Jennifer C Green

List of Publications by Year in Descending Order

295 papers	9,951 citations	49 h-index	81 g-index
309 ext. papers	10,530 ext. citations	6.2 avg, IF	5.81 L-index

#	Paper	IF	Citations
295	Study of the Electronic Structure of M2(CH2CMe3)6 (M = Mo, W) by Photoelectron Spectroscopy and Density Functional Theory. *Organometallics*, **2022**, 41, 29-40	3.8	1
294	Redox Chemistry of Nickelocene-Based Monomers and Polymers. *Organometallics*, **2021**, 40, 1945-1955	3.8	2
293	Periodic Trends Revealed by Photoelectron Studies of Transition Metal and Lanthanide Compounds. *Structure and Bonding*, **2019**, 81	0.9	1
292	Synthesis, characterisation and redox properties of anti-bimetallic permethylpentalene complexes. *Dalton Transactions*, **2019**, 48, 4263-4273	4.3	0
291	Reversible coordination of N and H to a homoleptic = 1/2 Fe(i) diphosphine complex in solution and the solid state. *Chemical Science*, **2018**, 9, 7362-7369	9.4	7
290	Trimerisation of carbon suboxide at a di-titanium centre to form a pyrone ring system. *Chemical Science*, **2018**, 9, 5008-5014	9.4	8
289	Fe-Catalyzed Conversion of N to N(SiMe) via an Fe-Hydrazido Resting State. *Journal of the American Chemical Society*, **2018**, 140, 10691-10694	16.4	34
288	Bis(pentalene)dititanium chemistry: C-H, C-X and H-H bond activation. *Dalton Transactions*, **2018**, 47, 14531-14539	4.3	3
287	Cationic silyldiazenido complexes of the Fe(diphosphine)(N) platform: structural and electronic models for an elusive first intermediate in N fixation. *Chemical Communications*, **2017**, 53, 7657-7660	5.8	22
286	Main-chain metallopolymers at the static□dynamic boundary based on nickelocene. *Nature Chemistry*, **2017**, 9, 743-750	17.6	45
285	Reactivity of a Dititanium Bis(pentalene) Complex toward Heteroallenes and Main-Group Element□Element Bonds. *Organometallics*, **2017**, 36, 352-362	3.8	11
284	Bonding in pentalene complexes and their recent applications. *Coordination Chemistry Reviews*, **2017**, 344, 238-262	23.2	29
283	C-H and H-H activation at a di-titanium centre. *Chemical Communications*, **2017**, 53, 13117-13120	5.8	7
282	Complexes of iron(II) with silylated pentalene ligands; building blocks for homo- and heterobimetallics. *Polyhedron*, **2016**, 116, 26-37	2.7	2
281	The Reductive Activation of CO Across a Ti=Ti Double Bond: Synthetic, Structural, and Mechanistic Studies. *Organometallics*, **2015**, 34, 4816-4829	3.8	31
280	Bonding in Complexes of Bis(pentalene)dititanium, Ti(CH). *Organometallics*, **2015**, 34, 4830-4843	3.8	17
279	Comparing spectroscopic and electrochemical properties of complexes of type CpM(□3-C3H5)(CO)2 (Cp□=□Cp, Ind, Flu): A□complementary experimental and DFT study. *Journal of Organometallic Chemistry*, **2015**, 792, 154-166	2.3	6

278	Group 9 bimetallic carbonyl permethylpentalene complexes. *Dalton Transactions*, **2015**, 44, 20147-53	4.3	3
277	Synthesis, Structure, and Bonding for Bis(permethylpentalene)diiron. *Inorganic Chemistry*, **2015**, 54, 11935-40	5.1	7
276	Polarization dependent high energy resolution X-ray absorption study of dicesium uranyl tetrachloride. *Inorganic Chemistry*, **2015**, 54, 174-82	5.1	32
275	The influence of relativistic effects on electronic energy levels in metal tetraiodides MI4 (M=Ti, Zr, Hf, Th). *Polyhedron*, **2015**, 93, 1-7	2.7	
274	Isomerization of an Enantiomerically Pure Phosphorus-Bridged [1]Ferrocenophane. *Organometallics*, **2014**, 33, 3508-3513	3.8	13
273	Indium-bridged [1]ferrocenophanes. *Chemistry - A European Journal*, **2014**, 20, 2318-27	4.8	18
