

Alison J Canty

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9140059/publications.pdf>

Version: 2024-02-01

222
papers

7,236
citations

57631

44
h-index

85405

71
g-index

227
all docs

227
docs citations

227
times ranked

4274
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of organopalladium(IV) chemistry: fundamental aspects and systems for studies of mechanism in organometallic chemistry and catalysis. <i>Accounts of Chemical Research</i> , 1992, 25, 83-90.	7.6	403
2	Mechanisms of d8 organometallic reactions involving electrophiles and intramolecular assistance by nucleophiles. <i>Accounts of Chemical Research</i> , 1995, 28, 406-413.	7.6	221
3	Cu-Catalyzed Fluorination of Diaryliodonium Salts with KF. <i>Organic Letters</i> , 2013, 15, 5134-5137.	2.4	162
4	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
5	Role of Silver Salts in Palladium-Catalyzed Arene and Heteroarene C-H Functionalization Reactions. <i>Organometallics</i> , 2017, 36, 165-171.	1.1	151
6	Synthetic routes to methylpalladium(II) and dimethylpalladium(II) chemistry and the synthesis of new nitrogen donor ligand systems. <i>Organometallics</i> , 1990, 9, 210-220.	1.1	149
7	Connecting Binuclear Pd(III) and Mononuclear Pd(IV) Chemistry by Pd-Pd Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2012, 134, 12002-12009.	6.6	148
8	Reactivity and mechanism in oxidative addition to palladium(II) and reductive elimination from palladium(IV) and an estimate of the palladium methyl bond energy. <i>Organometallics</i> , 1988, 7, 1363-1367.	1.1	145
9	The oxidative addition of iodomethane to [PdMe ₂ (bpy)] and the X-ray structure of the organopalladium(IV) product fac-[PdMe ₃ (bpy)] (bpy = 2,2'-bipyridyl). <i>Journal of the Chemical Society Chemical Communications</i> , 1986, .	2.0	134
10	Design and Performance of Rigid Nanosize Multimetallic Cartwheel Pincer Compounds as Lewis-Acid Catalysts. <i>Organometallics</i> , 2001, 20, 3159-3168.	1.1	125
11	Organometallic Chemistry of Palladium and Platinum with Poly(pyrazol-1-yl)alkanes and Poly(pyrazol-1-yl)borates. <i>Advances in Organometallic Chemistry</i> , 1992, 34, 1-65.	0.5	115
12	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
13	Synthesis, reactivity, and structural studies in trimethylpalladium(IV) chemistry, including PdMe ₃ (bpy) and [MMe ₃ ((pz) ₃ CH)] ⁺ (M = palladium, platinum). <i>Organometallics</i> , 1990, 9, 826-832.	1.1	96
14	Reactivity of Diaryliodonium(III) Triflates toward Palladium(II) and Platinum(II): Reactions of C(sp ²) 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
15	Carbon-Oxygen Bond Formation at Metal(IV) Centers: 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
16	Oxidation of Complexes by (O ₂ CPh) ₂ and (ER) ₂ (E = S, Se), Including Structures of Pd(CH ₂ CH ₂ CH ₂ CH ₂)(SePh) ₂ (bpy) (bpy = 2,2'-Bipyridine) and MMe ₂ (SePh) ₂ (L ₂) (M = Pd, Pt; L ₂ = bpy,) <i>J. Organomet. Chem.</i> 1990, 375-3981.	1.9	87
17	Synthesis and Theoretical Studies of a Diorganohydridoplatinum(IV) Complex, PtHMe ₂ {(pz) ₃ BH-N,N,N,N}[(pz) ₃ BH] ₂ (pz = 2-pyrazol-1-yl) (= Tris(pyrazol-1-yl)borate). <i>Organometallics</i> , 1996, 15, 2845-2847.	1.1	83
18	Nickel(IV)-Catalyzed C-H Trifluoromethylation of (Hetero)arenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 12872-12879.	6.6	82

