

Alison J Canty

List of Publications by Year in descending order

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222
papers

7,236
citations

57631

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all docs

227
docs citations

227
times ranked

4274
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion-pairs as a gateway to transmetalation: aryl transfer from boron to nickel and magnesium. Dalton Transactions, 2022, 51, 5699-5705.	1.6	1
2	DFT characterisation of a Pd ^{II} –I ^{III} adduct, and a Pd ^{II} complex formed after oxidative alkenylation of Pd ^{II} by [Ph(alkenyl)I ^{III}] ⁺ , in Pd-mediated synthesis of benzofurans involving Pd ^{IV} , annulation and chain-walking. Dalton Transactions, 2022, 51, 9377-9384.	1.6	3
3	Using electrospray ionization–tandem mass spectrometry to explore formation and gas-phase chemistry of silver nanoclusters generated from the reaction of silver salts with NaBH ₄ in the presence of bis(diphenylarsino)methane. Journal of Mass Spectrometry, 2021, 56, e4590.	0.7	1
4	Gas-phase studies of copper(I)-mediated CO ₂ extrusion followed by insertion of the heterocumulenes CS ₂ or phenylisocyanate. Journal of Mass Spectrometry, 2021, 56, e4579.	0.7	6
5	Dissecting transmetalation reactions at the molecular level: C–B versus F–B bond activation in phenyltrifluoroborate silver complexes. Dalton Transactions, 2021, 50, 1496-1506.	1.6	4
6	Modeling Metal-Catalyzed Polyethylene Depolymerization: [(Phen)Pd(X)] ⁺ (X = H and CH ₃) Catalyze the Decomposition of Hexane into a Mixture of Alkenes via a Complex Reaction Network. Organometallics, 2021, 40, 857-868.	1.1	7
7	Suzuki–Miyaura Csp ² –Csp ² Cross-Couplings Employing Nickel(II) Pincer Precatalysts: Mechanistic Investigations. Organometallics, 2021, 40, 2305-2310.	1.1	5
8	Computational Study of Intramolecular Coordination Enhanced Oxidative Addition to form PdIV-Pincer Complexes, and Selectivity in Aryloxy Attack at PdIVCH ₂ CRR ₂ Motifs in Palladium-Mediated Organic Synthesis. Organometallics, 2021, 40, 1262-1269.	1.1	3
9	Synthesis of Arylpalladium(II) Boronates: Confirming the Structure and Chemical Competence of Pre-transmetalation Intermediates in the Suzuki–Miyaura Reaction. Angewandte Chemie - International Edition, 2021, 60, 14897-14901.	7.2	7
10	Synthesis of Arylpalladium(II) Boronates: Confirming the Structure and Chemical Competence of Pre-transmetalation Intermediates in the Suzuki–Miyaura Reaction. Angewandte Chemie, 2021, 133, 15023-15027.	1.6	0
11	Dissecting Transmetalation Reactions at the Molecular Level: Role of the Coordinated Anion in Gas-Phase Models for the Transmetalation Step of the Hiyama Cross-Coupling Reaction. Organometallics, 2021, 40, 1822-1829.	1.1	5
12	Computational study of bridge-splitting, aryl halide oxidative addition to PtII, and reductive elimination from PtIV: a route to pincer-PtII reagents with chemical and biological applications. Chemistry - A European Journal, 2021, 27, 15426-15433.	1.7	0
13	Cracking and Dehydrogenation of Cyclohexane by [(phen)M(X)] ⁺ (M = Ni, Pd, Pt; X = H,). Tj ETQq1 1 0,784314 rgBT /Over	1.1	4
14	Examination of N,N-dimethylbenzylamine as a substrate for ruthenium-catalysed C-H (thio)amidation: A mass spectrometry and DFT directed study. Journal of Organometallic Chemistry, 2021, 950, 121973.	0.8	1
15	Enhanced Synthesis of oxo-Verdazyl Radicals Bearing Sterically and Electronically Diverse C3-Substituents. Organic and Biomolecular Chemistry, 2021, 19, 10120-10138.	1.5	6
16	Electron Delocalization in Spectroelectrochemically and Computationally Characterized [Pt{(p-BrC ₆ F ₄)NCH ₂ C(Cl)NEt ₂ }Cl(py)] ⁺ Formed by Electrochemical Oxidation of [Pt ^{II} {(p-BrC ₆ F ₄)NCH ₂ C(Cl)NEt ₂ }Cl(py)]. Inorganic Chemistry, 2021, 60, 18899-18911.	1.9	1
17	Microtubule-dependent processes precede pathological calcium influx in excitotoxin-induced axon degeneration. Journal of Neurochemistry, 2020, 152, 542-555.	2.1	8
18	Oxidatively Induced Aryl–CF ₃ Coupling at Diphosphine Nickel Complexes. Organometallics, 2020, 39, 3-7.	1.1	11