272	Variable photon energy photoelectron spectroscopy of tris-cyclopentadienyl lanthanides. *Dalton Transactions*, **2014**, 43, 5134-41	4.3	8
271	Bis(pentalene)di-titanium: a bent double-sandwich complex with a very short Ti-Ti bond. *Chemical Communications*, **2013**, 49, 9434-6	5.8	26
270	140 H/D isotopomers identified by long-range NMR hyperfine shifts in ruthenium(III) ammine complexes. Hyperconjugation in Ru-NH3 bonding. *Inorganic Chemistry*, **2013**, 52, 7280-94	5.1	2
269	Exploring Pathways for Activation of Carbon Monoxide by Palladium Iminophosphines. *ChemPlusChem*, **2013**, 78, 1413-1420	2.8	
268	Matrix photochemistry of ethyltrioxorhenium(VII), C2H5ReO3: Tautomerisation via hydrogen migration with the sequential formation of two different ethene derivatives. *Journal of Molecular Structure*, **2012**, 1025, 84-91	3.4	2
267	Computational insight into the reductive oligomerisation of CO at uranium(III) mixed-sandwich complexes. *Chemical Communications*, **2012**, 48, 4118-20	5.8	31
266	Understanding the reactivity of strained sandwich compounds with aluminum or gallium in bridging positions: experiments and DFT calculations. *Journal of the American Chemical Society*, **2012**, 134, 7924-36	16.4	40
265	Mechanistic Studies of the Insertion of CO2 into Palladium(I) Bridging Allyl Dimers. *Organometallics*, **2012**, 31, 470-485	3.8	58
264	Photoelectron Spectroscopy of Palladium(I) Dimers with Bridging Allyl Ligands. *Organometallics*, **2012**, 31, 8571-8576	3.8	4
263	The occurrence and representation of three-centre two-electron bonds in covalent inorganic compounds. *Chemical Communications*, **2012**, 48, 11481-503	5.8	214
262	Double-Sandwich Pentalene Complexes M2(pent)2 (M = Rh, Pd; pent = 1,4-Bis(triisopropylsilyl)pentalene): Synthesis, Structure, and Bonding. *Organometallics*, **2012**, 31, 8613-8617	3.8	18
261	Experimental charge density study into C-C interactions in a Binor-S rhodium complex. *Dalton Transactions*, **2011**, 40, 10708-18	4.3	15

260	Activation of P4 by U(η5-C5Me5)(η8-C8H6(SiiPr3)2-1,4)(THF); the X-ray structure of [U(η5-C5Me5)(η8-C8H6(SiiPr3)2-1,4)]2(μ2:η2-P4). *New Journal of Chemistry*, **2011**, 35, 2022	3.6	43
259	Reductive coupling of carbon monoxide by U(III) complexes--a computational study. *Dalton Transactions*, **2011**, 40, 11080-8	4.3	19
258	C-C activation in the solid state in an organometallic η2-complex. *Journal of the American Chemical Society*, **2011**, 133, 13162-8	16.4	37
257	Covalency in the 4f shell of tris-cyclopentadienyl ytterbium (YbCp3)--a spectroscopic evaluation. *Journal of the American Chemical Society*, **2011**, 133, 20644-60	16.4	48
256	Ring folding in cyclopentadienyl diazabutadiene complexes of group 4 and 5 transition metals. *Inorganica Chimica Acta*, **2011**, 369, 120-125	2.7	8
255	Synthesis, electronic structure, and reactivity of strained nickel-, palladium-, and platinum-bridged [1]ferrocenophanes. *Journal of the American Chemical Society*, **2010**, 132, 13279-89	16.4	29
254	The Reaction of Carbon Dioxide with Palladium Allyl Bonds. *Organometallics*, **2010**, 29, 6369-6376	3.8	59
253	Synthesis, Structure, and Ligand Exchange Reactions of Tetramethyleneethane Complexes of Cobalt. *Organometallics*, **2010**, 29, 5847-5858	3.8	7
252	Electronic structures of Pd(II) dimers. *Inorganic Chemistry*, **2010**, 49, 1801-10	5.1	146
251	Variable Photon Energy Photoelectron Spectroscopy and Magnetism of YbCp3 and LuCp3. *Organometallics*, **2010**, 29, 4752-4755	3.8	13