#	ARTICLE	IF	CITATIONS
19	Alkyl halide transfer from palladium(IV) to platinum(II) and a study of reactivity, selectivity, and mechanism in this and related reactions. <i>Organometallics</i> , 1989, 8, 1518-1522.	1.1	80
20	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
21	The synthesis of tripodal nitrogen donor ligands and their characterization as PdII Me ₂ and PdIII Me derivatives. <i>Journal of Organometallic Chemistry</i> , 1990, 385, 417-427.	0.8	70
22	Coordination chemistry of methylmercury(II). Synthesis, hydrogen-1 NMR, and crystallographic studies of cationic complexes of MeHg(II) with ambidentate and polydentate ligands containing pyridyl and N-substituted imidazolyl donors and involving unusual coordination geometries. <i>Inorganic Chemistry</i> , 1981, 20, 2414-2422.	1.9	69
23	Synthesis and structural studies of phenyl(iodo)- and methyl(phenyl)palladium(II) complexes of bidentate nitrogen donor ligands. <i>Journal of Organometallic Chemistry</i> , 1994, 482, 191-199.	0.8	68
24	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(Câ€•CSiMe 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
25	Carbonâˆ“Oxygen Bond Formation at Organopalladium Centers:â€‰ The Reactions of PdMeR(L ₂) (R = Me,). <i>Organometallics</i> , 2004, 23, 1122-1131.	1.1	65
26	Oxidation of Diorganopalladium(II) Complexes by Water and Halogens:â€‰ Reactions Involving Methyl Group Transfer and Structural Studies of Hydrogen-Bonded Adducts Formed by Aryl Alcohols with the Palladium(IV)cyclopentane Complex Pd(CH ₂ CH ₂ CH ₂ CH ₂)(OH){(pz) ₃ BH} ([pz] ₃ BH ⁻)	1.1	64
27	Phenylpalladium(IV) Chemistry: Selectivity in Reductive Elimination from Palladium(IV) Complexes and Alkyl Halide Transfer from Palladium(IV) to Palladium(II). <i>Organometallics</i> , 1994, 13, 2053-2058.	1.1	62
28	Oxidatively Induced Câ€“H Activation at High Valent Nickel. <i>Journal of the American Chemical Society</i> , 2017, 139, 6058-6061.	6.6	62
29	Mechanistic Investigations of Cu-Catalyzed Fluorination of Diaryliodonium Salts: Elaborating the Cu^I/Cu^{III} Manifold in Copper Catalysis. <i>Organometallics</i> , 2014, 33, 5525-5534.	1.1	60
30	Stoichiometric and Catalytic Arylâ€“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
31	Synthesis and Characterization of Ambient Temperature Stable Organopalladium(IV) Complexes, Including Aryl-, . <i>eta</i> .1-Allyl-, Ethylpalladium(IV), and Palladium(IV)cyclopentane Complexes. Structures of the Poly(pyrazol-1-yl)borate Complexes PdMe ₃ {(pz) ₃ BH} and PdMe ₃ {(pz) ₄ B} and Three Polymorphs of PdMe ₂ Ft{(pz) ₃ BH}. <i>Organometallics</i> , 1995, 14, 199-206.	1.1	56
32	Experimental and Computational Studies of High-Valent Nickel and Palladium Complexes. <i>Organometallics</i> , 2017, 36, 4382-4393.	1.1	55
33	Organoplatinum(II) and -(IV) and organopalladium(II) and -(IV) complexes of a macrocyclic thioether: x-ray crystal structure of Pt(C ₆ H ₅) ₂ (9S ₃), an example of exodentate 1,4,7-trithiacyclononane (9S ₃). <i>Inorganic Chemistry</i> , 1993, 32, 1951-1958.	1.9	53
34	Facial and meridional [Niâ€“Câ€“N]âˆ“ intramolecular coordination systems: structure of fac-PtBrMe ₂ {2,6-(pzCH ₂) ₂ C ₆ H ₃ }âˆ“1/2C ₆ H ₆ {2,6-(pzCH ₂) ₂ C ₆ H ₃ }âˆ“=2,6-(bis{(pyrazol-1-yl)methyl}phenyl)} and mer-PtBr{2,6-(3,5-Me ₂ pzCH ₂) ₂ C ₆ H ₃ }, and an alternative synthetic route to the platinum(II) [Niâ€“Câ€“N]âˆ“ kernel. <i>Journal of Organometallic Chemistry</i> , 2000, 599, 195-199.	0.8	53
35	Synthesis of the stable organopalladium(IV) complexes [fac-PdRMe ₂ (tripod)]X and selective reductive elimination of ethane from (. <i>eta</i> .1-allyl)palladium(IV) complexes to form (. <i>eta</i> .3-allyl)palladium(II) complexes. <i>Organometallics</i> , 1990, 9, 1231-1235.	1.1	52
36	Mechanism of Pd-Catalyzed Arâ€“Ar Bond Formation Involving Ligand-Directed Câ€“H Arylation and Diaryliodonium Oxidants: Computational Studies of Orthopalladation at Binuclear Pd(II) Centers, Oxidation To Form Binuclear Palladium(III) Species, and Arâˆ“Ar Reductive Coupling. <i>Organometallics</i> , 2013, 32, 544-555.	1.1	52

#	ARTICLE	IF	CITATIONS
37	Cyclometallation of polydentate ligands containing pyrazole groups, including the synthesis of platinum(IV) complexes with tripodal [Ni—,Cî—,N]- ligand systems. <i>Journal of Organometallic Chemistry</i> , 1990, 387, 247-263.	0.8	51
38	Co-ordination chemistry of pyridyl and N-methylimidazolyl ketones. Synthetic and X-ray structural studies of copper(II), nickel(II), and dimethylgold(III) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1985, , 981.	1.1	49
39	Macroporous monolith supports for continuous flow capillary microreactors. <i>Tetrahedron Letters</i> , 2006, 47, 9321-9324.	0.7	49
40	Interaction of methylmercury(II) with N-substituted pyrazoles. .sigma.-Donor ability of pyridines, imidazoles, and pyrazoles. <i>Organometallics</i> , 1982, 1, 1063-1066.	1.1	46
41	Water and Protic Acids as Oxidants for Platinum(II):Â Diorgano(hydrido)platinum(IV) and Diorgano(hydroxo)platinum(IV) Chemistry, Including Structural Studies of Poly(pyrazol-1-yl)borate Complexes Pt(OH)R2{(pz)3BH} (R = Methyl,p-Tolyl) and Pt(OH)Me2{(pz)4B}Â-H2O. <i>Organometallics</i> , 1997, 16, 2175-2182.	1.1	46
42	Theoretical Investigation into the Mechanism of Reductive Elimination from Bimetallic Palladium Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 6449-6457.	1.9	46
43	Coordination chemistry of methylmercury(II). Complexes of aromatic nitrogen donor tripod ligands involving new coordination geometries for methylmercury(II). <i>Inorganic Chemistry</i> , 1981, 20, 4293-4300.	1.9	45
44	Co-ordination chemistry of dimethylgold(III). Synthesis, spectroscopic, and structural studies of complexes with neutral aromatic nitrogen-donor ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1982, , 1795.	1.1	45
45	Coupling of acetylenes held proximate to a metal: alkyne-alkyne interactions in cis-phosphinoacetylene complexes, including structural characterization of the unsymmetrical diphosphine 1-phenyl-2,3-bis(diphenylphosphino)naphthalene and three platinum(II) complexes of Ph2PC.tplbond.CPh. <i>Inorganic Chemistry</i> , 1993, 32, 5544-5552.	1.9	45
46	Volume Profile Analysis of Oxidative Addition to Palladium(II) and Reductive Elimination from Palladium(IV). <i>Organometallics</i> , 1994, 13, 2412-2414.	1.1	44
47	Binuclear Intermediates in Oxidation Reactions: [(Me3SiCâ%îC)Me2(bipy)Ptâ~PtMe2(bipy)]+ in the Oxidation of PtII Me2(bipy) (bipy = 2,2-â€²-Bipyridine) by IPh(Câ%îCSiMe3)(OTf) (OTf = Triflate). <i>Journal of the American Chemical Society</i> , 2009, 131, 7236-7237.	6.6	43
48	Arylation of palladium(II) and platinum(II) by diphenyliodonium triflate to form metal(IV) species, and a structural analysis of an isomer of PtI Me2Ph(bpy) (bpy=2,2-â€™-bipyridine). <i>Inorganic Chemistry Communication</i> , 2000, 3, 575-578.	1.8	42
49	Supported palladium catalysis using a heteroleptic 2-methylthiomethylpyridine-â€“N,Sâ€“ donor motif for Mizoroki-â€“Heck and Suzuki-â€“Miyaura coupling, including continuous organic monolith in capillary microscale flow-through mode. <i>Tetrahedron</i> , 2009, 65, 7474-7481.	1.0	42
50	Interaction of palladium(II) with polydentate ligands, including the synthesis and structure of bis[tris(pyrazol-1-yl)borato-N,Nâ€²]palladium(II) and the cations [Pd(L)2]2+[L = tris(pyrazol-1-yl)methane-N,Nâ€² or tris(pyridin-2-yl)methane-N,Nâ€²]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1986, , 645-650.	1.1	41
51	Structural, spectroscopic and angular-overlap studies of the nature of metal-ligand bonding for tripod ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 1981.	1.1	41
52	Heavy-metal-nucleoside interactions. 13. Synthesis and spectroscopic study of organomercury derivatives of guanosine and thymidine. <i>Inorganic Chemistry</i> , 1979, 18, 413-417.	1.9	40
53	Synthesis and structural studies of tripodal and planar [N-C-N]â€™ intramolecular coordination systems involving pyrazole donor groups, including oxidative addition of an aryl-bromine bond to platinum(II). Crystal structures of [PtClMe2{(pz)2CR(CH2)-N,Nâ€²,Câ€²}] with R = Me or CH2Cl. <i>Journal of Organometallic Chemistry</i> , 1990, 389, 277-288.	0.8	39
54	Î€-Bonded alkene and arene complexes of silver(I): an electrospray mass spectrometric study. <i>Inorganica Chimica Acta</i> , 1994, 220, 99-105.	1.2	39