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19	A Two-Step Catalytic Cycle for the Acceptorless Dehydrogenation of Ethane by Group 10 Metal Complexes: Role of the Metal in Reactivity and Selectivity. <i>Organometallics</i> , 2020, 39, 4027-4036.	1.1	5
20	Computational Analysis of Mesomerism in σ -Substituted π -CNCN Pincer Platinum(II) Complexes, Including its Relationships with Hammett ρ Substituent Parameters. <i>Chemistry - A European Journal</i> , 2020, 26, 15629-15635.	1.7	6
21	Gas-Phase Models for the Nickel- and Palladium-Catalyzed Deoxygenation of Fatty Acids. <i>ChemCatChem</i> , 2020, 12, 5476-5485.	1.8	6
22	DFT studies of two-electron oxidation, photochemistry, and radical transfer between metal centres in the formation of platinum(IV) and palladium(IV) selenolates from diphenyldiselenide and metal(II) reactants. <i>Dalton Transactions</i> , 2020, 49, 13566-13572.	1.6	1
23	Identification of the Side Products That Diminish the Yields of the Monoamidated Product in Metal-Catalyzed C-H Amidation of 2-Phenylpyridine with Arylisocyanates. <i>Journal of Organic Chemistry</i> , 2020, 85, 2680-2687.	1.7	9
24	Palladium-Mediated CO ₂ Extrusion Followed by Insertion of Isocyanates for the Synthesis of Benzamides: Translating Fundamental Mechanistic Studies To Develop a Catalytic Protocol. <i>Organometallics</i> , 2020, 39, 453-467.	1.1	17
25	Aryl-Fluoride Bond-Forming Reductive Elimination from Nickel(IV) Centers. <i>Journal of the American Chemical Society</i> , 2019, 141, 13261-13267.	6.6	37
26	Nickel(IV)-Catalyzed C-H Trifluoromethylation of (Hetero)arenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 12872-12879.	6.6	82
27	Desulfination versus decarboxylation as a means of generating three- and five-coordinate organopalladium complexes [(phen) _n Pd(C ₆ H ₅) _n] ⁺ (n = 1 and 2) to study their fundamental bimolecular reactivity. <i>Journal of Organometallic Chemistry</i> , 2019, 882, 42-49.	0.8	6
28	Gas-Phase Synthesis and Reactivity of Ligated Group 10 Ions in the Formal +1 Oxidation State. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1867-1880.	1.2	7
29	Gas-Phase Reactions of the Group 10 Organometallic Cations, [(phen)M(CH ₃) ₃] ⁺ with Acetone: Only Platinum Promotes a Catalytic Cycle via the Enolate [(phen)Pt(OC(CH ₃) ₂)CH ₃] ⁺ . <i>Zeitschrift Fur Physikalische Chemie</i> , 2019, 233, 845-864.	1.4	5
30	Formation and reactions of the 1, 8-naphthyridine (napy) ligated geminally dimetallated phenyl complexes [(napy)Cu ₂ (Ph)] ⁺ , [(napy)Ag ₂ (Ph)] ⁺ and [(napy)CuAg(Ph)] ⁺ . <i>European Journal of Mass Spectrometry</i> , 2019, 25, 30-43.	0.5	1
31	Nickel(II/IV) Manifold Enables Room-Temperature C(sp ³)-H Functionalization. <i>Journal of the American Chemical Society</i> , 2019, 141, 19513-19520.	6.6	25
32	Synthesis of Amidines by Palladium-Mediated CO ₂ Extrusion Followed by Insertion of Carbodiimides: Translating Mechanistic Studies to Develop a One-Pot Method. <i>Organometallics</i> , 2019, 38, 424-435.	1.1	16
33	Aryl-CF ₃ Coupling from Phosphinoferrrocene-Ligated Palladium(II) Complexes. <i>Organometallics</i> , 2019, 38, 519-526.	1.1	29
34	Routes for the gas-phase total synthesis of dihydroxy magnesium carboxylate anions, [(RCO ₂)Mg(OH) ₂] ⁻ (R = CH ₃ and CH ₃ (CH ₂) ₁₄). <i>International Journal of Mass Spectrometry</i> , 2019, 436, 91-100.	0.7	0
35	Ligand-induced decarbonylation in diphosphine-ligated palladium acetates [CH ₃ CO ₂ Pd(PR ₂) ₂ CH ₂] ⁺ (R) <i>Tj ETC</i> 1 0.784314	1.6	10
36	Synthesis, structure, and condensed-phase reactivity of [Ag ₃ (I ₃ -H)(I ₃ -BH ₄)L ₃](BF ₄) (L = bis(diphenylphosphino)amine) with CS ₂ . <i>Dalton Transactions</i> , 2018, 47, 14713-14725.	1.6	10

