal to abnormal isomerism and bromide ion abstraction. Dalton Transactions, 2017, 46, 12053-12066.	1.6	36
79	Fluoride Binding and Crystalâ€Field Analysis of Lanthanide Complexes of Tetrapicolylâ€Appended Cyclen. Chemistry - A European Journal, 2016, 22, 8929-8936.	1.7	33
80	Eine monoanionische Arsenidâ€Quelle: Decarbonylierung des 2â€Arsaethinolatâ€Anions bei der Reaktion mit Stannylenen. Angewandte Chemie, 2016, 128, 15741-15746.	1.6	23
81	Electronic Properties of Endohedral Clusters of Group 14. Structure and Bonding, 2016, , 181-197.	1.0	4
82	Frontispiece: The 2-Arsaethynolate Anion: Synthesis and Reactivity Towards Heteroallenes. Angewandte Chemie - International Edition, 2016, 55, .	7.2	1
83	N-heterocyclic carbene induced reductive coupling of phosphorus tribromide. Isolation of a bromine bridged Pâ€“P bond and its subsequent reactivity. Chemical Science, 2016, 7, 6981-6987.	3.7	27
84	On the Ambiphilic Reactivity of Geometrically Constrained Phosphorus(III) and Arsenic(III) Compounds: Insights into Their Interaction with Ionic Substrates. Chemistry - A European Journal, 2016, 22, 15712-15724.	1.7	32
85	Frontispiz: The 2-Arsaethynolate Anion: Synthesis and Reactivity Towards Heteroallenes. Angewandte Chemie, 2016, 128, .	1.6	0
86	Homoatomic Polyanions of the Early p-Block Elements. Structure and Bonding, 2016, , 63-97.	1.0	3
87	A Monoanionic Arsenide Source: Decarbonylation of the 2â€Arsaethynolate Anion upon Reaction with Bulky Stannylenes. Angewandte Chemie - International Edition, 2016, 55, 15515-15519.	7.2	46
88	The 2â€Arsaethynolate Anion: Synthesis and Reactivity Towards Heteroallenes. Angewandte Chemie - International Edition, 2016, 55, 8536-8541.	7.2	77
89	The 2â€Arsaethynolate Anion: Synthesis and Reactivity Towards Heteroallenes. Angewandte Chemie, 2016, 128, 8678-8683.	1.6	43
90	Ambient-Temperature Synthesis of 2-Phosphathioethynolate, PCS-, and the Ligand Properties of ECX-(E =) Tj ETQq0 0 0 rgBT /Overlock 1	1.0	46

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91	Heptaphosphide cluster anions bearing group 14 element amide functionalities. Dalton Transactions, 2016, 45, 1930-1936.	1.6	9
92	Exploiting the BrÃ¸nsted Acidity of Phosphinecarboxamides for the Synthesis of New Phosphides and Phosphines. Chemistry - A European Journal, 2015, 21, 8015-8018.	1.7	44
93	Eâ€“H Bond Activation of Ammonia and Water by a Geometrically Constrained Phosphorus(III) Compound. Angewandte Chemie - International Edition, 2015, 54, 13758-13763.	7.2	142
94	Uranium and thorium complexes of the phosphaethynolate ion. Chemical Science, 2015, 6, 6379-6384.	3.7	102
95	On the structural landscape in endohedral silicon and germanium clusters, M@Si₁₂ and M@Ge₁₂. Dalton Transactions, 2015, 44, 6755-6766.	1.6	68
96	Synthesis of Anionic Phosphorusâ€Containing Heterocycles by Intramolecular Cyclizations Involving N â€Functionalized Phosphinecarboxamides. Chemistry - A European Journal, 2015, 21, 5727-5731.	1.7	45
97	Cyclo-oligomerization of isocyanates with Na(PH₂) or Na(OCP) as â€œP^{â^’}â€•anion sources. Chemical Science, 2015, 6, 4017-4024.	3.7	64
98	Structure and bonding in a bimetallic endohedral cage, [Co 2 @Ge 16] zâ^'. Journal of Organometallic Chemistry, 2015, 792, 149-153.	0.8	29
99	Phosphide Delivery to a Cyclotrisilene. Angewandte Chemie - International Edition, 2015, 54, 683-686.	7.2	62
100	Coordination chemistry of ditopic carbanionic N-heterocyclic carbenes. Coordination Chemistry Reviews, 2015, 293-294, 80-94.	9.5	90
101	Hydropnictination Reactions of Carbodiimides and Isocyanates with Protonated Heptaphosphide and Heptaarsenide Zintl Ions. European Journal of Inorganic Chemistry, 2014, 2014, 1660-1668.	1.0	16