#	ARTICLE	IF	CITATIONS
55	Synthesis of the first organopalladium(IV) cations, including the first X-ray study of isostructural organopalladium(IV) and platinum(IV) complexes, [fac-MMe ₃ {tris(pyrazol-1-yl)methane-N,N,N,N}]. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 1093-1095.	2.0	37

56 Oxidation reactions using water, hydrogen peroxide and halogens to give pallad(IV) cyclopentane

#	ARTICLE	IF	CITATIONS
73	Coordination complexes and organometallic complexes of palladium and platinum with polydentate ligands containing pyrazole groups and related ligands: an electrospray mass spectrometric study. <i>Inorganica Chimica Acta</i> , 1993, 210, 91-97.	1.2	33
74	Selectivity in reductive elimination and organohalide transfer from methyl(aryl) benzylpalladium(IV) complexes of bidentate nitrogen donor ligands, PdBrMe(Ar)(CH ₂ Ph)(L ₂). <i>Journal of Organometallic Chemistry</i> , 1997, 532, 235-242.	0.8	33
75	Synthetic and X-ray structural studies of complexes formed by metallation of tri(1-pyrazolyl)methane by dimethylplatinum(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1983, , 1253.	1.1	32
76	Convenient synthetic routes to MePdII, Me ₂ PdII, and Me ₃ PdIV complexes. The crystal structure of the MePdII complex [MePd(2,2'-bipyridyl)(¹³ C-picoline)]BF ₄ . <i>Journal of Organometallic Chemistry</i> , 1987, 336, C55-C60.	0.8	32
77	Organopalladium(IV) chemistry: oxidative addition of organohalides to dimethylpalladium(II) complexes to form ethyl, <i>l</i> -benzyl, and <i>l</i> -allylpalladium(IV) complexes. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 639-641.	2.0	32
78	Oxidation of organoplatinum(II) and -palladium(II) complexes by water. The X-ray structure of the trimethylpalladium(IV) complex fac-[PdMe ₃ {tris(pyrazol-1-yl)borate}] formed on oxidation of a dimethylpalladium(II) reagent. <i>Journal of Organometallic Chemistry</i> , 1994, 471, C8-C10.	0.8	32
79	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
80	Mercury(II) selenolates. Crystal structures of polymeric Hg(SeMe) ₂ and the tetrameric pyridinates [{HgCl(py)(SeEt)} ₄] and [{HgCl(py)0.5(SeBut)} ₄]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1982, , 607.	1.1	31
81	Electrospray mass spectrometry of inert and labile metal alkyl compounds: a study of methyl and dimethyl derivatives of gold(III), indium(III) and thallium(III). <i>Journal of Organometallic Chemistry</i> , 1993, 455, 283-289.	0.8	31
82	Reversible oxidative addition of a diaryl diselenide to a diorganopalladium(II) complex, carbon-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
83	Theoretical Investigation into the Mechanism of 3'-dGMP Oxidation by [Pt ^{IV} Cl ₄](dach). <i>Inorganic Chemistry</i> , 2013, 52, 707-717.	1.9	31
84	Periphery-Palladated Carbosilane Dendrimers: A Synthesis and Reactivity of Organopalladium(II) and -(IV) Dendritic Complexes. Crystal Structure of [PdMe(C ₆ H ₄ (OCH ₂ Ph)-4)(bpy)] (bpy = 2,2'-Bipyridine). <i>Organometallics</i> , 1999, 18, 2970-2980.	1.1	30
85	Aryl-CF ₃ Coupling from Phosphinoferrrocene-Ligated Palladium(II) Complexes. <i>Organometallics</i> , 2019, 38, 519-526.	1.1	29
86	Positive and negative ion electrospray mass spectrometric studies of some amino acids and glutathione, and their interactions with alkali metal ions and methylmercury(II). <i>Inorganica Chimica Acta</i> , 1994, 223, 103-107.	1.2	28
87	Reduction of Water to H ₂ by Diorganopalladium(II) Complexes of Tris(pyrazol-1-yl)borate: A Ab-Initio Theoretical Study of the Mechanism. <i>Organometallics</i> , 1997, 16, 5331-5341.	1.1	28
88	Entry to alkynylplatinum(IV) chemistry using hypervalent iodine(III) reagents, and the synthesis of triphenyl{4,4'-bis(tert-butyl)-2,2'-bipyridine}iodoplatinum(IV). <i>Inorganic Chemistry Communication</i> , 2003, 6, 1382-1384.	1.8	28
89	Synthesis of potential platinum(II) anti-tumor complexes: Complexes containing bidentate pyridyl and imidazolyl donors. <i>Inorganica Chimica Acta</i> , 1981, 55, L57-L59.	1.2	27
90	Trimethylpalladium(IV) chemistry. Conformational and fluxional effects in related palladium(IV) and platinum(IV) complexes of flexible bidentate nitrogen donor ligands. <i>Journal of Organometallic Chemistry</i> , 1990, 385, 429-438.	0.8	27

