

Andy T S Hor

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

310
papers

11,768
citations

53
h-index

91
g-index

315
ext. papers

12,667
ext. citations

4.9
avg, IF

6.38
L-index

#	Paper	IF	Citations
310	Building better lithium-sulfur batteries: from LiNO ₃ to solid oxide catalyst. <i>Scientific Reports</i> , 2016 , 6, 33154	4.9	71
309	Novel MII (M = Mn, Fe, Co, Ni) Coordination Assemblies Based on 2-(((1-(Pyridin-n-ylmethyl)-1H-1,2,3-triazol-4-yl)methyl)thio)pyridine Ligands. <i>Australian Journal of Chemistry</i> , 2016 , 69, 645	1.2	2
308	The effect of crystallinity on photocatalytic performance of Co ₃ O ₄ water-splitting cocatalysts. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 5172-8	3.6	44
307	Mussel-inspired one-pot synthesis of transition metal and nitrogen co-doped carbon (M/N-C) as efficient oxygen catalysts for Zn-air batteries. <i>Nanoscale</i> , 2016 , 8, 5067-75	7.7	89
306	Hybrid 1,2,3-Triazole Supported CuI Complexes: Tuning Assembly and Weak Interaction-Driven Crystal Growth. <i>Australian Journal of Chemistry</i> , 2016 , 69, 372	1.2	10
305	Cyclopentadienyl nickel(ii) N,C-chelating benzothiazolyl NHC complexes: synthesis, characterization and application in catalytic C-C bond formation reactions. <i>Dalton Transactions</i> , 2016 , 45, 7312-9	4.3	11
304	A zwitterionic 1D/2D polymer co-crystal and its polymorphic sub-components: a highly selective sensing platform for HIV ds-DNA sequences. <i>Dalton Transactions</i> , 2016 , 45, 5092-100	4.3	36
303	A catch-release catalysis system based on supramolecular host-guest interactions. <i>RSC Advances</i> , 2016 , 6, 23686-23692	3.7	7
302	From Lithium-Oxygen to Lithium-Air Batteries: Challenges and Opportunities. <i>Advanced Energy Materials</i> , 2016 , 6, 1502164	21.8	237
301	Co@Co ₃ O ₄ @PPD Core-shell Nanoparticle-Based Composite as an Efficient Electrocatalyst for Oxygen Reduction Reaction. <i>Small</i> , 2016 , 12, 2580-7	11	79
300	The 5th Molecular Materials Meeting (M3) @ Singapore. <i>Australian Journal of Chemistry</i> , 2016 , 69, 361	1.2	
299	Re(I) carbonyl complexes containing pyridyl-imine and amine ligands: Synthesis, characterization and their catalytic olefin epoxidation activities. <i>Journal of Organometallic Chemistry</i> , 2016 , 814, 1-7	2.3	11
298	Multicomponent (Ce, Cu, Ni) oxides with cage and core-shell structures: tunable fabrication and enhanced CO oxidation activity. <i>Nanoscale</i> , 2016 , 8, 9521-6	7.7	13
297	Utilisation of gold nanoparticles on amine-functionalised UiO-66 (NH ₂ -UiO-66) nanocrystals for selective tandem catalytic reactions. <i>Chemical Communications</i> , 2016 , 52, 6557-60	5.8	46
296	A binary catalyst system of a cationic Ru-CNC pincer complex with an alkali metal salt for selective hydroboration of carbon dioxide. <i>Chemical Communications</i> , 2016 , 52, 11842-11845	5.8	19
295	Intrinsically Conductive Perovskite Oxides with Enhanced Stability and Electrocatalytic Activity for Oxygen Reduction Reactions. <i>ACS Catalysis</i> , 2016 , 6, 7865-7871	13.1	46
294	Durable rechargeable zinc-air batteries with neutral electrolyte and manganese oxide catalyst. <i>Journal of Power Sources</i> , 2016 , 332, 330-336	8.9	95