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37	DFT studies of isomerization in palladium(IV) chemistry and alkyl halide transfer from palladium(IV) to palladium(II). <i>Journal of Organometallic Chemistry</i> , 2018, 872, 110-113.	0.8	1
38	Reduction of a platinum(IV) prodrug model by sulfur containing biological reductants: computational mechanistic elucidation. <i>Chemical Communications</i> , 2018, 54, 10491-10494.	2.2	17
39	Role of Silver Salts in Palladium-Catalyzed Arene and Heteroarene C-H Functionalization Reactions. <i>Organometallics</i> , 2017, 36, 165-171.	1.1	151
40	A one-pot route to thioamides discovered by gas-phase studies: palladium-mediated CO ₂ extrusion followed by insertion of isothiocyanates. <i>Chemical Communications</i> , 2017, 53, 3854-3857.	2.2	24
41	Computational study of C(sp ³)-O bond formation at a Pd(IV) centre. <i>Dalton Transactions</i> , 2017, 46, 3742-3748.	1.6	25
42	Gas-Phase Ion-Molecule Reactions of Copper Hydride Anions [CuH ₂] ⁻ and [Cu ₂ H ₃] ⁻ . <i>Inorganic Chemistry</i> , 2017, 56, 2387-2399.	1.9	32
43	Oxidatively Induced C-H Activation at High Valent Nickel. <i>Journal of the American Chemical Society</i> , 2017, 139, 6058-6061.	6.6	62
44	Experimental and Computational Studies of High-Valent Nickel and Palladium Complexes. <i>Organometallics</i> , 2017, 36, 4382-4393.	1.1	55
45	[Cu ₃ (μ ₃ -H)(μ ₃ -BH ₄)(PPh ₂) ₂ (NH) ₃](BF ₄) to [Cu ₃ (μ ₃ -H)(μ ₂ , μ ₁ -S ₂ CH)(PPh ₂) ₂ (NH) ₂] via reaction with CS ₂ . X-ray structural characterisation and reactivity of cationic clusters explored by multistage mass spectrometry and computational studies. <i>Dalton Transactions</i> ,		
46	Stoichiometric and Catalytic Aryl-Perfluoroalkyl Coupling at Tri- <i>tert</i> -butylphosphine Palladium(II) Complexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 11662-11665.	6.6	59
47	Computational study of selectivity in the [Pt ^{II} Cl ₄] ²⁻ -catalysed arylation of arenes by diaryliodonium reagents: arene activation at Pt(IV) centres. <i>Dalton Transactions</i> , 2017, 46, 15480-15486.	1.6	6
48	Substituent effects in the decarboxylation reactions of coordinated arylcarboxylates in dinuclear copper complexes, [(npy)Cu ₂ (O ₂ CC ₆ H ₄ X)] ⁺ . <i>European Journal of Mass Spectrometry</i> , 2017, 23, 351-358.	0.5	6
49	Carbon-Carbon Bond-Forming Reductive Elimination from Isolated Nickel(III) Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 16105-16111.	6.6	113
50	Theoretical Investigation into the Mechanism of Cyanomethylation of Aldehydes Catalyzed by a Nickel Pincer Complex in the Absence of Base Additives. <i>ACS Catalysis</i> , 2016, 6, 60-68.	5.5	21
51	Prying open a Reactive Site for Allylic Arylation by Phosphine-Ligated Geminally Diaurated Aryl Complexes. <i>Organometallics</i> , 2015, 34, 3255-3263.	1.1	9
52	Computational Study of Intramolecular Arene Palladation at a Palladium(IV) Center. <i>Organometallics</i> , 2015, 34, 1085-1090.	1.1	23
53	Gas-Phase and Computational Study of Identical Nickel- and Palladium-Mediated Organic Transformations Where Mechanisms Proceeding via M ^{II} or M ^{IV} Oxidation States Are Determined by Ancillary Ligands. <i>Journal of the American Chemical Society</i> , 2015, 137, 13588-13593.	6.6	8
54	Synthesis, structure and gas-phase reactivity of the mixed silver hydride borohydride nanocluster [Ag ₃ (μ ₃ -H)(μ ₃ -BH ₄)L ₃ Ph ₃] ⁺ BF ₄ ⁻ . <i>Journal of the American Chemical Society</i> , 2015, 137, 13588-13593.	2.8	46