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------

91	Palladium Carbon σ -Bonded Complexes. , 1995, , 225-290.		27
----	---	--	----

92

#	ARTICLE	IF	CITATIONS
109	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'-bipyridyl)palladium(II). <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 2010, 110, 477-479.	0.0	22
110	Co-ordination chemistry of dimethylgold(III). Synthesis, structural studies, and fluxional behaviour of complexes with polydentate ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1985, , 1183.	1.1	21
111	An electrospray mass spectrometric study of methylmercury(II) nitrogen base derivatives and their ligand exchange reactions. <i>Inorganica Chimica Acta</i> , 1994, 215, 179-184.	1.2	21
112	Synthesis and reactivity of poly(pyrazol-1-yl)borate derivatives of cyclopalladation systems, including structural studies of Pd{2-CH ₂ C ₆ H ₄ P(o-tolyl) ₂ -C,P}{(pz) ₃ BH-N,N} and Pd(C ₆ H ₄ C ₅ H ₄ N-C ₂ ,N){(pz) ₃ BH-N,N}. <i>Journal of Organometallic Chemistry</i> , 1998, 552, 23-29.	0.8	21
113	Organopalladium(IV) complexes containing phosphine ligands, and the structure of the platinum(IV) complex [PtMe ₃ (bpy)(PPh ₃)] [O ₃ SCF ₃] (bpy=2,2'-bipyridine). <i>Journal of Organometallic Chemistry</i> , 2000, 595, 296-299.	0.8	21
114	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
115	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
116	Crystal and molecular structure of (2,2'-bipyridyl)methylmercury(II) nitrate, a complex with irregular three-co-ordination. <i>Journal of the Chemical Society Dalton Transactions</i> , 1976, , 2018-2020.	1.1	20
117	Synthesis and structure of methylmercury(II) complexes of 9-methylguanine, including the X-ray structural analysis of (9-methylguanine)-methylmercury(II) nitrate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1980, , 1693.	1.1	20
118	An electrospray mass spectrometric study of organomercury(II) and mercuric interactions with peptides involving cysteinyl ligands. <i>European Journal of Mass Spectrometry</i> , 1996, 2, 273.	0.7	20
119	Dimethylpalladium(II) and Monomethylpalladium(II) Reagents and Complexes. <i>Inorganic Syntheses</i> , 2007, , 162-172.	0.3	20
120	Synthesis, spectroscopic, and structural studies of dimethylthallium(III) complexes containing heterocyclic nitrogen-donor ligands, including TIC ₂ N ₃ O ₂ and TIC ₂ O ₆ geometries. <i>Journal of the Chemical Society Dalton Transactions</i> , 1986, , 939-945.	1.1	19
121	Synthetic and structural studies of methyl- and phenylpalladium(II) complexes of poly(pyrazol-1-yl) borates, and the 1-3-allylpalladium(II) complex Pd(1-3-C ₃ H ₅){(pz) ₃ BH-N,N}. <i>Journal of Organometallic Chemistry</i> , 1995, 489, 153-159.	0.8	19
122	Synthetic and computational studies of the palladium(IV) system Pd(alkyl)(aryl)(alkynyl)(bidentate)(triflate) exhibiting selectivity in C-C reductive elimination. <i>Dalton Transactions</i> , 2012, 41, 11820.	1.6	19
123	Structural studies of unusually disordered diorganoplatinum(IV) complexes containing the cations [PtR ₂ (L-N,N,N ⁺)] ⁺ , where the. <i>Journal of Organometallic Chemistry</i> , 1992, 424, 381-390.	0.8	18
124	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 (1/4-SEt ₂) ₂] and PtCl(p-Tol)(bpy) (bpy=2,2'-bipyridine). <i>Inorganica Chimica Acta</i> , 2002, 327, 15-19.	1.2	18
125	Synthesis and structure of alkynylplatinum(IV) complexes containing the pincer group [2,6-(dimethylaminomethyl)phenyl-N,C,N]. <i>Inorganic Chemistry Communication</i> , 2005, 8, 55-57.	1.8	18
126	Ligand-induced decarbonylation in diphosphine-ligated palladium acetates [CH ₃ CO] ₂ Pd(PR ₂ CH ₂) ₂ (R) TjEQ00008T/Overlo		