293	Tellurium@Ordered Macroporous Carbon Composite and Free-Standing Tellurium Nanowire Mat as Cathode Materials for Rechargeable Lithium-Tellurium Batteries. <i>Advanced Energy Materials</i> , 2015 , 5, 1401999	21.8	65
292	Nickel-catalyzed three-component domino reactions of aryl Grignard reagents, alkynes, and aryl halides producing tetrasubstituted alkenes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 3189-92	16.4	96
291	New solid-state Eu(III)-containing metallo-supramolecular polymers: morphology control and optical wave-guiding properties. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 8992-9002	7.1	13
290	Aryl-BIAN-ligated silver(I) trifluoromethoxide complex. <i>Dalton Transactions</i> , 2015 , 44, 19682-6	4.3	53
289	Spacer-Directed Selective Assembly of Copper Square or Hexagon and Ring-Stacks or Coordination Nanotubes. <i>Inorganic Chemistry</i> , 2015 , 54, 6680-6	5.1	6
288	Oxygen Reduction in Alkaline Media: From Mechanisms to Recent Advances of Catalysts. <i>ACS Catalysis</i> , 2015 , 5, 4643-4667	13.1	748
287	Efficient and durable oxygen reduction and evolution of a hydrothermally synthesized La(Co _{0.55} Mn _{0.45}) _{0.99} O ₃ -nanorod/graphene hybrid in alkaline media. <i>Nanoscale</i> , 2015 , 7, 9046-54	7.7	64
286	Five Cu(I) and Zn(II) clusters and coordination polymers of 2-pyridyl-1,2,3-triazoles: synthesis, structures and luminescence properties. <i>CrystEngComm</i> , 2015 , 17, 3305-3311	3.3	33
285	Highly emissive, solution-processable and dynamic Eu(III)-containing coordination polymers. <i>Chemical Communications</i> , 2015 , 51, 8656-9	5.8	17
284	Unlocking Inter- to Non-Penetrating Frameworks Using Steric Influences on Spacers for CO ₂ Adsorption. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 2117-20	4.5	9
283	Isolation of first row transition metal-carboxylate zwitterions. <i>RSC Advances</i> , 2015 , 5, 42978-42989	3.7	7
282	Eggplant-derived microporous carbon sheets: towards mass production of efficient bifunctional oxygen electrocatalysts at low cost for rechargeable Zn-air batteries. <i>Chemical Communications</i> , 2015 , 51, 8841-4	5.8	87
281	Assembly of photoluminescent [Cu _n In] (n = 4, 6 and 8) clusters by clickable hybrid [N,S] ligands. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 1011-1018	6.8	21
280	A thermally stable and reversible microporous hydrogen-bonded organic framework: aggregation induced emission and metal ion-sensing properties. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 11874-11880	7.1	61
279	Structure and bonding of [(SIPr)AgX] (X = Cl, Br, I and OTf). <i>Chemical Communications</i> , 2015 , 51, 17752-5	5.8	20
278	Unexpected synthesis of an Au ₂ In ₂ tetrametallatricyclic complex from β -aminophosphines and formation of Au-In-P and Ag-In-P nanomaterials. <i>Dalton Transactions</i> , 2015 , 44, 16242-6	4.3	1
277	Co ₃ O ₄ nanoparticles grown on N-doped Vulcan carbon as a scalable bifunctional electrocatalyst for rechargeable zinc-air batteries. <i>RSC Advances</i> , 2015 , 5, 75773-75780	3.7	36
276	Cobalt sulfide nanoparticles impregnated nitrogen and sulfur co-doped graphene as bifunctional catalyst for rechargeable Zn-air batteries. <i>RSC Advances</i> , 2015 , 5, 7280-7284	3.7	34