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55	Decarboxylative-Coupling of Allyl Acetate Catalyzed by Group 10 Organometallics, [(phen)M(CH ₃) ₃] ⁺ . Journal of Organic Chemistry, 2014, 79, 12056-12069.	1.7	24
56	Mechanistic Investigations of Cu-Catalyzed Fluorination of Diaryliodonium Salts: Elaborating the Cu ^I /Cu ^{III} Manifold in Copper Catalysis. Organometallics, 2014, 33, 5525-5534.	1.1	60
57	Computational Study of Carbostannylation Implicating Bimetallic Catalysis Involving α -Au ^I -Vinyl-Pd ^{II} -Species. ACS Catalysis, 2014, 4, 860-869.	5.5	9
58	Theoretical Study of the Mechanism of CO and Acetylene Migratory Insertions into Pt-Cp* Bonds. Organometallics, 2014, 33, 2384-2387.	1.1	2
59	Formation of Ethane from Mono-Methyl Palladium(II) Complexes. Journal of the American Chemical Society, 2014, 136, 8237-8242.	6.6	35
60	Cu-Catalyzed Fluorination of Diaryliodonium Salts with KF. Organic Letters, 2013, 15, 5134-5137.	2.4	162
61	Mechanism of Pd-Catalyzed Ar-Ar Bond Formation Involving Ligand-Directed C-H Arylation and Diaryliodonium Oxidants: Computational Studies of Orthopalladation at Binuclear Pd(II) Centers, Oxidation To Form Binuclear Palladium(III) Species, and Ar-Ar Reductive Coupling. Organometallics, 2013, 32, 544-555.	1.1	52
62	Theoretical Investigation into the Mechanism of 3 β -dGMP Oxidation by [Pt ^{IV} Cl ₄](dach)]. Inorganic Chemistry, 2013, 52, 707-717.	1.9	31
63	Synthetic and computational studies of the palladium(IV) system Pd(alkyl)(aryl)(alkynyl)(bidentate)(triflate) exhibiting selectivity in C reductive elimination. Dalton Transactions, 2012, 41, 11820.	1.6	19
64	Connecting Binuclear Pd(III) and Mononuclear Pd(IV) Chemistry by Pd-Pd Bond Cleavage. Journal of the American Chemical Society, 2012, 134, 12002-12009.	6.6	148
65	Theoretical Investigation into the Mechanism of Reductive Elimination from Bimetallic Palladium Complexes. Inorganic Chemistry, 2011, 50, 6449-6457.	1.9	46
66	η -1-Alkynyl Chemistry for the Higher Oxidation States of Palladium and Platinum. Topics in Organometallic Chemistry, 2011, , 111-127.	0.7	10
67	Structural Chemistry of [MX ₂ (bipy)] (M=Pd, Pt; X=Cl, Br, I): the Yellow Polymorph of Dichlorido(2,2'-bipyridine)platinum(II) and Diiodido(2,2'-bipyridine)palladium(II), and Overview of this System. Australian Journal of Chemistry, 2011, 64, 1355.	0.5	16
68	Structural chemistry of dihalogenopalladium(II) and platinum(II) complexes of heteroleptic N,S- and N,Se-donor ligands based on the 2-organochalcogenomethylpyridine motif. Inorganica Chimica Acta, 2011, 376, 290-295.	1.2	6
69	UV initiated formation of polymer monoliths in glass and polymer microreactors. Sensors and Actuators B: Chemical, 2011, 155, 388-396.	4.0	35
70	Carbon-carbon and carbon-chlorine bond formation on reaction of iodine(III) reagents with the bis(alkynyl)palladium(II) motif, and structural chemistry of trans-Pd(C C-o-Tol) ₂ (PMe ₂ Ph) ₂ and trans-[PdCl(C C-o-Tol)(PMe ₂ Ph) ₂]. Journal of Organometallic Chemistry, 2011, 696, 1441-1444.	0.8	6
71	Synthesis and structure of dichloropalladium(II) complexes of heteroleptic N,S- and N,Se-donor ligands based on the 2-organochalcogenomethylpyridine motif, and Mizoroki-Heck catalysis mediated by complexes of N,S-donor ligands. Inorganica Chimica Acta, 2010, 363, 77-87.	1.2	26
72	Selectivity in reductive elimination from dialkyl(aryl)palladium(IV) complexes, and the observation of benzyl halide transfer from palladium(IV) to palladium(II). The X-ray structure of methyl(phenyl)(2,2 ϵ -bipyridyl)palladium(II). Recueil Des Travaux Chimiques Des Pays-Bas, 2010, 110, 477-479.	0.0	22