#	ARTICLE	IF	CITATIONS
127	A ¹⁹⁹ Hg NMR spectroscopic study of two and three-coordinate methylmercury(II) complexes, [MeHgL]NO ₃ . Journal of Organometallic Chemistry, 1978, 144, 371-379.	0.8	17
128	Studies of oxidative addition-reductive elimination reactions, and the crystal structure of the palladium(IV) complex Me ₂ (p-BrC ₆ H ₄ CH ₂)Pd(phen)Br. Journal of Organometallic Chemistry, 1989, 367, C25-C28.	0.8	17
129	Synthesis of halogeno, pseudohalogeno, and carboxylatopalladium(IV) complexes by halogen exchange. Crystal structure of azido(2,2'-bipyridyl)-benzylpalladium(II), formed on reductive elimination of ethane from Pd(N ₃)Me ₂ (CH ₂ Ph)(bpy). Journal of Organometallic Chemistry, 1992, 433, 213-222.	0.8	17
130	Tris [N-(3-tert-Butyl) Pyrazolyl] methane. Inorganic Syntheses, 2007, , 63-65.	0.3	17
131	Reduction of a platinum(IV) prodrug model by sulfur containing biological reductants: computational mechanistic elucidation. Chemical Communications, 2018, 54, 10491-10494.	2.2	17
132	Palladium-Mediated CO ₂ Extrusion Followed by Insertion of Isocyanates for the Synthesis of Benzamides: Translating Fundamental Mechanistic Studies To Develop a Catalytic Protocol. Organometallics, 2020, 39, 453-467.	1.1	17
133	Methylmercury(II) selenolates. synthesis and characterization of MeHgSeMe and MeHgSePh, and ¹ H and ¹⁹⁹ Hg nmr studies of ligand exchange in MeHg(II) thiolates and selenolates, including amino acid complexes. Journal of Inorganic Biochemistry, 1983, 19, 133-142.	1.5	16
134	Methylpalladium(II) complexes of pyrazole and thioether donor ligands. Inorganica Chimica Acta, 1985, 104, L13-L14.	1.2	16
135	Microfluidic Devices for Flow-Through Supported Palladium Catalysis on Porous Organic Monolith. Australian Journal of Chemistry, 2008, 61, 630.	0.5	16
136	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
137	Synthesis of Amidines by Palladium-Mediated CO ₂ Extrusion Followed by Insertion of Carbodiimides: Translating Mechanistic Studies to Develop a One-Pot Method. Organometallics, 2019, 38, 424-435.	1.1	16
138	Three-coordinate mercury in (2,2'-bipyridyl)methylmercury(II) nitrate and related complexes. Journal of Organometallic Chemistry, 1975, 88, C31-C34.	0.8	15
139	Chelation therapy for methylmercury(II) poisoning. Synthesis and determination of solubility properties of MeHg(II) complexes of thiol and dithiol anti. Journal of Inorganic Biochemistry, 1983, 19, 319-327.	1.5	15
140	Synthesis and decomposition of neutral palladium(IV) complexes containing fac-PdMe ₂ R groups, including reductive elimination by η^1 -1-propenylpalladium(IV) complexes to form η^3 -propenylpalladium(II) species. Journal of Organometallic Chemistry, 1990, 390, 399-407.	0.8	15
141	Conformational studies in palladium (IV) and platinum (IV) chemistry. Crystal structure of the 1,1-bis(pyrazol-1-yl)-ethane complex fac-Pt(Ime ₃ (pz) ₂ CHMe-N, N ∞^2 . Journal of Organometallic Chemistry, 1992, 433, 223-229.	0.8	15
142	Structural studies of complexes containing cycloplatinated tris(pyrazol-1-yl)methane. Journal of Organometallic Chemistry, 1992, 430, 245-257.	0.8	15
143	Hydrogen-bonding η^1 -Pd(OH) η^2 (HOAr) η^3 and η^1 -[Pd(OH ₂)+ η^2 OAr] η^3 , and protonation of a hydroxo-ligand by pentafluorophenol in organopalladium(IV) chemistry. Structural studies of the pallada(IV) cyclopentane adducts [Pd(OH)(C ₄ H ₈){(pz) ₃ BH}.2(3-MeC ₆ H ₄ OH)] and [Pd(OH ₂)(C ₄ H ₈){(pz) ₃ BH}.(C ₆ F ₅ O)] ₂ [(pz) ₃ BH = tris(pyrazol-1-yl)borate]. Journal of Organometallic Chemistry, 1995, 503, C16-C18.	0.8	15
144	Main Group Compounds. Inorganic Syntheses, 2004, , 1-48.	0.3	15