- 275 A supramolecular recyclable catalyst for aqueous Suzuki-Miyaura coupling. *RSC Advances*, **2015**, 5, 3590-3596 20
- 274 Sulfur-carbon yolk-shell particle based 3D interconnected nanostructures as cathodes for rechargeable lithium-sulfur batteries. *Journal of Materials Chemistry A*, **2015**, 3, 1853-1857 13 71
- 273 Co₃O₄ nanoparticles decorated carbon nanofiber mat as binder-free air-cathode for high performance rechargeable zinc-air batteries. *Nanoscale*, **2015**, 7, 1830-8 7.7 200
- 272 Potential of metal-free graphene alloys as electrocatalysts for oxygen reduction reaction. *Journal of Materials Chemistry A*, **2015**, 3, 1795-1810 13 118
- 271 Engineering organic macrocycles and cages: versatile bonding approaches. *Chemistry - an Asian Journal*, **2015**, 10, 24-42 4.5 34
- 270 Recent advances in C-S bond formation via C-H bond functionalization and decarboxylation. *Chemical Society Reviews*, **2015**, 44, 291-314 58.5 574
- 269 Molybdenum (0) and tungsten (0) carbonyl N-heterocyclic carbene complexes as catalyst for olefin epoxidation. *Journal of Organometallic Chemistry*, **2015**, 775, 188-194 2.3 14
- 268 Amorphous ruthenium nanoparticles for enhanced electrochemical water splitting. *Nanotechnology*, **2015**, 26, 415401 3.4 22
- 267 Ligand Effect and Control of E- and Z-Selectivity in the Silver-Catalyzed Synthesis of 4-Bromooxazolines. *Advanced Synthesis and Catalysis*, **2015**, 357, 2485-2491 5.6 7
- 266 Investigation on the Cyclability of Lithium-Oxygen Cells in a Confined Potential Window using Cathodes with Pre-filled Discharge Products. *Chemistry - an Asian Journal*, **2015**, 10, 2182-9 4.5 10
- 265 Metal-Organic Frameworks via Emissive Metal-Carboxylate Zwitterion Intermediates. *ChemPlusChem*, **2015**, 80, 1231-1234 2.8 12
- 264 A Triazolyl-Pyridine-Supported Cu Dimer: Tunable Luminescence and Fabrication of Composite Fibers. *ChemPlusChem*, **2015**, 80, 1235-1240 2.8 21
- 263 Manganese Oxide Catalyst Grown on Carbon Paper as an Air Cathode for High-Performance Rechargeable Zinc-Air Batteries. *ChemPlusChem*, **2015**, 80, 1341-1346 2.8 58
- 262 Utilizing Benign Oxidants for Selective Aerobic Oxidations Using Heterogenized Platinum Nanoparticle Catalysts. *ChemPlusChem*, **2015**, 80, 1226-1230 2.8 1
- 261 Elucidating Structure-Property Relationships in the Design of Metal Nanoparticle Catalysts for the Activation of Molecular Oxygen. *ACS Catalysis*, **2015**, 5, 3807-3816 13.1 21
- 260 Luminescent [Cu^I] aggregates and [Cu^I]-cyclic coordination polymers supported by quinolyl-triazoles. *Dalton Transactions*, **2015**, 44, 6075-81 4.3 24
- 259 N-heterocyclic carbene complexes of Group 6 metals. *Coordination Chemistry Reviews*, **2015**, 293-294, 292-326 23.2 46
- 258 Pyridine-carboxylate Ligands as Double-Bridge Spacers in Cu^I Metallacycles. *European Journal of Inorganic Chemistry*, **2015**, 2015, 876-881 2.3 8

257	Stitching 2D polymeric layers into flexible interpenetrated metal-organic frameworks within single crystals. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4628-32	16.4	53
256	Yb-doped WO ₃ photocatalysts for water oxidation with visible light. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 4291-4298	6.7	63
255	Cyclopentadienyl Molybdenum(II) N,C-Chelating Benzothiazole-Carbene Complexes: Synthesis, Structure, and Application in Cyclooctene Epoxidation Catalysis. <i>Organometallics</i> , 2014 , 33, 2457-2466	3.8	14
254	Copper-catalyzed trifluoromethylselenolation of aryl and alkyl halides: the silver effect in transmetalation. <i>Organic Letters</i> , 2014 , 16, 524-7	6.2	52
253	Magnetocaloric effect of a series of remarkably isostructural intermetallic [Ni(II)3Ln(III)] cubane aggregates. <i>Dalton Transactions</i> , 2014 , 43, 182-7	4.3	19
252	Using electrospray ionisation mass spectrometry as a synthesis-targeting technique [An update on the chemistry of the platinum chalcogenide dimers [Pt ₂ (E-E)2(PPh ₃) ₄] (E = S, Se). <i>Inorganica Chimica Acta</i> , 2014 , 411, 199-211	2.7	12
251	Enhancing multiphoton upconversion through energy clustering at sublattice level. <i>Nature Materials</i> , 2014 , 13, 157-62	27	435
250	Motorized Janus metal organic framework crystals. <i>Chemical Communications</i> , 2014 , 50, 15175-8	5.8	44
249	Bent tritopic carboxylates for coordination networks: clues to the origin of self-penetration. <i>CrystEngComm</i> , 2014 , 16, 7722-7730	3.3	21
248	Influence of carbon pore size on the discharge capacity of LiO ₂ batteries. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 12433-12441	13	125
247	Photoresponsive liquid marbles and dry water. <i>Langmuir</i> , 2014 , 30, 3448-54	4	41
246	A biomimetic photoelectrochemical device from a molecular heterometallic sodium-manganese water splitting catalyst. <i>Inorganic Chemistry Frontiers</i> , 2014 , 1, 705-711	6.8	3
245	Stoichiometric sensitivity and structural diversity in click-active copper(I) N,S-heterocyclic carbene complexes. <i>Dalton Transactions</i> , 2014 , 43, 1305-12	4.3	16
244	A Near-Neutral Chloride Electrolyte for Electrically Rechargeable Zinc-Air Batteries. <i>Journal of the Electrochemical Society</i> , 2014 , 161, A2080-A2086	3.9	93
243	Synthesis, characterization and catalytic activity of a heterometallic Ni/Zn compound in the H/D exchange of salicylaldehyde. <i>Mendeleev Communications</i> , 2014 , 24, 222-223	1.9	
242	Dual-phase spinel MnCo ₂ O ₄ and spinel MnCo ₂ O ₄ /nanocarbon hybrids for electrocatalytic oxygen reduction and evolution. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 12684-91	9.5	260
241	Key parameters in design of lithium sulfur batteries. <i>Journal of Power Sources</i> , 2014 , 269, 111-116	8.9	82
240	Transmetalation of a dodecahedral Na ₉ aggregate-based polymer: a facile route to water stable Cu(II) coordination networks. <i>Inorganic Chemistry</i> , 2014 , 53, 7446-54	5.1	26