250	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, 1726-33	4.3	7
249	Evaluation of exchange-correlation functionals for time-dependent density functional theory calculations on metal complexes. *Journal of Computational Chemistry*, **2010**, 31, 1008-14	3.5	24
248	Synthesis and structural investigations of Ni(II)- and Pd(II)-coordinated α-diimines with chlorinated backbones. *Inorganica Chimica Acta*, **2010**, 363, 1157-1172	2.7	11
247	Tris(pyrazolyl)borate half-sandwich complexes of trivalent uranium incorporating the [C8H6{SiiPr3-1,4}2]2- and [C8H4{SiiPr3-1,4}2]2- ligands. *Comptes Rendus Chimie*, **2010**, 13, 812-820	2.7	13
246	Carbon–Silicon Bond Activation by [Pd(ItBu)2]. The Molecular Structures of [Pd(Me3Si)(ItBu)(μ-I)]2 and [Pd(CH2ItBu)I2]. *European Journal of Inorganic Chemistry*, **2009**, 2009, 1844-1850	2.3	15
245	Synthesis and Characterisation of Low-Coordinate Transition-Metal Complexes Stabilised by Sterically Demanding Carbazolido Ligands. *European Journal of Inorganic Chemistry*, **2009**, 2009, 2547-2552	2.3	22
244	Tetrameric iridium hydride-rich clusters formed under hydrogenation conditions. *Angewandte Chemie - International Edition*, **2009**, 48, 582-5	16.4	31
243	Synthesis and reactivity of a strained silicon-bridged [1]ferrocenophanium ion. *Angewandte Chemie - International Edition*, **2009**, 48, 4961-4	16.4	14

242	1D lead iodide crystals encapsulated within single walled carbon nanotubes. *International Journal of Quantum Chemistry*, **2009**, 109, 171-175	2.1	4
241	Electronic absorption spectroscopy and time-dependent density functional theory calculations on the nickel(II) complex of 1,4-bis(pyrrol-2-ylmethyleneamino)butane. *Inorganica Chimica Acta*, **2009**, 362, 402-406	2.7	24
240	Noninnocent behavior of ancillary ligands: apparent trans coupling of a saturated N-heterocyclic carbene unit with an ethyl ligand mediated by nickel. *Journal of the American Chemical Society*, **2009** , 131, 10461-6	16.4	66
239	Computational Studies on the Pt(II)-Catalyzed Cycloisomerization of 1,6-dienes into Bicyclopropanes: A Mechanistic Quandary Evaluated by DFT. *Organometallics*, **2009**, 28, 2038-2045	3.8	5
238	Syntheses, structural studies, photoelectron spectra and density functional theory calculations of the "pseudo" tetraphospha-metallocenes [M(eta-P2C3Bu(t)3)(2)], (M = Ni, Pd, Pt). *Dalton Transactions*, **2009**, 1164-71	4.3	2
237	A mystery solved? Photoelectron spectroscopic and quantum chemical studies of the ion states of CeCp3(+). *Dalton Transactions*, **2009**, 5943-53	4.3	21
236	Homoleptic permethylpentalene complexes: "double metallocenes" of the first-row transition metals. *Journal of the American Chemical Society*, **2008**, 130, 15662-77	16.4	80
235	Interactions between tripodal porphyrin hosts and single walled carbon nanotubes: an experimental and theoretical (DFT) account. *Journal of Materials Chemistry*, **2008**, 18, 2781		16
234	Solvent dependence of the g-anisotropy in the ESR of cyanide-bridged mixed-valence complexes. *Dalton Transactions*, **2008**, 6257-64	4.3	5
233	Crystal structure of low-dimensional Cu(I) iodide: DFT prediction of cuprophilic interactions. *Chemical Communications*, **2008**, 2432-4	5.8	27
232	Mechanistic studies on the reductive cyclooligomerisation of CO by U(III) mixed sandwich complexes; the molecular structure of [(U(eta-C8H6{Si(i)Pr3-1,4}2)(eta-Cp*)]2(mu-eta1:eta1-C2O2). *Journal of the American Chemical Society*, **2008**, 130, 13816-7	16.4	135
