

Andrew S Weller

List of Publications by Year in descending order

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papers

8,194
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36271

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247
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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Monomeric and Oligomeric Amine-Borane η^5 -Complexes of Rhodium. Intermediates in the Catalytic Dehydrogenation of Amine-Boranes. <i>Journal of the American Chemical Society</i> , 2009, 131, 15440-15456.	6.6	183
2	A Second-Generation Catalyst for Intermolecular Hydroacylation of Alkenes and Alkynes Using η^2 -S-Substituted Aldehydes: The Role of a Hemilabile P-O-P Ligand. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7618-7622.	7.2	138
3	Mechanistic Studies of the Dehydrocoupling and Dehydropolymerization of Amine-Boranes Using a $[Rh(Xantphos)]^+$ Catalyst. <i>Journal of the American Chemical Society</i> , 2014, 136, 9078-9093.	6.6	134
4	Amine-Borane η^5 -Complexes of Rhodium. Relevance to the Catalytic Dehydrogenation of Amine-Boranes. <i>Journal of the American Chemical Society</i> , 2008, 130, 14432-14433.	6.6	133
5	Aryl Methyl Sulfides as Substrates for Rhodium-Catalyzed Alkyne Carbothiolation: Arene Functionalization with Activating Group Recycling. <i>Journal of the American Chemical Society</i> , 2012, 134, 2906-2909.	6.6	133
6	Synthesis and Characterization of a Rhodium(I) η^5 -Alkane Complex in the Solid State. <i>Science</i> , 2012, 337, 1648-1651.	6.0	131
7	Intermolecular Hydroacylation: High Activity Rhodium Catalysts Containing Small-Bite-Angle Diphosphine Ligands. <i>Journal of the American Chemical Society</i> , 2012, 134, 4885-4897.	6.6	127
8	Silver Phosphanes Partnered with Carborane Monoanions: Synthesis, Structures and Use as Highly Active Lewis Acid Catalysts in a Hetero-Diels-Alder Reaction. <i>Chemistry - A European Journal</i> , 2002, 8, 2088.	1.7	122
9	The Catalytic Dehydrocoupling of Amine-Boranes and Phosphine-Boranes. <i>Topics in Organometallic Chemistry</i> , 2015, , 153-220.	0.7	122
10	$B\eta^2H$ Activation at a Rhodium(I) Center: Isolation of a Bimetallic Complex Relevant to the Transition-Metal-Catalyzed Dehydrocoupling of Amine-Boranes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 581-584.	7.2	117
11	$[Ir(PCy_3)_2(H)_2(B\eta^2NMe_2)]^+$ as a Latent Source of Aminoborane: Probing the Role of Metal in the Dehydrocoupling of $H_3B\cdots NMe_2H$ and Retrodimerisation of $[H_2BNMe_2]^+$. <i>Chemistry - A European Journal</i> , 2011, 17, 3011-3020.	1.7	116
12	Catching the First Oligomerization Event in the Catalytic Formation of Polyaminoboranes: $H_3B\cdots NMe_2H$ Bound to Iridium. <i>Journal of the American Chemical Society</i> , 2011, 133, 11076-11079.	6.6	114
13	POP-type ligands: Variable coordination and hemilabile behaviour. <i>Coordination Chemistry Reviews</i> , 2018, 355, 150-172.	9.5	112
14	Tuning the $[L_2Rh\eta^5H_3B\cdots NR_3]^+$ interaction using phosphine bite angle. Demonstration by the catalytic formation of polyaminoboranes. <i>Chemical Communications</i> , 2011, 47, 3763.	2.2	104
15	Development of a Generic Mechanism for the Dehydrocoupling of Amine-Boranes: A Stoichiometric, Catalytic, and Kinetic Study of $H_3B\cdots NMe_2H$ Using the $[Rh(PCy_3)_2]^+$ Fragment. <i>Journal of the American Chemical Society</i> , 2012, 134, 3598-3610.	6.6	103
16	Intermolecular Alkene and Alkyne Hydroacylation with η^2 -S-Substituted Aldehydes: Mechanistic Insight into the Role of a Hemilabile P-O-P Ligand. <i>Chemistry - A European Journal</i> , 2008, 14, 8383-8397.	1.7	102
17	Bis(η^5 -amine-borane) Complexes: An Unusual Binding Mode at a Transition-Metal Center. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6875-6878.	7.2	100
18	Rhodium-catalysed aryl transfer to aldehydes: counterion effects with nitrogen containing ligands. <i>Tetrahedron Letters</i> , 2001, 42, 6957-6960.	0.7	93