#	ARTICLE	IF	CITATIONS
145	Intramolecular coordination involving tripodal N_2 ligands, including structural analysis of complexes formed by oxidative addition of chlorobis-(1-pyrazolyl)propanes to Dimethylplatinum(II). <i>Inorganica Chimica Acta</i> , 1986, 114, L39-L42.	1.2	14
146	Synthesis and structural studies of dimethylindium(III) complexes with polydentate nitrogen donor ligands, and of monomethylindium(III) complexes containing alkoxide-bridged binuclear cations. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 35.	1.1	14
147	Oxidation of organometallic complexes by water: Synthesis of diorgano(hydroxo)platinum(IV) complexes and the structure of a diorgano(aqua)platinum(IV) complex of tris(pyridin-2-yl)methanol,	0.8	14
148	Alkene analogues of bis(N-donor)ketone ligands: ruthenium(II) complexes containing 1-(pyridin-2-yl)-1-(N-methylimidazol-2-yl)ethene and 1,1-bis(N-methylimidazol-2-yl)ethene ((mim) $2\text{C}\ddot{\text{C}}\text{H}_2$), and structural studies of $[\text{Ru}(\text{bpy})_2\{(\text{mim})_2\text{C}\ddot{\text{C}}\text{H}_2\}][\text{PF}_6]_2$ (bpy=2,2'-bipyridine) and the pyridine-2-carboxylate (pyCO_2^-) complex $[\text{Ru}(\text{bpy})_2(\text{pyCO}_2^-)][\text{PF}_6]$. <i>Inorganica Chimica Acta</i> , 1997, 255, 117-123.	1.2	14
149	Coordination geometries for palladium and platinum: theoretical studies and the synthesis and structure of tris(indazol-1-yl)borate complexes $\text{MMe}_3\{(\text{ind})_3\text{BH}\}$. <i>Inorganica Chimica Acta</i> , 1999, 287, 117-123.	1.2	14
150	Cluster transformation of $[\text{Cu}_3(\mu_3\text{-H})(\mu_3\text{-BH})_4(\text{PPh})_2(\text{NH})_3](\text{BF}_4)_2$ to $[\text{Cu}_3(\mu_3\text{-H})(\mu_2\text{-S})_2(\mu_2\text{-CH})_2(\text{PPh})_2(\text{NH})_2]$ 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> , 2002, 338, 94-98.	1.9	13
151	Coordination chemistry of methylmercury(II) with flexible tripod ligands containing pyridyl and N-methylimidazolyl groups, including the crystal structure of [bis(N-methylimidazol-2-yl)(pyridin-2-yl)methanol-N,N',N'']methylmercury(II) nitrate, $[\text{MeHg}(\text{py}(\text{N-Melm})_2\text{COH})\text{NO}_3]$. <i>Inorganic Chemistry</i> , 1984, 23, 3827-3830.	1.9	13
152	Pallada(IV)cyclopentane chemistry, including the synthesis of tris(pyrazol-1-yl)borate complexes. <i>Journal of Organometallic Chemistry</i> , 1992, 435, C8-C9.	0.8	13
153	Carbon-oxygen bond formation at organopalladium centres. <i>Inorganic Chemistry Communication</i> , 2001, 4, 648-650.	1.8	13
154	Palladium Complexes Containing Pd(I), Pd(III), or Pd(IV). , 0, , 189-211.		13
155	High co-ordination numbers for methylmercury(II); X-ray and ^1H n.m.r. studies of $[\text{MeHgL}]\text{NO}_3$ (L = Tj ETQq1 1 0.784314 rgBT /Overlock Communications, 1980, , 316-318.	2.0	12
156	Electrochemistry of dimeric organopalladium(II) complexes containing bridging [pyridin-2-yl(phenyl)methyl-C,N] $\ddot{\text{N}}$ and [bis(pyridin-2-yl)phenylmethyl-C,N,N $\ddot{\text{N}}$] $\ddot{\text{N}}$ groups. <i>Inorganica Chimica Acta</i> , 1996, 251, 185-192.	1.2	12
157	Neopentyl- and trimethylsilylmethylpalladium chemistry: synthesis of reagents for organopalladium chemistry and the crystal structure of the neopentyl(phenyl)palladium(IV) complex $[\text{Pd}(\text{mq})(\text{CH}_2\text{CMe}_3)\text{Ph}(\text{bpy})]\text{Br}$ (mq=8-methylquinolinyl, bpy=2,2'-bipyridine). <i>Inorganica Chimica Acta</i> , 2002, 338, 94-98.	1.2	12
158	Organopalladium(IV) and platinum(IV) complexes containing the bis(pyrazol-1-yl)borate ligand. Structures of $\text{PtMe}_3\{(\text{pz})_2\text{BH}_2\}(\text{py})$ (py=pyridine) and $\text{Pt}(\text{mq})\text{Me}_2\{(\text{pz})_2\text{BH}_2\}$ (mq=8-methylquinolinyl) and detection of a neutral organopalladium(IV) phosphine complex. <i>Inorganica Chimica Acta</i> , 2002, 327, 20-25.	1.2	11
159	Oxidatively Induced Aryl-C C Coupling at Diphosphine Nickel Complexes. <i>Organometallics</i> , 2020, 39, 3-7.	1.1	11
160	Synthesis of pyridine ligands via transient organomercurials. <i>Inorganica Chimica Acta</i> , 1985, 100, L13-L14.	1.2	10
161	Dimethylmetal(III) pyrazolides. <i>Journal of Organometallic Chemistry</i> , 1985, 295, 401-405.	0.8	10
162	Organopalladium(IV) chemistry: binuclear $\text{PdIV}-\text{PdIV}$ and $\text{PdIV}-\text{PtIV}$ hydrocarbyl complexes. <i>Inorganica Chimica Acta</i> , 1988, 154, 5-7.	1.2	10

#	ARTICLE	IF	CITATIONS
163	Platinum–Tin Bonded Complexes, Including a Structural Analysis of the Octahedral Tris(pyrazol-1-yl)borate Complex Pt(SnMe ₃)Me ₂ {(pz) ₃ BH-N,N',N''}. Australian Journal of Chemistry, 1999, 52, 417.	0.5	10
164	Synthesis and solid-state structural characterisation of Pt(II,IV) bromide complexes containing bidentate organothiomethylpyridine heteroleptic ligands. Polyhedron, 2007, 26, 708-718.	1.0	10
165	Î-1-Alkynyl Chemistry for the Higher Oxidation States of Palladium and Platinum. Topics in Organometallic Chemistry, 2011, , 111-127.	0.7	10
166	Synthesis, structure, and condensed-phase reactivity of [Ag ³⁺ (¹ / ₄ ³ -H)(¹ / ₄ ³ -BH ₄)L ³ Ph ₃](BF ₄) ₁₀ (L ³ Ph ₃ = bis(diphenylphosphino)amine) with CS ₂ . Dalton Transactions, 2018, 47, 14713-14725.	1.6	10
167	Computational Study of Carbostannylation Implicating Bimetallic Catalysis Involving Au^{I} and Pd^{II} Species. ACS Catalysis, 2014, 4, 860-869.	5.5	9
168	Prying open a Reactive Site for Allylic Arylation by Phosphine-Ligated Geminally Diaurated Aryl Complexes. Organometallics, 2015, 34, 3255-3263.	1.1	9
169	Identification of the Side Products That Diminish the Yields of the Monoamidated Product in Metal-Catalyzed C-H Amidation of 2-Phenylpyridine with Arylisocyanates. Journal of Organic Chemistry, 2020, 85, 2680-2687.	1.7	9
170	Intramolecular co-ordination by a hydroxy-group to methylmercury(II). Synthesis and characterization of complexes [HgMe(L)]NO ₃ containing polydentate ligands (L), and the crystal structure of the tris(N-methylimidazol-2-yl)methanol complex. Journal of the Chemical Society Dalton Transactions, 1983, , 1873.	1.1	8
171	Synthesis and structural analysis of the methylindium(III) binuclear cation [(H ₂ O)Me _n Me(NO ₃)] ⁺ , where the alkoxide bridges are formed by bis(N-methylimidazol-2-yl)-(pyridin-2-yl)methanolato-groups. Inorganica Chimica Acta, 1986, 117, L35-L36.	1.2	8
172	Synthesis of organopalladium(IV) complexes by halogen exchange, and the structure of the azidopalladium(II) complex formed on reductive elimination of ethane from Pd(N) ₃ Me ₂ (CH ₂ Ph)(bpy). Journal of Organometallic Chemistry, 1991, 402, C33-C36.	0.8	8
173	A new mechanistic pathway under Sonogashira reaction protocol involving multiple acetylene insertions. Dalton Transactions, 2010, 39, 3799.	1.6	8
174	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. Journal of the American Chemical Society, 2015, 137, 13588-13593.	6.6	8
175	Microtubule-dependent processes precede pathological calcium influx in excitotoxin-induced axon degeneration. Journal of Neurochemistry, 2020, 152, 542-555.	2.1	8
176	Trimethylpalladium(IV) complexes of flexible bidentate ligands. Conformational and fluxional effects in related Me ₃ Pd ^{IV} and Me ₃ Pt ^{IV} systems. Journal of Organometallic Chemistry, 1989, 363, C22-C26.	0.8	7
177	Gas-Phase Synthesis and Reactivity of Ligated Group 10 Ions in the Formal +1 Oxidation State. Journal of the American Society for Mass Spectrometry, 2019, 30, 1867-1880.	1.2	7
178	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
179	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
180	Octanol/water partition coefficients as a model system for assessing antidotes for methylmercury(ii) poisoning, and for studying mercurials with medicinal applications. Journal of Inorganic Biochemistry, 1984, 22, 65-72.	1.5	6