231	Synthetic and Computational Studies of Thiocarbonyl/Organyl Coupling Reactions (1). *Organometallics*, **2008**, 27, 5548-5558	3.8	19
230	Synthesis and molecular and electronic structure of an unusual paramagnetic borohydride complex Mo(NAr)2(PMe3)2(eta2-BH4). *Inorganic Chemistry*, **2008**, 47, 999-1006	5.1	11
229	Synthesis and structural characterisation of an yttrium-alkyl-alkylidene. *Chemical Communications*, **2008**, 1747-9	5.8	85
228	Spectroelectrochemical and computational studies on the mechanism of hypoxia selectivity of copper radiopharmaceuticals. *Chemistry - A European Journal*, **2008**, 14, 5890-907	4.8	56
227	Synthesis, Radiolabelling and Confocal Fluorescence Microscopy of Styrene-Derivatised Bis(thiosemicarbazonato)zinc and -copper Complexes. *European Journal of Inorganic Chemistry*, **2008**, 2008, 1985-1993	2.3	26
226	Synthesis, X-ray Crystallography, Spectroelectrochemistry and Computational Studies on Potential Copper-Based Radiopharmaceuticals. *European Journal of Inorganic Chemistry*, **2008**, 2008, 3549-3560	2.3	18
225	The low basicity of phosphabenzenes: first examples of protonation, alkylation, and silylation reactions. *Angewandte Chemie - International Edition*, **2008**, 47, 3801-4	16.4	32

224	DFT calculations of KI crystals formed within single-walled carbon nanotubes. *Chemical Physics Letters*, **2008**, 466, 76-78	2.5	6
223	The electronic structure of Ti(BH4)3: Photoelectron spectra and calculation of vertical ionization energies. *Inorganica Chimica Acta*, **2008**, 361, 462-466	2.7	6
222	A Dichromium(II) Bis(η8-pentalene) Double-Sandwich Complex with a Spin Equilibrium: Synthetic, Structural, Magnetic, and Theoretical Studies. *Organometallics*, **2008**, 27, 2013-2020	3.8	31
221	Mn2 bis(pentalene): a mixed-spin bimetallic with two extremes of bonding within the same molecule. *Chemical Communications*, **2007**, 873-5	5.8	36
220	A DFT based investigation into the electronic structure and properties of hydride rich rhodium clusters. *Dalton Transactions*, **2007**, 1781-92	4.3	15
219	Cerium(III) and Cerium(IV) Bis(η8-pentalene) Sandwich Complexes: Synthetic, Structural, Spectroscopic, and Theoretical Studies. *Organometallics*, **2007**, 26, 3111-3119	3.8	52
218	syn-Permethylpentalene Iron and Cobalt Carbonyl Complexes: Proximity Bimetallics Lacking Metal−Metal Bonding. *Organometallics*, **2007**, 26, 5517-5521	3.8	25
217	Functionalized bis(thiosemicarbazonato) complexes of zinc and copper: synthetic platforms toward site-specific radiopharmaceuticals. *Inorganic Chemistry*, **2007**, 46, 465-85	5.1	123
216	[Rh(7)(PiPr(3))(6)H(18)][BAr(F) (4)](2): a molecular Rh(111) surface decorated with 18 hydrogen atoms. *Angewandte Chemie - International Edition*, **2007**, 46, 7844-8	16.4	20
215	Electronic Structure of Linearly Coordinated EQ Complexes of the Type [(N3N)W(EQ)] [N3N = N(CH2CH2NSiMe3)3; E = P, As, Sb, Bi; Q = O, S, Se, Te]: A DFT Study. *European Journal of Inorganic Chemistry*, **2007**, 2007, 2443-2453	2.3	3
214	Mercury telluride crystals encapsulated within single walled carbon nanotubes: A density functional study. *International Journal of Quantum Chemistry*, **2007**, 108, 797-807	2.1	13
213	Bis(permethylpentalene)cerium--another ambiguity in lanthanide oxidation state. *Chemical Communications*, **2007**, 1515-7	5.8	48
212	C-C sigma complexes of rhodium. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 6921-6	11.5	54
211	Charge transfer composites of bis(cyclopentadienyl) and bis(benzene) transition metal complexes encapsulated in single-walled carbon nanotubes. *Physical Review B*, **2007**, 75,	3.3	17