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19	Dihalogeno(diphosphane)metal(ii) complexes (metal = Co, Ni, Pd) as pre-catalysts for the vinyl/addition polymerization of norbornene – elucidation of the activation process with B(C ₆ F ₅) ₃ /AlEt ₃ or Ag[closo-1-CB ₁₁ H ₁₂] and evidence for the in situ formation of – naked – Pd ²⁺ as a highly active species. Dalton Transactions, 2003, , 4437-4450.	1.6	92
20	Amine – Borane Dehydropolymerization: Challenges and Opportunities. Chemistry - A European Journal, 2019, 25, 1379-1390.	1.7	92
21	Coupling an Electrospray Ionization Mass Spectrometer with a Glovebox: A Straightforward, Powerful, and Convenient Combination for Analysis of Air-Sensitive Organometallics. Organometallics, 2008, 27, 3303-3306.	1.1	86
22	Rhodium Phosphines Partnered with the Carborane Monoanions [CB ₁₁ H ₆ Y ₆]- (Y = H, Br). Synthesis and Evaluation as Alkene Hydrogenation Catalysts. Organometallics, 2002, 21, 2856-2865.	1.1	83
23	[PtMe(iPr ₃ P) ₂] ⁺ : a Pt(ii) complex with an agostic interaction that undergoes C – H activation. Chemical Communications, 2004, , 2398-2399.	2.2	83
24	Dehydropolymerization of H ₃ C – NMeH ₂ To Form Polyaminoboranes Using [Rh(Xantphos-alkyl)] Catalysts. Journal of the American Chemical Society, 2018, 140, 1481-1495.	6.6	83
25	Carbon – carbon bond construction using boronic acids and aryl methyl sulfides: orthogonal reactivity in Suzuki-type couplings. Chemical Science, 2013, 4, 1568.	3.7	79
26	Solid-State Synthesis and Characterization of η^5 -Alkane Complexes, [Rh(L ₂)(η^5 -C ₇ H ₁₂)] [BAr ₄] (L ₂ = Bidentate Chelating Phosphine). Journal of the American Chemical Society, 2015, 137, 820-833.	6.6	78
27	Transition metal complexes of the chelating phosphine borane ligand Ph ₂ PCH ₂ Ph ₂ P – BH ₃ . Dalton Transactions, 2004, , 3883-3892.	1.6	76
28	Rhodium – Catalyzed Branched – Selective Alkyne Hydroacylation: A Ligand – Controlled Regioselectivity Switch. Angewandte Chemie - International Edition, 2011, 50, 5134-5138.	7.2	75
29	Synthesis of Mono- and Ditungstaboranes from Reaction of Cp*WCl ₄ and [Cp*WCl ₂] ₂ with BH ₃ – thf or LiBH ₄ (Cp* = η^5 -C ₅ Me ₅). Control of Reaction Pathway by Choice of Monoboron Reagent and Oxidation State of Metal Center. Organometallics, 1999, 18, 53-64.	1.1	72
30	Ruthenium, Rhodium, and Iridium Bis(η^5 -B – H) Diisopropylaminoborane Complexes. Organometallics, 2010, 29, 5591-5595.	1.1	71
31	Controlling Selectivity in Intermolecular Alkene or Aldehyde Hydroacylation Reactions Catalyzed by {Rh(L ₂)} ⁺ Fragments. Organometallics, 2010, 29, 1717-1728.	1.1	68
32	Amine – and Dimeric Amino – Borane Complexes of the {Rh(PiPr ₃) ₂ } ⁺ Fragment and Their Relevance to the Transition-Metal-Mediated Dehydrocoupling of Amine – Boranes. Inorganic Chemistry, 2010, 49, 1111-1121.	1.9	68
33	High Hydride Count Rhodium Octahedra, [Rh ₆ (PR ₃) ₆ H ₁₂][BAr ₄] ₂ : Synthesis, Structures, and Reversible Hydrogen Uptake under Mild Conditions. Journal of the American Chemical Society, 2006, 128, 6247-6263.	6.6	66
34	Dehydrogenative Boron Homocoupling of an Amine – Borane. Angewandte Chemie - International Edition, 2013, 52, 9776-9780.	7.2	66
35	Intramolecular C – C agostic complexes: C – C sigma interactions by another name. Chemical Society Reviews, 2014, 43, 242-259.	18.7	64
36	Isolation of a Nonicosahedral Intermediate in the Isomerization of an Icosahedral Metallocarborane. Angewandte Chemie International Edition in English, 1997, 36, 645-647.	4.4	59

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37	[(iPr ₃ P) ₆ Rh ₆ H ₁₂] ²⁺ : A High-Hydride Content Octahedron that Bridges the Gap between Late and Early Transition Metal Clusters. <i>Journal of the American Chemical Society</i> , 2004, 126, 4784-4785.	6.6	59
38	C C π complexes of rhodium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6921-6926.	3.3	58
39	Traceless Chelation-Controlled Rhodium-Catalyzed Intermolecular Alkene and Alkyne Hydroacylation. <i>Chemistry - A European Journal</i> , 2013, 19, 3125-3130.	1.7	58
40	Silver-Phosphine Complexes of the Highly Methylated Carborane Monoanion [closo-1-H-CB ₁₁ Me ₁₁] ⁻ . <i>Journal of the American Chemical Society</i> , 2004, 126, 1503-1517.	6.6	57
41	Sequential Dehydrogenative Borylation/Hydrogenation Route to Polyethyl-Substituted, Weakly Coordinating Carborane Anions. <i>Organometallics</i> , 2007, 26, 2370-2382.	1.1	57
42	The Simplest Amino-Borane H ₂ B=NH ₂ Trapped on a Rhodium Dimer: Pre-Catalysts for Amine-Borane Dehydropolymerization. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6651-6656.	7.2	57
43	Encapsulation of an organometallic cationic catalyst by direct exchange into an anionic MOF. <i>Chemical Science</i> , 2016, 7, 2037-2050.	3.7	57
44	Dihydrogen Complexes of Rhodium: [RhH ₂ (H ₂) _x (PR ₃) ₂] ⁺ (R = Cy, iPr; x = 1, 2). <i>Inorganic Chemistry</i> , 2005, 44, 3162-3171.	1.9	55
45	Dihydrogen Loss from a 14-Electron Rhodium(III) Bis-Phosphine Dihydride To Give a Rhodium(I) Complex That Undergoes Oxidative Addition with Aryl Chlorides. <i>Organometallics</i> , 2008, 27, 2918-2921.	1.1	55
46	Exploring Small Bite-Angle Ligands for the Rhodium-Catalyzed Intermolecular Hydroacylation of β -S-Substituted Aldehydes with 1-Octene and 1-Octyne. <i>ACS Catalysis</i> , 2012, 2, 2779-2786.	5.5	55
47	Rhodium Phosphine Olefin Complexes of the Weakly Coordinating Anions [BARF ₄] ⁻ and [1-closo-CB ₁₁ H ₆ Br ₆] ⁻ . Kinetic versus Thermodynamic Factors in Anion Coordination and Complex Reactivity. <i>Organometallics</i> , 2007, 26, 463-465.	1.1	54
48	Multiple metal-bound oligomers from Ir-catalysed dehydropolymerisation of H ₃ B-NH ₃ as probed by experiment and computation. <i>Chemical Science</i> , 2014, 5, 2546-2553.	3.7	54
49	A Rhodium Complex with One Rh-C \equiv C and One Rh-H \equiv C Agostic Bond. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 452-456.	7.2	53
50	Intermolecular Alkyne Hydroacylation. Mechanistic Insight from the Isolation of the Vinyl Intermediate That Precedes Reductive Elimination. <i>Organometallics</i> , 2012, 31, 5650-5659.	1.1	53
51	Organometallic synthesis, reactivity and catalysis in the solid state using well-defined single-site species. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015, 373, 20140187.	1.6	52
52	Encapsulation of Crabtree's Catalyst in Sulfonated MIL-101(Cr): Enhancement of Stability and Selectivity between Competing Reaction Pathways by the MOF Chemical Microenvironment. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4532-4537.	7.2	52
53	Phosphine-olefin ligands: a facile dehydrogenative route to catalytically active rhodium complexes. <i>Chemical Communications</i> , 2006, , 3408-3410.	2.2	51
54	Rh-POP Pincer Xantphos Complexes for C-S and C-H Activation. Implications for Carbothiolation Catalysis. <i>Organometallics</i> , 2015, 34, 711-723.	1.1	51