239	Effect of La-Doping on optical bandgap and photoelectrochemical performance of hematite nanostructures. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 19290-19297	13	15
238	Novel Au/La-SrTiO ₃ microspheres: superimposed effect of gold nanoparticles and lanthanum doping in photocatalysis. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1854-9	4.5	10
237	Magnetic Pd/Fe ₃ O ₄ Composite: Synthesis, Structure, and Catalytic Activity. <i>Australian Journal of Chemistry</i> , 2014 , 67, 1387	1.2	3
236	The 4th Molecular Materials Meeting (M3) @ Singapore. <i>Australian Journal of Chemistry</i> , 2014 , 67, 1365	1.2	1
235	Synthesis, characterization, and catalytic activity of heterometallic ion-pair Ni/Mn and Ni/Zn complexes. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 1219-1235	1.6	4
234	Electrospun aggregation-induced emission active POSS-based porous copolymer films for detection of explosives. <i>Chemical Communications</i> , 2014 , 50, 13785-8	5.8	79
233	A Three-Component 1D/2D -i2D Interpenetrated Coordination Network: Structure and Gas Adsorption Studies. <i>Australian Journal of Chemistry</i> , 2014 , 67, 1391	1.2	2
232	Carboxylate-rich hybrid ligands in Mn(II) complexes as precursors for water oxidation reactions. <i>Dalton Transactions</i> , 2014 , 43, 1821-8	4.3	5
231	Dinuclear Cu(II) 1,2,3-Triazole-Bridged Complex with Ferromagnetic Coupling. <i>Australian Journal of Chemistry</i> , 2013 , 66, 1029	1.2	9
230	Ag nanoparticle-modified MnO ₂ nanorods catalyst for use as an air electrode in zinc-air battery. <i>Electrochimica Acta</i> , 2013 , 114, 598-604	6.7	113
229	Tuning omniphobicity via morphological control of metal-organic framework functionalized surfaces. <i>Journal of the American Chemical Society</i> , 2013 , 135, 16272-5	16.4	27
228	Ambient aryImagnesiation of alkynes catalysed by ligandless nickel(ii). <i>Chemical Communications</i> , 2013 , 49, 10121-3	5.8	31
227	Trans [O=Re(V)-OH] core stabilised by chelating N-heterocyclic dicarbene ligands. <i>Dalton Transactions</i> , 2013 , 42, 871-3	4.3	12
226	Silver-catalysed intramolecular hydroamination of alkynes with trichloroacetimidates. <i>Chemical Communications</i> , 2013 , 49, 9272-4	5.8	34
225	Tuning the Zn(II) coordination assembly by adjusting the spacers of 2-pyridylthiomethyl functionalized 1,2,3-triazoles. <i>CrystEngComm</i> , 2013 , 15, 10451	3.3	16
224	Dispersed Ru nanoclusters transformed from a grafted trinuclear Ru complex on SiO ₂ for selective alcohol oxidation. <i>Dalton Transactions</i> , 2013 , 42, 12611-9	4.3	12
223	Tuning the aspect ratio of NH ₂ -MIL-53(Al) microneedles and nanorods via coordination modulation. <i>CrystEngComm</i> , 2013 , 15, 654-657	3.3	62
222	Azide-bridged Cd(II) 1D coordination polymer with Cd ₁₃ nano-crown-like cluster. <i>CrystEngComm</i> , 2013 , 15, 650-653	3.3	13