102	Synthesis and Characterization of [Ru@Ge₁₂]^{3â€“}: An Endohedral 3-Connected Cluster. Journal of the American Chemical Society, 2014, 136, 1210-1213.	6.6	78
103	On the coordination chemistry of phosphinecarboxamide: assessing ligand basicity. Chemical Communications, 2014, 50, 12281-12284.	2.2	37
104	From Clusters to Unorthodox Pnictogen Sources: Solution-Phase Reactivity of [E₇]^{3â€“} (E = Pâ€“Sb) Anions. Chemical Reviews, 2014, 114, 10807-10828.	23.0	107
105	Iron(<scp>ii</scp>) complexes of ditopic carbanionic carbenes. Dalton Transactions, 2014, 43, 4335-4344.	1.6	36
106	Alkali metal salts of ditopic carbanionic carbenes as reagents for the synthesis of novel complexes of group 12 and 14 metals. Dalton Transactions, 2014, 43, 14239-14248.	1.6	29
107	The 2â€Phosphaethynolate Anion: A Convenient Synthesis and [2+2] Cycloaddition Chemistry. Angewandte Chemie - International Edition, 2013, 52, 10064-10067.	7.2	136
108	Structural trends in ten-vertex endohedral clusters, M@E10 and the synthesis of a new member of the family, [Fe@Sn10]3â^'. Dalton Transactions, 2013, 42, 12120.	1.6	38

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109	Phosphinecarboxamide: A Phosphorus-Containing Analogue of Urea and Stable Primary Phosphine. Journal of the American Chemical Society, 2013, 135, 19131-19134.	6.6	98
110	â€˜Classicalâ€™ and â€˜Abnormalâ€™ Bonding in Tin (II) N-Heterocyclic Carbene Complexes. Australian Journal of Chemistry, 2013, 66, 1131.	0.5	18
111	Group 12 Metal Complexes of N-Heterocyclic Ditopic Carbanionic Carbenes. Organometallics, 2013, 32, 5190-5200.	1.1	31
112	Synthesis and Characterization of Free and Coordinated 1,2,3-Tripnictolide Anions. Organometallics, 2013, 32, 2234-2244.	1.1	40
113	An Asymmetrically Derivatized 1,2,3-Triphospholide: Synthesis and Reactivity of the 4-(2â€²-Pyridyl)-1,2,3-triphospholide Anion. Inorganic Chemistry, 2013, 52, 5527-5534.	1.9	22
114	A Homologous Series of First-Row Transition-Metal Complexes of 2,2â€²-Bipyridine and their Ligand Radical Derivatives: Trends in Structure, Magnetism, and Bonding. Inorganic Chemistry, 2012, 51, 12301-12312.	1.9	49
115	Studies on the reactivity of group 15 Zintl ions with carbodiimides: synthesis and characterization of a heptaphosphaguanidine dianion. Chemical Communications, 2012, 48, 1470-1472.	2.2	21
116	Transition-metal-mediated activation of the heptaarsenide trianion: isolation of a diaryltetraarsenabutadienediide. Chemical Communications, 2012, 48, 12183.	2.2	20
117	Hydrophosphination of Carbodiimides Using Protic Heptaphosphide Cages: A Unique Effect of the Bimodal Activity of Protonated Group 15 Zintl Ions. Organometallics, 2012, 31, 2452-2462.	1.1	25
118	Transition Metal Complexes of Anionic Nâ€Heterocyclic Dicarbene Ligands. Angewandte Chemie - International Edition, 2012, 51, 10832-10835.	7.2	61
119	Synthesis of 1,2,3-tripnictolide anions by reaction of group 15 Zintl ions with acetylene. Isolation of [E3C2H2]â^' (E = P, As) and preliminary reactivity studies. Chemical Communications, 2012, 48, 6100.	2.2	33
120	Further studies into the reactivity and coordination chemistry of [Ge9]4â^' Zintl ions. The indium-containing anions [In(Ge9)2]5â^', [(Ge9)2In(C6H5)]4â^' and [Ge9{In(C6H5)3}2]4â^'. Journal of Organometallic Chemistry, 2012, 721-722, 53-61.	0.8	27
121	[Co(Î·⁵â€P₅){Î·²â€P₂H(mes)}]^{2â^'}: A Phosphaâ€Organometallic Complex Obtained by the Transitionâ€Metalâ€Mediated Activation of the Heptaphosphide Trianion. Angewandte Chemie - International Edition, 2012, 51, 9097-9100.	7.2	23