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55	Exploiting Carbonyl Groups to Control Intermolecular Rhodium-Catalyzed Alkene and Alkyne Hydroacylation. <i>Journal of the American Chemical Society</i> , 2017, 139, 10142-10149.	6.6	50
56	Reversible Binding of Dihydrogen in Multimetallic Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4411-4423.	1.0	49
57	Revealing the Pâ€‘B coupling event in the rhodium catalysed dehydrocoupling of phosphineâ€‘boranes H3Bâ‘PR2H (R = tBu, Ph). <i>Chemical Science</i> , 2013, 4, 1881.	3.7	49
58	Chelating Monoborane Phosphines:â€‘ Rational and High-Yield Synthesis of [(COD)Rh{(Î¼-2-BH3)Ph2PCH2PPh2}][PF6] (COD = 1,5-cyclooctadiene). <i>Organometallics</i> , 2001, 20, 4434-4436.	1.1	48
59	Cationic rhodium mono-phosphine fragments partnered with carborane monoanions [closo-CB11H6X6]â€‘ (X = H, Br). Synthesis, structures and reactivity with alkenes. <i>Dalton Transactions</i> , 2007, , 4829.	1.6	48
60	A Rhodiumâ€‘Pentane Sigmaâ€‘Alkane Complex: Characterization in the Solid State by Experimental and Computational Techniques. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3677-3681.	7.2	48
61	Wellâ€‘Defined and Robust Rhodium Catalysts for the Hydroacylation of Terminal and Internal Alkenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8520-8524.	7.2	47
62	Polyethyl substituted weakly coordinating carborane anions: a sequential dehydrogenative borylationâ€‘hydrogenation route. <i>Chemical Communications</i> , 2005, , 3609.	2.2	46
63	Simultaneous Orthogonal Methods for the Real-Time Analysis of Catalytic Reactions. <i>ACS Catalysis</i> , 2016, 6, 6911-6917.	5.5	45
64	New Structural Motifs in Metallaborane Chemistry. Synthesis, Characterization, and Solid-State Structures of (Cp*W)3(Î¼4-H)B8H8, (Cp*W)2B7H9, and (Cp*Re)2B7H7 (Cp* = Î¼-C5Me5). <i>Organometallics</i> , 1999, 18, 853-863.	1.1	44
65	Alkyl dehydrogenation in a Rh(i) complex via an isolated agostic intermediate. <i>Chemical Communications</i> , 2009, , 244-246.	2.2	44
66	Solid-state molecular organometallic chemistry. Single-crystal to single-crystal reactivity and catalysis with light hydrocarbon substrates. <i>Chemical Science</i> , 2017, 8, 6014-6029.	3.7	44
67	[B(3,5â€‘H₃Cl₂)₄] ^{â€‘} as a Useful Anion for Organometallic Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5124-5128.	1.0	43
68	Intramolecular Alkyl Phosphine Dehydrogenation in Cationic Rhodium Complexes of Tris(cyclopentylphosphine). <i>Chemistry - A European Journal</i> , 2008, 14, 1004-1022.	1.7	42
69	Câ€‘C Activation in the Solid State in an Organometallic Î¶-Complex. <i>Journal of the American Chemical Society</i> , 2011, 133, 13162-13168.	6.6	42
70	Selective Câ€‘H Activation at a Molecular Rhodium Sigma-Alkane Complex by Solid/Gas Single-Crystal to Single-Crystal H/D Exchange. <i>Journal of the American Chemical Society</i> , 2016, 138, 13369-13378.	6.6	42
71	Synthesis and Structure of the Metallaborane Cp*3(Î¼4-H)W3B8H8 from the Thermolysis of Cp*H3WB4H8 (Cp* = Î¼5-C5Me5). A Close-Packed 11-Atom Boron-Rich Cluster. <i>Journal of the American Chemical Society</i> , 1998, 120, 8283-8284.	6.6	41
72	[(PPh3)Ag(HCB11Me11)]: A Complex with Intermolecular Agâ€‘...â€‘H3C Interactions. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3694-3697.	7.2	41

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73	Holding onto Lots of Hydrogen: A 12-Hydride Rhodium Cluster That Reversibly Adds Two Molecules of H ₂ . <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6875-6878.	7.2	41
74	The two faces of carboranes. <i>Nature Chemistry</i> , 2011, 3, 577-578.	6.6	41
75	Rhodium Cyclopentyl Phosphine Complexes of Wide-Bite-Angle Ligands DPEphos and Xantphos. <i>Organometallics</i> , 2012, 31, 2720-2728.	1.1	41
76	Pi-Backbonding Activated Bimetallic Rhodium Xantphos Complexes: Formation and Catalytic Dehydrocoupling of Amine-Boranes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10173-10177.	7.2	41
77	Oligomeric aminoborane precursors for the chemical vapour deposition growth of few-layer hexagonal boron nitride. <i>CrystEngComm</i> , 2017, 19, 285-294.	1.3	41
78	Title is missing!. <i>Chemical Communications</i> , 2001, , 2286-2287.	2.2	40
79	Cationic iridium complexes of the Xantphos ligand. Flexible coordination modes and the isolation of the hydride insertion product with an alkene. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2870-2876.	0.8	40
80	Dehydrocoupling of Dimethylamine Borane Catalyzed by Rh(PCy ₃) ₂ H ₂ Cl. <i>Inorganic Chemistry</i> , 2013, 52, 4509-4516.	1.9	40
81	Dehydropolymerization of H ₃ B-NMeH ₂ Using a [Rh(DPEphos)] ⁺ Catalyst: The Promoting Effect of NMe ₂ . <i>ACS Catalysis</i> , 2019, 9, 3657-3666.	5.5	40
82	Amino-borane oligomers bound to a Rh(i) metal fragment. <i>Chemical Communications</i> , 2010, 46, 3092.	2.2	39
83	Effect of the Phosphine Steric and Electronic Profile on the Rh-Promoted Dehydrocoupling of Phosphine-Boranes. <i>Inorganic Chemistry</i> , 2014, 53, 3716-3729.	1.9	38
84	Rhodium cyclooctadiene complexes of the weakly co-ordinating carborane anion [closo-CB ₁₁ H ₁₂] ⁻ . Isolation and crystal structures of [(COD)Rh(η -2-CB ₁₁ H ₁₂)] and [(COD)Rh(THF) ₂][CB ₁₁ H ₁₂]. <i>Journal of Organometallic Chemistry</i> , 2000, 614-615, 113-119.	0.8	37
85	Synthesis and characterisation of {Mo(η -L)(CO) ₃ }+ (η -L=...=...C ₅ H ₅ or C ₅ Me ₅) fragments ligated with [CB ₁₁ H ₁₂] ⁻ and derivatives. Isolation and structural characterisation of an intermediate in a silver salt metathesis reaction. <i>Dalton Transactions RSC</i> , 2001, , 277-283.	2.3	37
86	Cationic Iridium Phosphines Partnered with [closo-CB ₁₁ H ₆ Br ₆] ⁻ : [(PPh ₃) ₂ Ir(H) ₂ (closo-CB ₁₁ H ₆ Br ₆)] and [(PPh ₃) ₂ Ir(η -2-C ₂ H ₄) ₃][closo-CB ₁₁ H ₆ Br ₆]. Relevance to Counterion Effects in Olefin Hydrogenation. <i>Organometallics</i> , 2004, 23, 428-432.	1.1	37
87	Sequential Reduction of High Hydride Count Octahedral Rhodium Clusters [Rh ₆ (PR ₃) ₆ H ₁₂][BARF ₄] ₂ : A Redox-Switchable Hydrogen Storage. <i>Journal of the American Chemical Society</i> , 2007, 129, 1793-1804.	6.6	37
88	Room Temperature Acceptorless Alkane Dehydrogenation from Molecular σ -Alkane Complexes. <i>Journal of the American Chemical Society</i> , 2019, 141, 11700-11712.	6.6	37
89	Intermediates in the Rh-catalysed dehydrocoupling of phosphine-borane. <i>Chemical Communications</i> , 2012, 48, 7185.	2.2	36
90	Rh(DPEPhos)-Catalyzed Alkyne Hydroacylation Using η ² -Carbonyl-Substituted Aldehydes: Mechanistic Insight Leads to Low Catalyst Loadings that Enables Selective Catalysis on Gram-Scale. <i>Journal of the American Chemical Society</i> , 2018, 140, 7347-7357.	6.6	36