221	Synthesis and characterization of new trimetallic complexes with $\{Pt_2Au(\text{ES})_2\}_n$ ($n=2, 3$) cores containing C, N and N, N donor ligands. <i>Inorganica Chimica Acta</i> , 2013 , 394, 146-151	2.7	8
220	Cross-coupling of alkyl halides with aryl or alkyl Grignards catalyzed by dinuclear Ni(II) complexes containing functionalized tripodal amine-pyrazolyl ligands. <i>Dalton Transactions</i> , 2013 , 42, 5150-8	4.3	30
219	Supergluing MOF liquid marbles. <i>Chemical Communications</i> , 2013 , 49, 493-5	5.8	32
218	Enhanced Emission and Analyte Sensing by Cinchonine Iridium(III) Cyclometalated Complexes Bearing Bent Diphosphine Chelators. <i>Organometallics</i> , 2013 , 32, 2908-2917	3.8	22
217	Co ₃ O ₄ nanoparticle-modified MnO ₂ nanotube bifunctional oxygen cathode catalysts for rechargeable zinc-air batteries. <i>Nanoscale</i> , 2013 , 5, 4657-61	7.7	215
216	Cp*Rh-based heterometallic metallarectangles: size-dependent Borromean link structures and catalytic acyl transfer. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8125-8	16.4	192
215	"Click-and-click"--hybridised 1,2,3-triazoles supported Cu(I) coordination polymers for azide-alkyne cycloaddition. <i>Dalton Transactions</i> , 2013 , 42, 9437-43	4.3	51
214	Sodium cubane and double-cubane aggregates of hybridised salicylaldimines and their transmetalation to nickel for catalytic ethylene oligomerisation. <i>Chemical Communications</i> , 2013 , 49, 4992-4	5.8	14
213	Hybrid NS ligands supported Cu(I)/(II) complexes for azide-alkyne cycloaddition reactions. <i>Dalton Transactions</i> , 2013 , 42, 11319-26	4.3	45
212	Probing the origin of in situ generated nanoparticles as sustainable oxidation catalysts. <i>Dalton Transactions</i> , 2013 , 42, 12600-5	4.3	9
211	Facile self-assembly of intermetallic [Ni ₂ Gd ₂] cubane aggregate for magnetic refrigeration. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 2943-6	4.5	21
210	Immobilization of [Pt ₂ (ES) ₂ (PPh ₃) ₄] on Polymeric Supports by Sulfide Alkylation and Phosphine Exchange Reactions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013 , 188, 1508-1525	1	2
209	The 3rd Molecular Materials Meeting (M3) @ Singapore. <i>Australian Journal of Chemistry</i> , 2013 , 66, 993	1.2	2
208	Redox tuning of two biological copper centers through non-covalent interactions: same trend but different magnitude. <i>Chemical Communications</i> , 2012 , 48, 4217-9	5.8	16
207	A novel structural rearrangement reaction of dialkylated derivatives of [Pt ₂ (ES) ₂ (PPh ₃) ₄] involving Pt-C bond formation. <i>Dalton Transactions</i> , 2012 , 41, 12773-80	4.3	3
206	1,1'-Bis(diphenylphosphino)ferrocene in functional molecular materials. <i>Dalton Transactions</i> , 2012 , 41, 12655-65	4.3	59
205	General one-step self-assembly of isostructural intermetallic Co(II)(3)Ln(III) cubane aggregates. <i>Inorganic Chemistry</i> , 2012 , 51, 12059-61	5.1	22
204	Chelating Schiff base assisted azide-bridged Mn(II), Ni(II) and Cu(II) magnetic coordination polymers. <i>Dalton Transactions</i> , 2012 , 41, 13379-87	4.3	32