#	ARTICLE	IF	CITATIONS
181	Deprotonated 2-benzylpyridine as a bridging ligand. Synthesis and structure of the binuclear palladium(II) complex $\text{trans}(\text{N},\text{N})\text{-}[\text{Pd}(\text{I}^{1/4}\text{-pyCHPh-N,CH})(\text{I}^3\text{-picoline})\text{Cl}]_2\cdot\text{CH}_2\text{Cl}_2$. <i>Inorganica Chimica Acta</i> , 1985, 102, L29-L30.	1.2	6
182	Synthesis of the tridentate pyridine donor 2,6-bis[1-phenyl-1-(pyridin-2-yl)ethyl]pyridine (L), including separation of meso and rac diastereoisomers via methylmercury(II) derivatives, and an X-ray structural study of $[\text{HgMe}(\text{meso-L})\text{NO}_3\cdot 2\text{H}_2\text{O}]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1986, , 2201-2204.	1.1	6
183	Structural chemistry of dihalogenopalladium(II) and platinum(II) complexes of heteroleptic N,S- and N,Se-donor ligands based on the 2-organochalcogenomethylpyridine motif. <i>Inorganica Chimica Acta</i> , 2011, 376, 290-295.	1.2	6
184	Carbon-carbon and carbon-chlorine bond formation on reaction of iodine(III) reagents with the bis(alkynyl)palladium(II) motif, and structural chemistry of $\text{trans-Pd}(\text{C C-o-Tol})_2(\text{PMe}_2\text{Ph})_2$ and $\text{trans-}[\text{PdCl}(\text{C C-o-Tol})(\text{PMe}_2\text{Ph})_2]$. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1441-1444.	0.8	6
185	Computational study of selectivity in the $[\text{Pt}^{\text{IV}}\text{Cl}_4]$ -catalysed arylation of arenes by diaryliodonium reagents: arene activation at Pt^{IV} centres. <i>Dalton Transactions</i> , 2017, 46, 15480-15486.	1.6	6
186	Substituent effects in the decarboxylation reactions of coordinated arylcarboxylates in dinuclear copper complexes, $[(\text{napy})\text{Cu}_2(\text{O})_2\text{CC}_6\text{H}_4\text{X}]^+$. <i>European Journal of Mass Spectrometry</i> , 2017, 23, 351-358.	0.5	6
187	Desulfination versus decarboxylation as a means of generating three- and five-coordinate organopalladium complexes $[(\text{phen})\text{nPd}(\text{C}_6\text{H}_5)]^+$ ($\text{n} = 1$ and 2) to study their fundamental bimolecular reactivity. <i>Journal of Organometallic Chemistry</i> , 2019, 882, 42-49.	0.8	6
188	Computational Analysis of Mesomerism in para -Substituted $\text{mer-CN}^{\text{CN}}$ 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
189	Gas-Phase Models for the Nickel- and Palladium-Catalyzed Deoxygenation of Fatty Acids. <i>ChemCatChem</i> , 2020, 12, 5476-5485.	1.8	6
190	Gas-Phase studies of copper(I)-mediated CO_2 extrusion followed by insertion of the heterocumulenes CS_2 or phenylisocyanate. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4579.	0.7	6
191	Enhanced Synthesis of oxo-Verdazyl Radicals Bearing Sterically- and Electronically-Diverse C3-Substituents. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 10120-10138.	1.5	6
192	Synthesis of 1,1-bis(pyrazol-1-ylmethyl)ethene and the structure of a trimethylplatinum(IV) derivative containing an eight-membered chelate ring. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2663.	1.1	5
193	An electrospray mass spectrometric and voltammetric study of horse heart cytochrome c in the presence of metal ions. <i>Inorganica Chimica Acta</i> , 1998, 267, 281-291.	1.2	5
194	Gas-Phase Reactions of the Group 10 Organometallic Cations, $[(\text{phen})\text{M}(\text{CH}_3)_3]^+$ with Acetone: Only Platinum Promotes a Catalytic Cycle via the Enolate $[(\text{phen})\text{Pt}(\text{OC}(\text{CH}_2)_2\text{CH}_3)]^+$. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019, 233, 845-864.	1.4	5
195	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
196	Suzuki-Miyaura $\text{Csp}^2\text{-Csp}^2$ Cross-Couplings Employing Nickel(II) Pincer Precatalysts: Mechanistic Investigations. <i>Organometallics</i> , 2021, 40, 2305-2310.	1.1	5
197	Dissecting Transmetalation Reactions at the Molecular Level: Role of the Coordinated Anion in Gas-Phase Models for the Transmetalation Step of the Miyama Cross-Coupling Reaction. <i>Organometallics</i> , 2021, 40, 1822-1829.	1.1	5
198	Vibrational spectra and structure of thiolatomercury(II) complexes. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1981, 37, 283-284.	0.1	4