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91	Metathesis by Partner Interchange in σ -Bond Ligands: Expanding Applications of the σ -CAM Mechanism. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	36
92	Dehydrocoupling of phosphine σ -boranes using the $[\text{RhCp}^*\text{Me}(\text{PMe})_3(\text{CH}_2\text{Cl})_2][\text{BAR}^{\text{F}}_4]^+$ precatalyst: stoichiometric and catalytic studies. <i>Chemical Science</i> , 2016, 7, 2414-2426.	3.7	35
93	Solvent-free anhydrous Li^+ , Na^+ and K^+ salts of $[\text{B}(\text{3,5}-(\text{CF}_3)_2\text{C}_6\text{H}_3)_4]^-$, $[\text{BAR}^{\text{F}}_4]^+$. Improved synthesis and solid-state structures. <i>Dalton Transactions</i> , 2019, 48, 3551-3554.	1.6	35
94	Mixed Sandwich Carborane/Thiamacrocyclic Compounds. Synthesis and Characterization of 1-Ph-3,3,3-[9]aneS σ -S, σ - σ -3,1,2-closo-RuC σ B σ H σ 10 and 1,2-Ph2-3,3,3-[9]aneS σ -S, σ - σ -3,1,2-pseudocloso-RuC σ B σ H σ 9. <i>Inorganic Chemistry</i> , 1996, 35, 4548-4554.	1.9	34
95	Modulation of σ -Alkane Interactions in $[\text{Rh}(\text{L})_2(\text{alkane})]^+$ Solid-State Molecular Organometallic (SMOM) Systems by Variation of the Chelating Phosphine and Alkane: Access to $[\text{Rh}(\text{L})_2(\text{alkane})]^+$, $[\text{Rh}(\text{L})_2(\text{alkane})]^+$ - σ -Alkane Rh(I), $[\text{Rh}(\text{L})_2(\text{alkane})]^+$ - σ -Alkane Rh(III) Complexes, and Alkane Encapsulation. <i>Journal of the American Chemical Society</i> , 2018, 140, 14958-14970.	6.6	34
96	A Neutral Heteroatomic Zintl Cluster for the Catalytic Hydrogenation of Cyclic Alkenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 18330-18335.	6.6	34
97	Sterically Encumbered, Charge-Compensated Metallocarboranes. Synthesis and Structures of Ruthenium Pentamethylcyclopentadienyl Derivatives. <i>Organometallics</i> , 1998, 17, 3227-3235.	1.1	33
98	The role of halogenated carborane monoanions in olefin hydrogenation catalysed by cationic iridium phosphine complexes. <i>Dalton Transactions</i> , 2006, , 5492-5505.	1.6	33
99	Solution and Solid-State Structure of the Anion $[\text{Ag}_2\{\text{closo-CB}_{11}\text{H}_{12}\}_4]^{2-}$. <i>Inorganic Chemistry</i> , 2002, 41, 4567-4573.	1.9	32
100	Exploring the mechanism of the hydroboration of alkenes by amine σ -boranes catalysed by $[\text{Rh}(\text{xantphos})]^+$. <i>Catalysis Science and Technology</i> , 2014, 4, 3486-3494.	2.1	32
101	Transition Metal Alkane-Sigma Complexes. <i>Advances in Organometallic Chemistry</i> , 2016, 66, 223-276.	0.5	32
102	Isolation of a Low-Coordinate Rhodium Phosphine Complex Formed by C σ -C Bond Activation of Biphenylene. <i>Organometallics</i> , 2010, 29, 2710-2714.	1.1	31
103	Synthesis, characterisation and molecular structures of the closo and pseudocloso heptamethylindenyl carboraboranes 1-Ph-3-(σ -C σ Me σ 7)-3,1,2-closo-RhC σ B σ H σ 10 and 1,2-Ph2-3-(σ -C σ Me σ 7)-3,1,2-pseudocloso-RhC σ B σ H σ 9. Experimental assignment of the ^{11}B NMR spectrum of a pseudocloso carbametallaborane. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 335-342.	1.1	30
104	Rhodium-catalysed linear-selective alkyne hydroacylation. <i>Chemical Communications</i> , 2012, 48, 6354.	2.2	30
105	Sterically encumbered charge-compensated carboranes: Synthesis and reactivity molecular structures of 7-Ph-11-SMe2-7,8-nido-C σ B σ H σ 10 and 1-Ph-3,3-(CO)2-7-SMe2-3,1,2-closo-RhC σ B σ H σ 8. <i>Journal of Organometallic Chemistry</i> , 1997, 536-537, 299-308.	0.8	29
106	Synthesis and characterization of the nine-atom, rhenia- and tungsta-boranes $(\text{Cp}^*\text{Re})_2\text{B}_7\text{H}_7$ and $(\text{Cp}^*\text{W})_2\text{B}_7\text{H}_9$, $\text{Cp}^* = \sigma$ -5-C σ Me σ 5. Molecular mimics of hypoelectronic main-group clusters in Zintl phases. <i>Chemical Communications</i> , 1998, , 1787-1788.	2.2	29
107	$[\text{Rh}\{\text{NC}_5\text{H}_3\text{-2,6}-(\text{CH}_2\text{PtBu}_2)_2\}(\text{PCy}_3)][\text{BAR}^{\text{F}}_4]$: A Latent Low-Coordinate Rhodium(I) PNP Pincer Compound. <i>Organometallics</i> , 2011, 30, 4466-4469.	1.1	29
108	A CH_2Cl_2 complex of a $[\text{Rh}(\text{pincer})]^+$ cation. <i>Dalton Transactions</i> , 2015, 44, 6340-6342.	1.6	28