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73	Ligand Effects in Bimetallic High Oxidation State Palladium Systems. <i>Inorganic Chemistry</i> , 2010, 49, 11249-11253.	1.9	37
74	Characterization of Tetra-aryl Benzene Isomers by Using Preparative Gas Chromatography with Mass Spectrometry, Nuclear Magnetic Resonance Spectroscopy, and X-ray Crystallographic Methods. <i>Analytical Chemistry</i> , 2010, 82, 4501-4509.	3.2	34
75	A new mechanistic pathway under Sonogashira reaction protocol involving multiple acetylene insertions. <i>Dalton Transactions</i> , 2010, 39, 3799.	1.6	8
76	Supported palladium catalysis using a heteroleptic 2-methylthiomethylpyridine- <i>N,S</i> donor motif for Mizoroki-Heck and Suzuki-Miyaura coupling, including continuous organic monolith in capillary microscale flow-through mode. <i>Tetrahedron</i> , 2009, 65, 7474-7481.	1.0	42
77	Palladium-mediated organic synthesis using porous polymer monolith formed in situ as a continuous catalyst support structure for application in microfluidic devices. <i>Tetrahedron</i> , 2009, 65, 1450-1454.	1.0	74
78	Organopalladium and platinum chemistry in oxidising milieu as models for organic synthesis involving the higher oxidation states of palladium. <i>Dalton Transactions</i> , 2009, , 10409.	1.6	155
79	Binuclear Intermediates in Oxidation Reactions: [(Me ₃ SiCMe ₂ (bipy)Pt~PtMe ₂ (bipy)] ⁺ in the Oxidation of PtII Me ₂ (bipy) (bipy = 2,2'-Bipyridine) by IPh(CSiMe ₃)(OTf) (OTf = Triflate). <i>Journal of the American Chemical Society</i> , 2009, 131, 7236-7237.	6.6	43
80	Microfluidic Devices for Flow-Through Supported Palladium Catalysis on Porous Organic Monolith. <i>Australian Journal of Chemistry</i> , 2008, 61, 630.	0.5	16
81	Synthesis and Reactivity of (<i>i</i> -Alkynyl)diorganoplatinum(IV) Species, Including Structural Studies of PtII Me(<i>i</i> -Tol)(CMe ₃)(dmpe) [dmpe = 1,2-bis(dimethylphosphino)ethane] and the Platinum(II) Reagent PtPh ₂ (dmpe). <i>Organometallics</i> , 2008, 27, 3203-3209.	1.1	25
82	Dimethylpalladium(II) and Monomethylpalladium(II) Reagents and Complexes. <i>Inorganic Syntheses</i> , 2007, , 162-172.	0.3	20
83	Transition Metal Organometallic Synthesis Utilising Diorganoiodine(III) Reagents. <i>Advances in Organometallic Chemistry</i> , 2007, , 279-313.	0.5	22
84	Tris [N-(3-tert-Butyl) Pyrazolyl] methane. <i>Inorganic Syntheses</i> , 2007, , 63-65.	0.3	17
85	Synthesis and solid-state structural characterisation of Pt(II,IV) bromide complexes containing bidentate organothiomethylpyridine heteroleptic ligands. <i>Polyhedron</i> , 2007, 26, 708-718.	1.0	10
86	Organo(organooxo)mercury(II) chemistry – Synthesis and structure of methyl(phenoxo)mercury(II). <i>Canadian Journal of Chemistry</i> , 2006, 84, 77-80.	0.6	2
87	Access to Alkynylpalladium(IV) and -Platinum(IV) Species, Including Triorgano(diphosphine)metal(IV) Complexes and the Structural Study of an Alkynyl(pincer)platinum(IV) Complex, Pt(O ₂ CArF)I(CMe ₃)(NCN) (ArF = 4-CF ₃ C ₆ H ₄ , NCN = [2,6-(dimethylaminomethyl)phenyl-N,C,N]-). <i>Organometallics</i> , 2006, 25, 3996-4001.	1.1	67
88	Synthesis and Structures of the Ligands 1-Methylimidazol-2-yl(pyridin-2-yl)methanone {(py)(mim)CO} and 1-Benzylimidazol-2-yl(1-phenylaldimine) (PhN=CHbim) as their Tetracarbonylmolybdenum(0) Complexes [Mo(CO) ₄ (L ₂ -N ₂)]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 876-878.	0.6	1
89	Synthesis of nickel(II) complexes containing neutral N,N' and anionic N,O bidentate ligands, and their behaviour as chain-growth catalysts; structural characterisation of complexes containing (mim) ₂ CO, , and mimCPh ₂ O (mim=1-methylimidazol-2-yl). <i>Inorganica Chimica Acta</i> , 2006, 359, 1710-1724.	1.2	21
90	Macroporous monolith supports for continuous flow capillary microreactors. <i>Tetrahedron Letters</i> , 2006, 47, 9321-9324.	0.7	49