#	ARTICLE	IF	CITATIONS
199	Dissecting transmetalation reactions at the molecular level: C ⁺ B ⁻ versus C ⁻ B ⁺ bond activation in phenyltrifluoroborate silver complexes. Dalton Transactions, 2021, 50, 1496-1506.	1.6	4
200	Cracking and Dehydrogenation of Cyclohexane by [(phen)M(X)] ⁺ (M = Ni, Pd, Pt; X = H,) Tj ETQqO 0 0,rgBT /Overlock 10 Tf	1.1	4
201	Two-Stage Catalysis in the Pd-Catalyzed Formation of 2,2,2-Trifluoroethyl-Substituted Acrylamides: Oxidative Alkylation of PdII by an III Reagent and Roles for Acetate, Triflate, and Triflic Acid. Organometallics, 0, , .	1.1	4
202	Palladium-Mediated CO ₂ Extrusion Followed by Insertion of Allenes: Translating Mechanistic Studies to Develop a One-Pot Method for the Synthesis of Alkenes. Organometallics, 0, , .	1.1	4
203	Computational Study of Intramolecular Coordination Enhanced Oxidative Addition to form PdIV-Pincer Complexes, and Selectivity in Aryloxyde Attack at PdIVCH ₂ CRR ² Motifs in Palladium-Mediated Organic Synthesis. Organometallics, 2021, 40, 1262-1269.	1.1	3
204	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
205	Bis[tris(pyridin-2-yl)methanol- ² N,N ²]palladium(II) dinitrate at 150 and 298 K. Acta Crystallographica Section C: Crystal Structure Communications, 2004, 60, m305-m307.	0.4	2
206	Organo(organooxo)mercury(II) chemistry – Synthesis and structure of methyl(phenoxo)mercury(II). Canadian Journal of Chemistry, 2006, 84, 77-80.	0.6	2
207	Theoretical Study of the Mechanism of CO and Acetylene Migratory Insertions into Pt ^ε Cp* Bonds. Organometallics, 2014, 33, 2384-2387.	1.1	2
208	Aspects of Mercury(II) Thiolate Chemistry and the Biological Behavior of Mercury Compounds. ACS Symposium Series, 1979, , 327-338.	0.5	1
209	1-Bromo-2,6-bis[(pyrazol-1-yl)methyl]benzene. Acta Crystallographica Section C: Crystal Structure Communications, 2004, 60, o98-o99.	0.4	1
210	Chloro(phenyl)(1H-pyrazole- ¹ N ²)(triphenylphosphine- ¹ P)palladium(II). Acta Crystallographica Section C: Crystal Structure Communications, 2004, 60, m405-m406.	0.4	1
211	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,N ²)]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 876-878.	0.6	1
212	DFT studies of isomerization in palladium(IV) chemistry and alkyl halide transfer from palladium(IV) to palladium(II). Journal of Organometallic Chemistry, 2018, 872, 110-113.	0.8	1
213	Formation and reactions of the 1, 8-naphthyridine (napy) ligated geminally dimetallated phenyl complexes [(napy) ₂ Cu ₂ (Ph)] ⁺ , [(napy) ₂ Ag ₂ (Ph)] ⁺ and [(napy) ₂ CuAg(Ph)] ⁺ . European Journal of Mass Spectrometry, 2019, 25, 30-43.	0.5	1
214	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. Dalton Transactions, 2020, 49, 13566-13572.	1.6	1
215	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
216	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

#	ARTICLE	IF	CITATIONS
217	Electron Delocalization in Spectroelectrochemically and Computationally Characterized $[\text{Pt}(\text{p}(\text{BrC}_6\text{F}_4)\text{NCH}_2\text{C}(\text{Cl})\text{NEt}_2)\text{Cl}(\text{py})]^{+}$ Formed by Electrochemical Oxidation of $[\text{Pt}(\text{p}(\text{BrC}_6\text{F}_4)\text{NCH}_2\text{C}(\text{Cl})\text{NEt}_2)\text{Cl}(\text{py})]$. <i>Inorganic Chemistry</i> , 2021, 60, 18899-18911.	1.9	1
218	Ion-pairs as a gateway to transmetalation: aryl transfer from boron to nickel and magnesium. <i>Dalton Transactions</i> , 2022, 51, 5699-5705.	1.6	1
219	Electrospray Ionization Tandem Mass Spectrometry and DFT Survey of Copper(I) Ate Complexes Containing Coordinated Borohydride Anions. <i>Journal of the American Society for Mass Spectrometry</i> , 0, , .	1.2	1
220	Routes for the gas-phase total synthesis of dihydroxy magnesium carboxylate anions, $[(\text{RCO}_2)\text{Mg}(\text{OH})_2]^{-}$ ($\text{R} = \text{CH}_3$ and CH_2CH_3). <i>International Journal of Mass Spectrometry</i> , 2019, 436, 91-100.	0.7	0
221	Synthesis of Arylpalladium(II) Boronates: Confirming the Structure and Chemical Competence of Pretransmetalation Intermediates in the Suzuki-Miyaura Reaction. <i>Angewandte Chemie</i> , 2021, 133, 15023-15027.	1.6	0
222	Computational study of bridge-splitting, aryl halide oxidative addition to Pt(II), and reductive elimination from Pt(IV): a route to pincer Pt(II) reagents with chemical and biological applications. <i>Chemistry - A European Journal</i> , 2021, 27, 15426-15433.	1.7	0