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109	Formation of a η^5 -alkane Complex and a Molecular Rearrangement in the Solid-State: $[\text{Rh}(\text{Cyp})_2\text{PCH}_2\text{CH}_2\text{PCyp})_2](\eta^5\text{-C}_7\text{H}_7)\text{H}$. <i>Organometallics</i> , 2017, 36, 22-25.		
110	Transition metal complexes of the weakly coordinating carborane anion $[\text{CB}_{11}\text{H}_{12}]^-$: the first isolation and structural characterisation of an intermediate in a silver salt metathesis reaction. <i>Chemical Communications</i> , 2000, , 1055-1056.	2.2	27
111	$\{\text{Rh}(\text{PiBu}_3)_2\}^+$ Fragments Ligated to Arenes: From Benzene to Polyaromatic Hydrocarbons, Part I - An Experimental Approach. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1614-1625.	1.0	27
112	Rhodium-Catalyzed Selective Partial Hydrogenation of Alkynes. <i>Organometallics</i> , 2015, 34, 3021-3028.	1.1	27
113	Relative binding affinities of fluorobenzene ligands in cationic rhodium bisphosphine η^6 -fluorobenzene complexes probed using collision-induced dissociation. <i>Journal of Organometallic Chemistry</i> , 2015, 784, 75-83.	0.8	27
114	A General, Rhodium-Catalyzed, Synthesis of Deuterated Boranes and η^5 -Methyl Polyaminoboranes. <i>Chemistry - A European Journal</i> , 2018, 24, 5450-5455.	1.7	27
115	The role of neutral $\text{Rh}(\text{PONOP})\text{H}$, free NMe_2H , boronium and ammonium salts in the dehydrocoupling of dimethylamine-borane using the cationic pincer $[\text{Rh}(\text{PONOP})(\eta^2\text{-H}_2)]^+$ catalyst. <i>Dalton Transactions</i> , 2019, 48, 14724-14736.	1.6	27
116	Investigation of the synthesis of $\{\text{Mo}(\eta^5\text{-C}_5\text{H}_5)(\text{CO})_3\}^+$ fragments partnered with the monoanionic carboranes $[\text{closo-CB}_{11}\text{H}_{11}\text{Br}]^-$, $[\text{closo-CB}_{11}\text{H}_6\text{Br}_6]^-$ and $[\text{closo-HCB}_{11}\text{Me}_{11}]^-$ by silver salt metathesis and hydride abstraction. <i>Dalton Transactions</i> , 2003, , 2894-2904.	1.6	26
117	A combined experimental and computational study of fluxional processes in sigma amine-borane complexes of rhodium and iridium. <i>Dalton Transactions</i> , 2014, 43, 11118-11128.	1.6	26
118	Reactivity of an Unsaturated Iridium(III) Phosphoramidate Complex, $[\text{Cp}^*\text{Ir}(\eta^2\text{-N}_2, \eta^1\text{-O})][\text{BAR}_4\text{F}]$. <i>Organometallics</i> , 2015, 34, 3849-3856.	1.1	26
119	Molecular Orbital Analysis of the Trend in ^{11}B NMR Chemical Shifts for $(\text{Cp}^*\text{M})_2\text{B}_5\text{H}_9$ (M = Cr, Mo, W); $T_{\text{J}}(\text{ETQq}1) = 0.784314 \text{ rgBT} / \text{Ov}$	1.1	25
120	$\text{C}^{\wedge}\text{C}$ Bond Activation of a Cyclopropyl Phosphine: Isolation and Reactivity of a Tetrameric Rhodacyclobutane. <i>Organometallics</i> , 2010, 29, 2332-2342.	1.1	25
121	A simple cobalt-based catalyst system for the controlled dehydropolymerisation of $\text{H}_3\text{B} \cdot \text{NMe}_2$ on the gram-scale. <i>Chemical Communications</i> , 2020, 56, 482-485.	2.2	25
122	A Structurally Characterized Cobalt(I) η^5 -Alkane Complex. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6177-6181.	7.2	25
123	Acceptorless, intramolecular, alkyl dehydrogenation in the solid-state in a rhodium phosphine complex; reversible uptake of three equivalents of H_2 per molecule. <i>New Journal of Chemistry</i> , 2008, 32, 966.	1.4	24
124	Hydroboration of an alkene by amine-boranes catalysed by a $[\text{Rh}(\text{PR}_3)_2]^+$ fragment. Mechanistic insight and tandem hydroboration/dehydrogenation. <i>Dalton Transactions</i> , 2011, 40, 7499.	1.6	24
125	Stoichiometric and Catalytic Solid-Gas Reactivity of Rhodium Bis-phosphine Complexes. <i>Organometallics</i> , 2015, 34, 1487-1497.	1.1	24
126	Synthesis and reactivity of 7,9-diphenyl-nido-carbaundecaboranes: rearrangement processes in carbaplatinaboranes revisited. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 1205-1212.	1.1	23