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91	Synthesis and structure of alkynylplatinum(IV) complexes containing the pincer group [2,6-(dimethylaminomethyl)phenyl-N,C,N]â ⁺ . <i>Inorganic Chemistry Communication</i> , 2005, 8, 55-57.	1.8	18
92	Carbonâ ⁺ Oxygen Bond Formation at Organopalladium Centers:â ⁺ The Reactions of PdMeR(L2) (R = Me,) Tj ETQq0 0 0 rgBT /Overlock <i>Organometallics</i> , 2004, 23, 1122-1131.	1.1	65
93	Reversible oxidative addition of a diaryl diselenide to a diorganopalladium(II) complex, carbonâ ⁺ selenium bond formation at palladium(IV), and structural studies of palladium(II) and platinum(IV) selenolates. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 672-677.	0.8	31
94	1-Bromo-2,6-bis[(pyrazol-1-yl)methyl]benzene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004, 60, o98-o99.	0.4	1
95	Bis[tris(pyridin-2-yl)methanol-Î ⁺ N, Nâ ⁺ 2]palladium(II) dinitrate at 150 and 298â ⁺ ...K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004, 60, m305-m307.	0.4	2
96	Chloro(phenyl)(1H-pyrazole-Î ⁺ N2)(triphenylphosphine-Î ⁺ P)palladium(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004, 60, m405-m406.	0.4	1
97	Main Group Compounds. <i>Inorganic Syntheses</i> , 2004, , 1-48.	0.3	15
98	Carbonâ ⁺ Oxygen Bond Formation at Metal(IV) Centers:â ⁺ Reactivity of Palladium(II) and Platinum(II) Complexes of the [2,6-(Dimethylaminomethyl)phenyl-N,C,N]- (Pincer) Ligand toward Iodomethane and Dibenzoyl Peroxide; Structural Studies of M(II) and M(IV) Complexes. <i>Organometallics</i> , 2004, 23, 5432-5439.	1.1	90
99	Reactivity of Diaryliodine(III) Triflates toward Palladium(II) and Platinum(II):â ⁺ Reactions of C(sp2)â ⁺ I Bonds to Form Arylmetal(IV) Complexes; Access to Dialkyl(aryl)metal(IV), 1,4-Benzenediyl-Bridged Platinum(IV), and Triphenylplatinum(IV) Species; and Structural Studies of Platinum(IV) Complexes. <i>Organometallics</i> , 2004, 23, 3466-3473.	1.1	91