203	First crystallographic elucidation of a high-valent molybdenum oxo N-heterocyclic carbene complex [CpMo(VI)O ₂ (IBz)] ₂ [Mo ₆ O ₁₉]. <i>Dalton Transactions</i> , 2012 , 41, 1454-6	4.3	19
202	Soluble Phosphorescent Iridium(III) Complexes from Cinchonine-Derived Ligands. <i>Organometallics</i> , 2012 , 31, 553-559	3.8	18
201	[Zn(phen)(O,N,O)(H ₂ O)] and [Zn(phen)(O,N)(H ₂ O)] with O,N,O is 2,6-dipicolinate and N,O is L-threoninate: synthesis, characterization, and biomedical properties. <i>Journal of Biological Inorganic Chemistry</i> , 2012 , 17, 1093-105	3.7	11
200	Efficient Route to Organometallic Cage Formation via C≡N Activation-Directed Multicomponent Assembly Accompanying Aromatic Guest Encapsulation. <i>Organometallics</i> , 2012 , 31, 995-1000	3.8	24
199	Facile formation and redox of benzoxazole-2-thiolate-bridged dinuclear Pt(II/III) complexes. <i>Dalton Transactions</i> , 2012 , 41, 12568-76	4.3	25
198	One-step entry to olefin-tethered N,S-heterocyclic carbene complexes of ruthenium with mixed ligands. <i>Dalton Transactions</i> , 2012 , 41, 5988-94	4.3	14
197	Zinc, cobalt and copper coordination polymers with different structural motifs from picolyl-triazole hybrid ligands. <i>CrystEngComm</i> , 2012 , 14, 961-971	3.3	33
196	The 2nd Molecular Materials Meeting (M3@Singapore). <i>Australian Journal of Chemistry</i> , 2012 , 65, 1191	1.2	3
195	Phosphorescent Emitters from Natural Products: Cinchonine-Derived Iridium(III) Complexes. <i>Organometallics</i> , 2011 , 30, 2137-2143	3.8	14
194	Synthesis, characterization, and single-molecule metamagnetism of new Co(II) polynuclear complexes of pyridine-2-ylmethanol. <i>Dalton Transactions</i> , 2011 , 40, 10526-34	4.3	48
193	Effect of oxygen evolution catalysts on hematite nanorods for solar water oxidation. <i>Chemical Communications</i> , 2011 , 47, 10653-5	5.8	51
192	Supramolecular assembly of a new series of copper-L-arginine Schiff bases. <i>CrystEngComm</i> , 2011 , 13, 2114	3.3	11
191	Molecular Materials Meeting (M3@Singapore). <i>Australian Journal of Chemistry</i> , 2011 , 64, 1181	1.2	3
190	Further studies on the chemistry of molybdenyl adducts of [Pt ₂ (E ₅) ₂ (PPh ₃) ₄]: Hydrolysis, condensation and ligand exchange processes. <i>Inorganica Chimica Acta</i> , 2011 , 375, 142-149	2.7	9
189	Further studies on the dialkylation chemistry of [Pt ₂ (E ₅) ₂ (PPh ₃) ₄] with activated alkyl halides RC(O)CH ₂ X (X = Cl, Br). <i>Inorganica Chimica Acta</i> , 2011 , 376, 255-263	2.7	9
188	Nitrogen-rich azoles as ligand spacers in coordination polymers. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 292-304	4.5	63
187	Syntheses and structures of ruthenium(II) N,S-heterocyclic carbene diphosphine complexes and their catalytic activity towards transfer hydrogenation. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 1485-91	4.5	10
186	Iron(II) complexes with functionalized amine-pyrazolyl tripodal ligands in the cross-coupling of aryl Grignard with alkyl halides. <i>Dalton Transactions</i> , 2011 , 40, 8935-40	4.3	25