#	ARTICLE	IF	CITATIONS
127	Rhodathiaboranes with 'anomalous' electron counts: synthesis, structure and reactivity1Dedicated to Professor Ken Wade on the occasion of his 65th birthday.1. Journal of Organometallic Chemistry, 1998, 550, 315-329.	0.8	23
128	Metalation of a Bis(thiophenyl)carborane Giving Both Exo and Endo Products. Synthesis and Structural Characterization of RuCl{7,8-(SPh)2-7,8-nido-C2B9H10}(p-cymene) and 1,2-(SPh)2-3-(p-cymene)-3,1,2-RuC2B9H9. Inorganic Chemistry, 1998, 37, 5394-5395.	1.9	23
129	Expected and unexpected outcomes of a heteroborane isomerisation. Chemical Communications, 1998, , 1065-1067.	2.2	22
130	Phosphoramidate-supported Cp*Ir^{III} Aminoborane H₂B=NR₂ Complexes: Synthesis, Structure, and Solution Dynamics. Chemistry - A European Journal, 2016, 22, 6793-6797.	1.7	22
131	The Synthesis, Characterization and Dehydrogenation of Sigma-Complexes of BN-Cyclohexanes. Chemistry - A European Journal, 2016, 22, 310-322.	1.7	22
132	Ferrocenyl substituted carboranes: synthesis and characterisation. Journal of Organometallic Chemistry, 1998, 556, 55-66.	0.8	21
133	Ruthenium (II) complexes of the chelating phosphine borane H2ClB-dppm. Journal of Organometallic Chemistry, 2005, 690, 2829-2834.	0.8	21
134	[Rh₇(P<i>i</i>Pr₃)₆H₁₈][BAr^F₄]₂: A Molecular Rh(111) Surface Decorated with 18 Hydrogen Atoms. Angewandte Chemie - International Edition, 2007, 46, 7844-7848.	7.2	21
135	Diphosphine mono-sulfides: readily available chiral monophosphines. Tetrahedron: Asymmetry, 2003, 14, 705-710.	1.8	20
136	Well-defined indium(iii) N-heterocyclic carbene complexes with triflate ligands: Structural models for the In(OTf)3catalyst. Dalton Transactions, 2004, , 1519-1520.	1.6	20
137	Storing and Releasing Hydrogen with a Redox Switch. Angewandte Chemie - International Edition, 2006, 45, 6005-6008.	7.2	20
138	A tert-butyl-substituted amino-borane bound to an iridium fragment: A latent source of free H2BNtBuH. Journal of Organometallic Chemistry, 2012, 721-722, 17-22.	0.8	20
139	The Simplest Amino-Borane H₂B=NH₂ Trapped on a Rhodium Dimer: Pre-Catalysts for Amine-Borane Dehydropolymerization. Angewandte Chemie, 2016, 128, 6763-6768.	1.6	20
140	Amine-Borane Dehydropolymerization Using Rh-Based Precatalysts: Resting State, Chain Control, and Efficient Polymer Synthesis. ACS Catalysis, 2020, 10, 7443-7448.	5.5	20
141	[Cp2ZrMe(12-1/4-Me-1-closo-CB11HMe10)]: a transition metal complex of a highly-methylated carborane anion. Chemical Communications, 2003, , 1930-1931.	2.2	19
142	B-C activation in highly alkylated carborane monoanions partnered with cationic transition metal fragments: observations and comments. Inorganica Chimica Acta, 2005, 358, 1571-1580.	1.2	19
143	Reversible on/off switching of interactions in rhodathiaboranes with 'anomalous' electron counts.		

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145	Bis(phosphine)boronium salts. Synthesis, structures and coordination chemistry. Dalton Transactions, 2013, 42, 12917.	1.6	18
146	exo-closo-Rhodacarboranes: synthesis and characterisation of [$\{\text{exo}-(\text{R}^3\text{P})_2\text{Rh}\}(\text{closo-CB}11\text{H}12)]$ [$\text{R}^3\text{P}=\text{P}(\text{OMe})_3$, PCy ₃ , 1/2dppe]. Journal of Organometallic Chemistry, 2003, 680, 127-135.	0.8	17
147	A DFT based investigation into the electronic structure and properties of hydride rich rhodium clusters. Dalton Transactions, 2007, , 1781.	1.6	17
148	The influence of phosphine cone angle on the synthesis and structures of $[\text{Rh}(\text{PR}_3)(\text{Binor-S})]^+$ complexes that show C=C sigma interactions. Journal of Organometallic Chemistry, 2013, 730, 90-94.	0.8	17
149	Reactivity of the Latent 12 e ⁻ Electron Fragment $[\text{Rh}(\text{P}^i\text{Bu}_3)_2]^+$ with Aryl Bromides: Aryl-Br and Phosphine Ligand C-H Activation. Chemistry - A European Journal, 2010, 16, 8376-8389.	1.7	16
150	Bond catastrophes in rhodium complexes: experimental charge-density studies of $[\text{Rh}(\text{C}_7\text{H}_8)(\text{P}^i\text{tBu}_3)\text{Cl}]$ and $[\text{Rh}(\text{C}_7\text{H}_8)(\text{PCy}_3)\text{Cl}]$. Acta Crystallographica Section B: Structural Science, 2010, 66, 503-514.	1.8	16
151	Reversible C-H activation of a PtBuBu ₂ ligand to reveal a masked 12 electron $[\text{Rh}(\text{PR}_3)_2]^+$ cation. Dalton Transactions, 2010, 39, 7437.	1.6	16
152	Experimental charge density study into C=C f-interactions in a Binor-S rhodium complex. Dalton Transactions, 2011, 40, 10708.	1.6	16
153	Fluoroarene Complexes with Small Bite Angle Bisphosphines: Routes to Amine-Borane and Aminoborylene Complexes. European Journal of Inorganic Chemistry, 2017, 2017, 4533-4540.	1.0	16
154	A Series of Crystallographically Characterized Linear and Branched f-Alkane Complexes of Rhodium: From Propane to 3-Methylpentane. Journal of the American Chemical Society, 2021, 143, 5106-5120.	6.6	16
155	$[\text{Rh}(\text{C}_7\text{H}_8)(\text{PPH}_3)\text{Cl}]$: an experimental charge-density study. Acta Crystallographica Section B: Structural Science, 2008, 64, 550-557.	1.8	15
156	C-Cl activation of the weakly coordinating anion $[\text{B}(3,5\text{-Cl}_2\text{C}_6\text{H}_3)_4]^-$ at a Rh(i) centre in solution and the solid-state. Dalton Transactions, 2013, 42, 12832.	1.6	15
157	Variable coordination modes and catalytic dehydrogenation of B-phenyl amine-boranes. Dalton Transactions, 2016, 45, 6183-6195.	1.6	15
158	Reversible Encapsulation of Xenon and CH ₂ Cl ₂ in a Solid-State Molecular Organometallic Framework (Guest@SMOM). Angewandte Chemie - International Edition, 2019, 58, 16873-16877.	7.2	15
159	Solid-State Molecular Organometallic Catalysis in Gas/Solid Flow (Flow-SMOM) as Demonstrated by Efficient Room Temperature and Pressure 1-Butene Isomerization. ACS Catalysis, 2020, 10, 1984-1992.	5.5	15
160	Controlling Structure and Reactivity in Cationic Solid-State Molecular Organometallic Systems Using Anion Templating. Organometallics, 2018, 37, 3524-3532.	1.1	14
161	Zintl cluster supported low coordinate Rh centers for catalytic H/D exchange between H ₂ and D ₂ . Chemical Science, 2022, 13, 7626-7633.	3.7	14
162	Alkyl dehydrogenation in iridium tri-cyclopentyl phosphines. Inorganica Chimica Acta, 2010, 363, 574-580.	1.2	13