122	A versatile salt-metathesis route to heteroatomic clusters derived from phosphorus and arsenic Zintl anions. Dalton Transactions, 2011, 40, 735-745.	1.6	38
123	The bis(hydrogenheptaphosphide)iron(ii) dianion: a Zintl ion analogue of ferrocene?. Chemical Communications, 2011, 47, 4111.	2.2	26
124	Heteroatomic Molecular Clusters Derived from Group 15 Zintl Ion Cages: Synthesis and Isolation of [M₂(HP₇)₂]^{2â^'} (M = Ag, Au), Two Novel Cluster Anions Exhibiting Metallophilic Interactions. Inorganic Chemistry, 2011, 50, 4021-4028.	1.9	24
125	A Highly Distorted Open-Shell Endohedral Zintl Cluster: [Mn@Pb₁₂]^{3â€“}. Inorganic Chemistry, 2011, 50, 8028-8037.	1.9	65
126	On the Structural and Electronic Properties of [Zn₂(4,4â€²-bipyridine)(mes)₄]^{nâ^'}(n = 0â€“2), a Homologous Series of Bimetallic Complexes Bridged by Neutral, Anionic, and Dianionic 4,4â€²-Bipyridine. Inorganic Chemistry, 2011, 50, 5006-5014.	1.9	25

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127	Experimental and Computational Study of the Structural and Electronic Properties of Fe^{II}(2,2â€²-bipyridine)(mes)₂and [Fe^{II}(2,2â€²-bipyridine)(mes)₂]^{â^'}, a Complex Containing a 2,2â€²-Bipyridyl Radical Anion. Inorganic Chemistry, 2010, 49, 6160-6171.	1.9	57
128	Bis(permethylpentalene)uranium. Dalton Transactions, 2010, 39, 6789.	1.6	21
129	Studies on the Reactivity of [Ge₉]^{4â^'} towards [Fe(cot)(CO)₃]: Synthesis and Characterization of [Ge₈Fe(CO)₃]^{3â^'} and of the Anionic Organometallic Species [Fe(cot)(CO)₃]^{â^'}. Chemistry - A European Journal, 2010, 16, 11145-11150.	1.7	27
130	Generation of Cationic Two-Coordinate Group-13 Ligand Systems by Spontaneous Halide Ejection: Remarkably Nucleophile-Resistant (Dimethylamino)borylene Complexes. Journal of the American Chemical Society, 2010, 132, 4586-4588.	6.6	22
131	Reactivity studies of group 15 Zintl ions towards homoleptic post-transition metal organometallics: a â€˜bottom-upâ€™ approach to bimetallic molecular clusters. Dalton Transactions, 2010, 39, 426-436.	1.6	52
132	Synthesis and Characterization of Alkali-Metal Salts of 2,2â€²- and 2,4â€²-Bipyridyl Radicals and Dianions. Inorganic Chemistry, 2009, 48, 8304-8316.	1.9	102
133	Coupling Reactions of Functionalized Zintl Ions [E9Cd(C6H5)]3â^' (E = Sn, Pb) with Tributyltinhydride: Synthesis and Isolation of {Sn9CdSn[(CH2)3CH3]3}3â^'. Inorganic Chemistry, 2009, 48, 2899-2907.	1.9	50
134	Synthesis and Isolation of [Fe@Ge₁₀]^{3â^'}: A Pentagonal Prismatic Zintl Ion Cage Encapsulating an Interstitial Iron Atom. Journal of the American Chemical Society, 2009, 131, 2802-2803.	6.6	154
135	Reductive cleavage of Znâ€“C bonds by group 14 Zintl anions: synthesis and characterisation of [E9ZnR]3â^' (E = Ge, Sn, Pb; R = Mes, iPr). Dalton Transactions, 2009, , 1571.	1.6	63
136	[Pb9CdCdPb9]6â^': A Zintl cluster anion with an unsupported cadmiumâ€“cadmium bond. Chemical Communications, 2009, , 7221.	2.2	50
137	[Hg3(Ge9)4]10â^': a nanometric molecular rod precursor to polymeric mercury-linked cluster chains. Dalton Transactions, 2008, , 5882.	1.6	55
138	Synthesis and Characterization of the 4,4â€²-Bipyridyl Dianion and Radical Monoanion. A Structural Study. Inorganic Chemistry, 2008, 47, 6118-6120.	1.9	52
139	Heteroatomic Deltahedral Clusters:Â Synthesis and Structures ofcloso-[Bi3Ni4(CO)6]3-,closo-[Bi4Ni4(CO)6]2-, the Open Cluster [Bi3Ni6(CO)9]3-, and the Intermetalloidcloso-[Nix@{Bi6Ni6(CO)8}]4-. Journal of the American Chemical Society, 2007, 129, 7885-7893.	6.6	92
140	Organozinc Derivatives of Deltahedral Zintl Ions:Â Synthesis and Characterization ofcloso-[E9Zn(C6H5)]3-(E = Si, Ge, Sn, Pb). Organometallics, 2006, 25, 4530-4536.	1.1	144
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