185	Dinuclear platinum(II) sulfide-thiolate complexes [Pt ₂ (ES)(ESR)(PPh ₃) ₄] ⁺ containing fluorinated substituents and the identification of a S ² C ₆ F ₅ interaction in the crystal structure of [Pt ₂ (ES)(ESCH ₂ C ₆ F ₅)(PPh ₃) ₄]BPh ₄ ·2C ₆ H ₆ . <i>Inorganica Chimica Acta</i> , 2011 , 368, 6-12	2.7	11
184	Spacer directed metallo-supramolecular assemblies of pyridine carboxylates. <i>Coordination Chemistry Reviews</i> , 2011 , 255, 273-289	23.2	70
183	Recent advances in metal catalysts with hybrid ligands. <i>Coordination Chemistry Reviews</i> , 2011 , 255, 1991-2024	23.2	138
182	N-heterocyclic carbene Pt(II) complexes from caffeine: synthesis, structures and photoluminescent properties. <i>Dalton Transactions</i> , 2011 , 40, 4402-6	4.3	37
181	Complexation of 1,1'-bis(diphenylphosphino)ferrocene dioxide (dppfO ₂) with 3d metals and revisit of its coordination to Pd(II). <i>Dalton Transactions</i> , 2011 , 40, 10725-30	4.3	11
180	Nuclearity growth towards Ni(II) cubane in self-assembly with 2-hydroxymethyl pyridine (hmpH) and 5-ethoxycarbonyl-2-hydroxymethyl pyridine (5-ehmpH). <i>CrystEngComm</i> , 2011 , 13, 2915	3.3	22
179	Lipid-bilayer-mimicking solid-state structures of Cu(II) and Ni(II) with L-tryptophan and L-tyrosine Schiff base derivatives. <i>CrystEngComm</i> , 2011 , 13, 4228	3.3	7
178	Aqueous phenol oxidation catalysed by molybdenum and tungsten carbonyl complexes. <i>Applied Catalysis A: General</i> , 2011 , 393, 269-274	5.1	15
177	Ferrocenyl iminophosphine ligands in Pd-catalysed Suzuki couplings. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 2928-2934	2.3	21
176	Magnetically recoverable magnetite/gold catalyst stabilized by poly(N-vinyl-2-pyrrolidone) for aerobic oxidation of alcohols. <i>Molecules</i> , 2010 , 16, 149-61	4.8	14
175	N,S-Heterocyclic Carbene Complexes. <i>Australian Journal of Chemistry</i> , 2010 , 63, 727	1.2	16
174	Functionalized 1,2,3-triazoles as building blocks for photoluminescent POLOs (polymers of oligomers) of copper(I). <i>Dalton Transactions</i> , 2010 , 39, 2631-6	4.3	62
173	Crystallographic Elucidation of Chiral and Helical Cu(II) Polymers Assembled from a Heterodifunctional 1,2,3-Triazole Ligand. <i>Crystal Growth and Design</i> , 2010 , 10, 1715-1720	3.5	49
172	Must an N-Heterocyclic Carbene Be a Terminal Ligand?. <i>Organometallics</i> , 2010 , 29, 2403-2405	3.8	31
171	Crystallographic analysis of different water-soluble cluster blends in cationic [(SNS)PdII] pincer complexes. <i>CrystEngComm</i> , 2010 , 12, 226-233	3.3	19
170	Structural effects of sodium cations in polynuclear, multicubane-type mixed Na-Ni complexes. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4443-6	16.4	57
169	Crystallographic identification of an unusual homoleptic palladium citrate [Na(OH ₂) ₆][[Na ₃ (OH ₂) ₈] ₃ [NaPd ₃ (C ₆ H ₄ O ₇) ₃] ₂][H ₂ O] stabilised by intermetallic aggregation with sodium and heavy hydration. <i>Dalton Transactions</i> , 2010 , 39, 9462-4	4.3	5
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166	Substituent-dependent structures and catalysis of benzimidazole-tethered N-heterocyclic carbene complexes of Ag(I), Ni(II) and Pd(II). <i>Dalton Transactions</i> , 2010 , 39, 5231-41	4.3	65
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161	The arylation of $[Pt_2(E\delta)_2(PPh_3)_4]$. <i>Inorganica Chimica Acta</i> , 2010 , 363, 637-644	2.7	16
160	Synthesis and structural characterisation of the lead-platinum sulfido aggregates $[Pt_2(E\delta)_2(PPh_3)_4PbX_2]$ (X=Br, I); promotion of rare tetrahedral geometry for lead(II). <i>Inorganica Chimica Acta</i> , 2010 , 363, 1859-1863	2.7	8
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157	Benzothiazolin-2-ylidene and Azole Mixed-Ligand Complexes of Palladium. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4288-4297	2.3	19
156	Dithiolate and diselenolate complexes $[Pt_2(E\delta CH_2CHCH_2E)(PPh_3)_4]^{2+}$ (E = S, Se): Synthesis, characterisation and mass spectrometric formation of the dichalcogenide species $[Pt_2(E\delta)_2(PPh_3)_4]^{2+}$. <i>Inorganica Chimica Acta</i> , 2009 , 362, 1194-1198	2.7	9
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149	Novel Pt(II) Mono- and Biscarbene Complexes: Synthesis, Structural Characterization and Application in Hydrosilylation Catalysis. <i>Organometallics</i> , 2009 , 28, 1212-1220	3.8	65
148	Formation and crystallographic elucidation of stable [4 + 2]-coordinate nickel(II) N,S-heterocyclic carbene (NSHC) complexes. <i>Dalton Transactions</i> , 2009 , 1853-8	4.3	30