210	Organobismuth(III) Dihalides with T-Shaped Geometry Stabilized by Intramolecular N→Bi Interactions and Related Diorganobismuth(III) Halides. *Organometallics*, **2007**, 26, 1196-1203	3.8	62
209	Terminally coordinated AsS and PS ligands. *Chemistry - A European Journal*, **2006**, 12, 8603-8	4.8	18
208	A rhodium complex with one Rh...C-C and one Rh...H-C agostic bond. *Angewandte Chemie - International Edition*, **2006**, 45, 452-6	16.4	49
207	Storing and releasing hydrogen with a redox switch. *Angewandte Chemie - International Edition*, **2006**, 45, 6005-8	16.4	18

206	Storing and Releasing Hydrogen with a Redox Switch. *Angewandte Chemie*, **2006**, 118, 6151-6154	3.6	8
205	Theoretical study of the molecular and electronic structure of one-dimensional crystals of potassium iodide and composites formed upon intercalation in single-walled carbon nanotubes. *Physical Review B*, **2006**, 73,	3.3	35
204	Reductive cyclotrimerization of carbon monoxide to the deltate dianion by an organometallic uranium complex. *Science*, **2006**, 311, 829-31	33.3	243
203	Migratory insertion in N-heterocyclic carbene-containing Fe carbonyl complexes: an experimental and theoretical study. *Dalton Transactions*, **2006**, 2535-41	4.3	31
202	Dinitrogen fixation and activation by Ti and Zr atoms, clusters and complexes. *New Journal of Chemistry*, **2006**, 30, 1253	3.6	34
201	Probing the mechanism of hypoxia selectivity of copper bis(thiosemicarbazonato) complexes: DFT calculation of redox potentials and absolute acidities in solution. *Dalton Transactions*, **2006**, 783-94	4.3	96
200	Noncovalent interactions between organometallic metallocene complexes and single-walled carbon nanotubes. *Journal of Chemical Physics*, **2006**, 125, 154704	3.9	41
199	Synthesis and Reactions of Group 4 Imido Complexes Supported by Cyclooctatetraene Ligands. *Organometallics*, **2006**, 25, 1755-1770	3.8	49
198	Reactions oftBuC?P with Cyclooctatetraene-Supported Titanium Imido Complexes. *Organometallics*, **2006**, 25, 3688-3700	3.8	14
197	Reductive cyclotetramerization of CO to squarate by a U(III) complex: the X-ray crystal structure of [(U (eta-C8H6{SiiPr3-1,4}2)(eta-C5Me4H)]2(mu-eta2: eta2-C4O4). *Journal of the American Chemical Society*, **2006**, 128, 9602-3	16.4	131
196	Models for Solvation of Zirconocene Cations: Synthesis, Reactivity, and Computational Studies of Phenylsilyl-Substituted Cationic and Dicationic Zirconocene Compounds. *Organometallics*, **2006**, 25, 2796-2805	3.8	11
195	High hydride count rhodium octahedra, [Rh6(PR3)6H12][BArF4]2: synthesis, structures, and reversible hydrogen uptake under mild conditions. *Journal of the American Chemical Society*, **2006**, 128, 6247-63	16.4	63
194	Photoelectron spectroscopy of Ce(C5H5)3 Accessing two ion states on 4f ionization. *Chemical Physics Letters*, **2006**, 432, 17-21	2.5	16
193	Synthesis and structural investigations of bulky imino- and amido-phosphine palladium dimers. *Inorganica Chimica Acta*, **2006**, 359, 3677-3692	2.7	10
192	Electronic structure and ionization energies of palladium and platinum N-heterocyclic carbene complexes. *Dalton Transactions*, **2005**, 1214-20	4.3	47
191	Synthesis, structures, and DFT bonding analysis of new titanium hydrazido(2-) complexes. *Inorganic Chemistry*, **2005**, 44, 8442-58	5.1	51
190	Electronic structure, excited states, and photoelectron spectra of uranium, thorium, and zirconium bis(Ketimido) complexes (C5R5)2M[-NCPh2]2 (M = Th, U, Zr; R = H, CH3). *Journal of Physical Chemistry A*, **2005**, 109, 5481-91	2.8	39