100	Entry to alkynylplatinum(IV) chemistry using hypervalent iodine(III) reagents, and the synthesis of triphenyl{4,4â ⁺ -bis(tert-butyl)-2,2â ⁺ -bipyridine}iodoplatinum(IV). <i>Inorganic Chemistry Communication</i> , 2003, 6, 1382-1384.	1.8	28
101	Mono(p-tolyl)platinum(II) and bis(p-tolyl)platinum(II) complexes of diethylsulfide as reagents for organoplatinum synthesis. Structures of [Pt(p-Tol)2(Î ⁺ 4-SËt2)]2 and PtCl(p-Tol)(bpy) (bpy=2,2â ⁺ -bipyridine). <i>Inorganica Chimica Acta</i> , 2002, 327, 15-19.	1.2	18
102	Organopalladium(IV) and platinum(IV) complexes containing the bis(pyrazol-1-yl)borate ligand. Structures of PtMe3{(pz)2BH2}(py) (py=pyridine) and Pt(mq)Me2{(pz)2BH2} (mq=8-methylquinolinyl) and detection of a neutral organopalladium(IV) phosphine complex. <i>Inorganica Chimica Acta</i> , 2002, 327, 20-25.	1.2	11
103	Neopentyl- and trimethylsilylmethylpalladium chemistry: synthesis of reagents for organopalladium chemistry and the crystal structure of the neopentyl(phenyl)palladium(IV) complex [Pd(mq)(CH2CMe3)Ph(bpy)]Br (mq=8-methylquinolinyl, bpy=2,2â ⁺ -bipyridine). <i>Inorganica Chimica Acta</i> , 2002, 338, 94-98.	1.2	12
104	Design and Performance of Rigid Nanosize Multimetallic Cartwheel Pincer Compounds as Lewis-Acid Catalysts. <i>Organometallics</i> , 2001, 20, 3159-3168.	1.1	125
105	Carbonâ ⁺ oxygen bond formation at organopalladium centres. <i>Inorganic Chemistry Communication</i> , 2001, 4, 648-650.	1.8	13
106	Ci-H activation at the 3-position of pentane chains to form [Ni-C(sp3)Î-N]â ⁺ complexes incorporating six-membered pallada(II)cyclic rings and pyridine, pyrazole and N-methylimidazole donor groups. Structural studies and comparison with [Ni-C(sp2)Î-N]â ⁺ complexes. <i>Journal of Organometallic Chemistry</i> , 2000, 607, 194-202.	0.8	34
107	Organopalladium(IV) complexes containing phosphine ligands, and the structure of the platinum(IV) complex [PtMe3(bpy)(PPh3)][O3SCF3] (bpy=2,2â ⁺ -bipyridine). <i>Journal of Organometallic Chemistry</i> , 2000, 595, 296-299.	0.8	21
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