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59	Fragmentation pathways of $[\text{Re}_2(\text{EOR})_3(\text{CO})_6]$ ($\text{R} = \text{H}, \text{Me}$) and ligand exchange reactions with oxygen donor ligands, investigated by electrospray mass spectrometry. <i>Dalton Transactions RSC</i> , 2000 , 3197-3203		14
58	Ligand-stabilization of an unusual square-based pyramidal geometry of $\text{Cd}(\text{II})$ and $\text{Zn}(\text{II})$ in an heterometallic $\{\text{MPt}_2\text{S}_2\}$ core ($\text{M} = \text{Cd}, \text{Zn}$). <i>Dalton Transactions RSC</i> , 2000 , 1027-1031		15
57	Ligand exchange reactions of $[\text{Re}_2(\text{EOR})_3(\text{CO})_6]$ ($\text{R} = \text{H}, \text{Me}$) with sulfur, selenium, phosphorus and nitrogen donor ligands, investigated by electrospray mass spectrometry. <i>Dalton Transactions RSC</i> , 2000 , 3204-3211		17
56	Formation and structural relationship of electroactive $\text{Pt}(\text{II})/\text{Ag}(\text{II})$ polymetallic sulfide aggregates. <i>Dalton Transactions RSC</i> , 2000 , 2901-2908		14
55	Catalytic dechlorination of chlorobenzenes: effect of solvent on efficiency and selectivity. <i>Journal of Molecular Catalysis A</i> , 1999 , 144, 397-403		24
54	Room-temperature hydrodebromination of 4,4'-dibromobiphenyl catalyzed by 1,1'-bis(diphenylphosphino)ferrocene complexes of palladium. <i>Journal of Molecular Catalysis A</i> , 1998 , 132, 223-229		26
53	Broadband optical limiting with multiwalled carbon nanotubes. <i>Applied Physics Letters</i> , 1998 , 73, 3632-3634	3.1	197
52	From Aggregates to Clusters. Facile Formation of Hetero-Metal-Metal Bonds through Reductive Desulfurization by CO in a Decapacitative Transformation of a $\{\text{Pt}_2\text{MS}_2\}$ Tbp Frame to a $\{\text{Pt}_2\text{MS}\}$ Tetrahedral Core ($\text{M} = \text{Ag}, \text{Cu}, \text{and Ru}$). <i>Journal of the American Chemical Society</i> , 1997 , 119, 11006-11011	16.4	30
51	Debromination of 1,4-Dibromobenzene and 4,4'-Dibromobiphenyl: A Model for Cleansing of PCBs. <i>Environmental Monitoring and Assessment</i> , 1997 , 44, 481-485	3.1	1
50	Complete debromination of polybrominated benzenes at room temperature catalyzed by palladium metallocenyl diphosphine complexes. <i>Journal of Molecular Catalysis A</i> , 1997 , 126, L83-L88		19
49	$[\text{Pt}_2(\text{PPh}_3)_4(\text{S})_2]$ as a metalloligand towards main-group lewis acids. Evidence of a sulfide-linked $\{\text{BiPt}_4\}$ aggregate by 1/2 addition on BiCl_3 . <i>Polyhedron</i> , 1996 , 15, 1737-1741	2.7	13
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47	High-Performance Liquid Chromatography of Group 6 Dimetal Decacarbonyl Complexes Singly-Bridged by Diphosphine Ligands. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1994 , 17, 3671-3680		6
46	Nitrato displacement in $[\text{Ag}_2(\text{NO}_3)_2(\text{Edppf})_2]$. Molecular structure of a homoleptic dppf complex, $[\text{Ag}_2(\text{Edppf})(\text{dppf})_2](\text{PF}_6)_2$ ($\text{dppf} = 1,1'$ -bis(diphenylphosphino)ferrocene). <i>Journal of Organometallic Chemistry</i> , 1994 , 464, 113-119	2.3	27
45	Synthesis of $\text{M}_0(\text{L}_2\text{-dppf})_2$ ($\text{M} = \text{Pd}, \text{Pt}$; $\text{dppf} = \text{Fe}(\text{C}_5\text{H}_4\text{PPh}_2)_2$) and their reactions with $\text{Fe}_3(\text{S})_2(\text{CO})_9$ and elemental sulfur. <i>Journal of Organometallic Chemistry</i> , 1994 , 483, 17-20	2.3	15
44	X-Ray photoelectron spectroscopic characterization of $[\{\text{Pt}(\text{PPh}_3)_2(\text{S})\}_2\text{PtCl}_2]$, $[\{\text{Pt}_2(\text{PPh}_3)_4(\text{S})_2\text{Cu}\}_2(\text{P}-\text{dppf})][\text{PF}_6]_2$ ($\text{dppf} = \text{Fe}(\text{C}_5\text{H}_4\text{PPh}_2)_2$) and other heterometallic aggregates derived from $[\{\text{Pt}(\text{PPh}_3)_2(\text{S})\}_2]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994 , 3451-3458		43
43	Promotion of tetrahedral copper(I) dimers by chelation of 1,1'-bis(diphenylphosphino)ferrocene (dppf). Crystal structures of $[\{\text{Cu}(\text{L}-\text{X})(\text{dppf}-\text{P}, \text{P}')\}_2]$ ($\text{X} = \text{O}_2\text{CH}, \text{I}$ or NO_3). <i>Journal of the Chemical Society Dalton Transactions</i> , 1994 , 3451-3458		36
42	Substituted metal carbonyls. <i>Journal of Organometallic Chemistry</i> , 1993 , 448, 131-137	2.3	6

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36	Thermal Analysis of Electroactive Polymers based on Aniline and its Derivatives. <i>Journal of Thermal Analysis</i> , 1993 , 39, 177-185		17
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