189	Electronic structure of M(BH4)4, M = Zr, Hf, and U, by variable photon-energy photoelectron spectroscopy and density functional calculations. *Inorganic Chemistry*, **2005**, 44, 7781-93	5.1	15

188	Tuning the gap: Doubly Si-bridged ansa-tungstenocene, a proposed intermediate for C H activation. *Polyhedron*, **2005**, 24, 1382-1387	2.7	4
187	Photoionization cross-sections: a guide to electronic structure. *Coordination Chemistry Reviews*, **2005**, 249, 209-228	23.2	44
186	Holding onto lots of hydrogen: a 12-hydride rhodium cluster that reversibly adds two molecules of H2. *Angewandte Chemie - International Edition*, **2005**, 44, 6875-8	16.4	38
185	Holding onto Lots of Hydrogen: A 12-Hydride Rhodium Cluster That Reversibly Adds Two Molecules of H2. *Angewandte Chemie*, **2005**, 117, 7035-7038	3.6	10
184	Titanium imido complexes of cyclooctatetraenyl ligands. *Chemistry - A European Journal*, **2005**, 11, 2111-24	4.8	31
183	Synthesis and properties of [NiCp*(2,5-tBu2PC4H2)], a 20-valence-electron phosphanickelocene. *Chemistry - A European Journal*, **2005**, 11, 5381-90	4.8	28
182	Oxidative addition of aryl chlorides to palladium N-heterocyclic carbene complexes and their role in catalytic arylamination. *Journal of Organometallic Chemistry*, **2005**, 690, 6054-6067	2.3	52
181	Strong oscillations in molecular valence photoemission intensities. *Physical Review Letters*, **2005**, 95, 263401	7.4	18
180	Structural investigations on new iron-acyl derivatives of B(C6F5)3. *Journal of Organometallic Chemistry*, **2004**, 689, 4407-4419	2.3	18
179	Open shell metallocenes and exchange splitting of ligand bands: a reassignment of the photoelectron spectra of manganocene. *Polyhedron*, **2004**, 23, 2915-2919	2.7	7
178	Electronic Structure of [U2(-N2)(-C5Me5)2(-C8H4(SiPri3)2)2]. *Organometallics*, **2004**, 23, 832-835	3.8	49
177	Hydrogen Transfer between Ligands: A Density Functional Study of the Rearrangement of M(-C7H8)2 into M(-C7H7)(-C7H9) [M = Mo, Mo+, Zr]. *Organometallics*, **2004**, 23, 2658-2669	3.8	7
176	Structure and dynamics of a dihydrogen/hydride ansa molybdenocene complex. *Inorganic Chemistry* , **2004**, 43, 3475-83	5.1	35
175	Thermal and Photolytic Reactions of Group 12 Metal Atoms in HCl-Doped Argon Matrixes: Formation and Characterization of the Hydride Species HMCl (M = Zn, Cd, or Hg). *Journal of Physical Chemistry A*, **2004**, 108, 9500-9509	2.8	10
174	Synthesis and properties of [CoCp*(2,5-PC4tBu2H2)]: the first monophosphacobaltocene. *Chemistry - A European Journal*, **2003**, 9, 2567-73	4.8	19
173	Stabilization of low-oxidation-state early transition-metal complexes bearing 1,2,4-triphosphacyclopentadienyl ligands: structure of [[Sc(P3C2tBu2)2]2]; ScII or mixed oxidation state?. *Angewandte Chemie - International Edition*, **2003**, 42, 1038-41	16.4	48
172	Electronic Structure of M(-P2C2But2), where M = Ge, Sn, and Pb: Photoelectron Spectroscopy and Density Functional Studies. *Organometallics*, **2003**, 22, 2897-2901	3.8	14
171	Electronic structures of mixed-sandwich complexes of cyclopentadienyl and Hydrotris(pyrazolyl)borate ligands with 3d transition metals. *Inorganic Chemistry*, **2003**, 42, 4366-81	5.1	25

170	Electronic structure of ReO3Me by variable photon energy photoelectron spectroscopy, absorption spectroscopy and density functional calculations. *Inorganic Chemistry*, **2003**, 42, 1908-18	5.1	9
169	Experimental and Theoretical Studies of Olefin Insertion for ansa-Niobocene and ansa-Tantalocene Ethylene Hydride Complexes. *Organometallics*, **2003**, 22, 188-194	3.8	23