#	ARTICLE	IF	CITATIONS
163	Synthesis, characterisation and reactivity of group six alkylidynes bearing the tridentate phosphine PPh(C ₂ H ₄ PPh ₂) ₂ -triphos TM . Crystal structure of mer-[W(NCMe)(CC ₆ H ₄ Me-4)PPh(C ₂ H ₄ PPh ₂) ₂ (CO)] [BARF4]. Journal of Organometallic Chemistry, 1997, 548, 195-203.		12
164	Charge-compensated carboradoboranes. Synthesis and molecular structures of 3-L-3,3-(I) 24-SMe ₂ -3,1,2-closo-RhC ₂ B ₉ H ₁₀ , L = CO or PPh ₃ . Polyhedron, 1998, 17, 2627-2632.	1.0	12
165	Dehydrogenation of cyclohexenes to cyclohexadienes by [(PPh ₃) ₂ Rh] ⁺ . The isolation of an intermediate in the dehydrogenation of cyclohexane to benzene: crystal structure of [(<i>η</i> -4-C ₆ H ₈)Rh(PPh ₃) ₂][closo-CB ₁₁ H ₆ Br ₆]. Journal of Organometallic Chemistry, 2003, 667, 1-4.	0.8	12
166	A d ¹⁰ Ag(<i>σ</i> -amine)borane <i>η</i> -alkane complex and comparison with a d ⁸ Rh(<i>σ</i> -amine) analogue: structures on the <i>η</i> ¹ to <i>η</i> ² : <i>η</i> ² continuum. Dalton Transactions, 2019, 48, 9776-9781.	1.6	12
167	Controlled Synthesis of Well-Defined Polyaminoboranes on Scale Using a Robust and Efficient Catalyst. Journal of the American Chemical Society, 2021, 143, 21010-21023.	6.6	12
168	Early versus late transition metals. Electronic structure of nido-2-CpMLnB ₄ H ₈ , CpMLn=CpTaCl ₂ , CpWH ₃ and CpCo. Inorganica Chimica Acta, 1999, 289, 85-94.	1.2	11
169	[Ir(PPh ₃) ₂ (H) ₂ (ClCH ₂ CH ₂ Cl)] [BARF4]: a well characterised transition metal dichloroethane complex. Dalton Transactions, 2007, , 1759.	1.6	11
170	Exploring (Ph ₂ PCH ₂ CH ₂) ₂ E Ligand Space (E = O, S, PPh) in RhI Alkene Complexes as Potential Hydroacylation Catalysts. European Journal of Inorganic Chemistry, 2011, 2011, 5558-5565.	1.0	11
171	A Rhodium ⁺ Pentane Sigma ⁺ Alkane Complex: Characterization in the Solid State by Experimental and Computational Techniques. Angewandte Chemie, 2016, 128, 3741-3745.	1.6	11
172	A convenient route to a norbornadiene adduct of iridium with chelating phosphines, [Ir(R ₂ PCH ₂ CH ₂ PR ₂)(NBD)] [http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll"] $[Ir(R_2PCH_2CH_2PR_2)(NBD)]$ and a comparison of reactivity with H ₂ in solution and the solid ⁺ state. Journal of Organometallic Chemistry, 2016, 812, 268-271.	0.8	11
173	<i>η</i> ² -Alkene Complexes of [Rh(PONOP- <i>σ</i> -Pr)(L)] ⁺ Cations (L = COD, NBD, Tj ETQq1 1 0.784314 r g B) [Rh(PONOP- <i>σ</i> -Pr)(<i>η</i> -H ₂)] ⁺ . Inorganic Chemistry, 2021, 60, 13903-13912.	1.9	11
174	Facile, metal promoted, oxidation of <i>η</i> -4-1,3-diphosphacyclobutadiene by water or methanol: synthesis of [MoCl(CO)(<i>η</i> -4-1,3-P ₂ C ₂ But ₂)(<i>η</i> -5-L)] (L = C ₅ H ₅ , C ₅ Me ₅) and [MoCl(CO){ <i>η</i> -3,3, <i>η</i> -5-PC ₂ But ₂ PH(OR)}(<i>η</i> -5-L)] (L = C ₅ H ₅ , R) Tj ETQq0 0 0 r g B	1.5	9
175	Bi- and tri-metallic {Cp [*] RhCl} fragments partnered with carborane monoanions [CB ₁₁ H ₆ Y ₆] ⁻ (Y = H, Br): control of nuclearity by choice of anion. Applied Organometallic Chemistry, 2003, 17, 388-392.	1.7	9
176	Synthesis of Highly Fluorinated Arene Complexes of [Rh(Chelating Phosphine)] ⁺ Cations, and their use in Synthesis and Catalysis. Chemistry - A European Journal, 2020, 26, 2883-2889.	1.7	9
177	MicroED characterization of a robust cationic <i>η</i> -alkane complex stabilized by the [B(3,5-(SF ₅) ₂ C ₆ H ₃) ₄] ⁻ anion, <i>in situ</i> on-grid solid/gas single-crystal to single-crystal reactivity. Dalton Transactions, 2022, 51, 3661-3665.	1.6	9
178	Using EPR to follow reversible dihydrogen addition to paramagnetic clusters of high hydride count: [Rh ₆ (PCy ₃) ₆ H ₁₂] ⁺ and [Rh ₆ (PCy ₃) ₆ H ₁₄] ⁺ . Dalton Transactions, 2010, 39, 1726-1733.	1.6	8
179	Dehydrogenation of cyclic thioethers bound to a [Rh(diphosphine)] ⁺ fragment. Dalton Transactions, 2011, 40, 6626.	1.6	8
180	Selectivity of Rh ⁺ C Binding in a <i>η</i> -Alkane Complex Controlled by the Secondary Microenvironment in the Solid State. Chemistry - A European Journal, 2021, 27, 3177-3183.	1.7	8

#	ARTICLE	IF	CITATIONS
181	Encapsulation of Crabtree's Catalyst in Sulfonated MIL-101(Cr): Enhancement of Stability and Selectivity between Competing Reaction Pathways by the MOF Chemical Microenvironment. <i>Angewandte Chemie</i> , 2018, 130, 4622-4627.	1.6	7
182	The [Rh(Xantphos)] ⁺ catalyzed hydroboration of diphenylacetylene using trimethylamine-borane. <i>Inorganica Chimica Acta</i> , 2019, 491, 9-13.	1.2	7
183	Tolerant to air σ -alkane complexes by surface modification of single crystalline solid-state molecular organometallics using vapour-phase cationic polymerisation: SMOM@polymer. <i>Chemical Communications</i> , 2020, 56, 4328-4331.	2.2	7
184	<i>ortho</i> -aryl substituted DPEphos ligands: rhodium complexes featuring C-H anagostic interactions and B-H agostic bonds. <i>Chemical Science</i> , 2021, 12, 8832-8843.	3.7	7
185	8-[1,2-Bis(diphenylphosphino)ethane]-9,10- η^4 -hydrido-8-rhoda-7-thia-nido-undecaborane(10)- μ -Dichloromethane (2/1). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 3020-3024.	0.4	6
186	Iron Precatalysts with Bulky Tri(tert-butyl)cyclopentadienyl Ligands for the Dehydrocoupling of Dimethylamine-Borane. <i>Chemistry - A European Journal</i> , 2018, 24, 14127-14136.	1.7	6
187	Computational Studies of the Solid-State Molecular Organometallic (SMOM) Chemistry of Rh σ -Alkane Complexes. <i>Structure and Bonding</i> , 2020, , 183-228.	1.0	6
188	Metathesis by partner interchange in σ -bond ligands: expanding applications of the σ -CAM mechanism. <i>Angewandte Chemie</i> , 0, , .	1.6	6
189	Inverse Isotope Effects in Single-Crystal to Single-Crystal Reactivity and the Isolation of a Rhodium Cyclooctane σ -Alkane Complex. <i>Organometallics</i> , 2022, 41, 284-292.	1.1	6
190	Redetermination of 1,7-Diphenyl-1,7-dicarba-closo-dodecaborane(12). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 2221-2222.	0.4	5
191	Towards experimental mapping of the mechanism of heteroborane isomerisation. <i>Special Publication - Royal Society of Chemistry</i> , 2007, , 329-336.	0.0	5
192	A rhodium(III) complex of the linear diborazine H ₃ B-NMe ₂ BH ₂ -NMe ₂ H: an intermediate in the dehydrocoupling of H ₃ B-NMe ₂ H. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011, 67, m355-m358.	0.4	5
193	[1-Me-1-closo-SnB ₁₁ H ₁₁] ⁻ as a potential weakly coordinating anion: Synthesis of Rh(PPh ₃) ₂ (1-Me-closo-SnB ₁₁ H ₁₁) and comparisons with Rh(PR ₃) ₂ (1-H-closo-CB ₁₁ H ₁₁). <i>Heteroatom Chemistry</i> , 2006, 17, 174-180.	0.4	4
194	Reversible Addition of Water to the High-Hydride-Content Cluster [Rh ₆ (PiPr ₃) ₆ H ₁₂][BARF ₄] ₂ . Synthesis and Structure of [Rh ₆ (PiPr ₃) ₆ H ₁₁ (OH)][BARF ₄] ₂ . <i>Inorganic Chemistry</i> , 2008, 47, 778-780.	1.9	4
195	Aqueous-organic biphasic redox-chemistry of high-hydride content rhodium clusters: Towards immobilisation of redox-switchable H ₂ binding materials on a surface. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2808-2813.	0.8	4
196	Poly[(η^4 -adamantane-1,3-dicarboxylato- η^5 O ₁ O ₁ μ^2 :O ₃ O ₃ μ^2)(η^3 -adamantane-1,3-dicarboxylato- η^5 O ₁ O ₁ μ^2 :O ₃ O ₃ μ^2 :O ₃ O ₃ μ^2)] as a layered coordination polymer. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011, 67, m335-m337.	0.4	4
197	{Rh(PiBu ₃) ₂ } ⁺ Fragments Ligated to Arenes: From Benzene to Polyaromatic Hydrocarbons, Part II - Computational Analysis of Pathways for Haptotropic Migration. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1626-1634.	1.0	4
198	Si-C(σ^3) bond activation through oxidative addition at a Rh(σ) centre. <i>Dalton Transactions</i> , 2020, 49, 5416-5419.	1.6	4

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199	Cluster expansion and vertex substitution pathways in nickel germanide Zintl clusters. <i>Chemical Communications</i> , 2021, 57, 7132-7135.	2.2	4
200	<i>Ortho</i> -DPEphos: Synthesis and Coordination Chemistry in Rhodium and Gold Complexes, and Comparison with DPEphos. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, .	1.0	4
201	Isolierung einer nicht-ikosaedrischen Zwischenstufe der Isomerisierung eines ikosaedrischen Metallocarborans. <i>Angewandte Chemie</i> , 1997, 109, 617-619.	1.6	3
202	3-(<i>Î</i> -3-Allyl)-3,3-dicarbonyl-4-(dimethyl sulfido)-3,1,2-molybdadicarba-closo-dodecaborane(12). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998, 54, 214-217.	0.4	3
203	A Structurally Characterized Cobalt(I) <i>Î</i> -Alkane Complex. <i>Angewandte Chemie</i> , 2020, 132, 6236-6240.	1.6	3
204	3 <i>Î</i> -Boron. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2000, 96, 23-44.	0.8	2
205	3 Boron. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2001, 97, 25-47.	0.8	2
206	3 <i>Î</i> -Boron. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2002, 98, 23-44.	0.8	2
207	3 <i>Î</i> -Boron. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2003, 99, 21-42.	0.8	2
208	4 <i>Î</i> -Boron. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2004, 100, 35-53.	0.8	2
209	Conversion of butanol to propene in flow: A triple dehydration, isomerisation and metathesis cascade. <i>Catalysis Communications</i> , 2022, 164, 106421.	1.6	2
210	9-Dicyclohexylphenylphosphino-arachno-6-thiadecaborane(11). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 2851-2853.	0.4	1
211	catena-Poly[[tetrafluoroborato- <i>Î</i> (F)silver(I)]- <i>Î</i> 1/4-triphenylphosphine- <i>Î</i> 2P:C3]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m302-m303.	0.2	1
212	Reversible Encapsulation of Xenon and CH ₂ Cl ₂ in a Solid-State Molecular Organometallic Framework (Guest@SMOM). <i>Angewandte Chemie</i> , 2019, 131, 17029-17033.	1.6	1
213	Erratum to "Reversible on/off switching of σ interactions in rhodathiaboranes with anomalous electron counts, Synthesis and molecular structure of [(Ph ₃ P) ₂ N][1-dppe-1,2-closo-RhSB ₉ H ₉] \cdot [J. Organomet. Chem. 527(1997) 283-285]. <i>Journal of Organometallic Chemistry</i> , 1997, 534, 249.	0.8	0
214	<i>Î</i> 1/4-cktitelbild: A Structurally Characterized Cobalt(I) <i>Î</i> -Alkane Complex (<i>Angew. Chem.</i> 15/2020). <i>Angewandte Chemie</i> , 2020, 132, 6349-6349.	1.6	0
215	A charge density investigation into an Rh...C-C sigma interaction. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2011, 67, C451-C451.	0.3	0