168	The length, strength and polarity of metal□arbon bonds: dialkylzinc compounds studied by density functional theory calculations, gas electron diffraction and photoelectron spectroscopy. *Dalton Transactions*, **2003**, 4356-4366	4.3	48
167	Synthesis and study of new binuclear compounds containing bridging (□CN)B(C6F5)3 and (□NC)B(C6F5)3 systems. *Dalton Transactions*, **2003**, 2550-2557	4.3	55
166	Migratory insertion in N-heterocyclic carbene complexes of palladium; an experimental and DFT study. *Chemical Communications*, **2003**, 756-7	5.8	103
165	Rydberg spectra of bis(□-benzene)chromium derivatives. *Journal of Organometallic Chemistry*, **2002**, 649, 100-107	2.3	9
164	Isolation and structure of [HC[CH(SiMe(3))(SnMe(3))](2)](+): a remarkably stable sec-alkyl cation. *Journal of the American Chemical Society*, **2002**, 124, 11266-7	16.4	32
163	The Remarkable Structure and Dynamics of Tris(allyl)rhodium and -iridium as Determined by Theory and Experiment. *Organometallics*, **2002**, 21, 5757-5766	3.8	7
162	CrCpTp: a high-spin Cr(II) sandwich complex with a large structural distortion. *Inorganic Chemistry*, **2002**, 41, 1701-3	5.1	9
161	Metallocene-terminated allylium salts: the effect of end group on localization in polymethines. *Journal of the American Chemical Society*, **2002**, 124, 6285-96	16.4	27
160	The electronic influence of ring substituents and ansa bridges in zirconocene complexes as probed by infrared spectroscopic, electrochemical, and computational studies. *Journal of the American Chemical Society*, **2002**, 124, 9525-46	16.4	157
159	A novel multidecker sandwich complex from the reaction of ferrocene with GaCl3. *Chemical Communications*, **2002**, 36-7	5.8	22
158	Theoretical investigation of the spin crossover transition states of the addition of methane to a series of Group 6 metallocenes using minimum energy crossing points. *Dalton Transactions RSC*, **2002**, 1861		41
157	Structure and vibrational properties of ethyltrioxorhenium(VII), C2H5ReO3, investigated by gas electron diffraction, single crystal X-ray diffraction, IR spectroscopy and quantum chemical calculations. *Dalton Transactions RSC*, **2002**, 3342		8
156	Vibrational properties and matrix photochemistry of trimethyldioxorhenium(VII), (CH3)3ReO2. *Dalton Transactions RSC*, **2002**, 3349-3360		11
155	Structural studies and matrix photochemistry of tetramethyloxorhenium(VI), (CH3)4ReO, and related compounds. *Dalton Transactions RSC*, **2002**, 3142-3152		13
154	Compounds featuring a bond between a Group 13 (M) and a Group 15 element (N or P) and with the formulae HmMNHn and HmMPHn: structural aspects and bonding. *Dalton Transactions RSC*, **2001**, 535-545		29
153	A study of the molecular and electronic structure of iron(II)and ruthenium(II) 1,3-di- and 1,2,4-tri-phospholyl sandwich compoundsby photoelectron spectroscopy and density functional theory. *Dalton Transactions RSC*, **2001**, 1013-1022		26

152	Electronic structure of [M(η-P3C2But2)(CO)3] (M = Mn or Re): a study by photoelectron spectroscopy and density functional calculations. *Dalton Transactions RSC*, **2001**, 1726-1731		17
151	Surprising diversity of non-classical silicon-hydrogen interactions in half-sandwich complexes of Nb and Ta: M-H ? Si-Cl interligand hypervalent interaction (IHI) versus stretched and unstretched η-Si-H?M agostic bonding. *Dalton Transactions RSC*, **2001**, 2903-2915		63
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