# Anthony F Masters

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 159 papers | 4,553 citations | 101384 36 h-index | 138251 58 g-index |
| 175 all docs | 175 docs citations | 175 times ranked | 6088 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Isopropenyl esters (iPEs) in green organic synthesis. Chemistry - A European Journal, 2022, , . | 1.7 | 2 |
| 2 | Removal of Pb<sup>2+</sup> from Water Using Sustainable Brown Seaweed Phlorotannins. Langmuir, 2022, 38, 8324-8333. | 1.6 | 3 |
| 3 | Critical review: hydrothermal synthesis of 1T-MoS<sub>2</sub> â€“ an important route to a promising material. Journal of Materials Chemistry A, 2021, 9, 9451-9461. | 5.2 | 37 |
| 4 | Chevrel Phase Nanoparticles as Electrocatalysts for Hydrogen Evolution. ACS Applied Nano Materials, 2021, 4, 2030-2036. | 2.4 | 10 |
| 5 | The Catalytic Nature of Chevrel Phases (MxMo6S8) in Review. Materials Research Bulletin, 2021, 139, 111286. | 2.7 | 15 |
| 6 | 3R-MoS<sub>2</sub> in Review: History, Status, and Outlook. ACS Applied Energy Materials, 2021, 4, 7405-7418. | 2.5 | 39 |
| 7 | Interactions of Plasmonic Silver Nanoparticles with High Energy Sites on Multiâ€Faceted Rutile TiO<sub>2</sub> Photoanodes. ChemCatChem, 2020, 12, 469-477. | 1.8 | 4 |
| 8 | Step by step extraction of bio-actives from the brown seaweeds, Carpophyllum flexuosum, Carpophyllum plumosum, Ecklonia radiata and Undaria pinnatifida. Algal Research, 2020, 52, 102092. | 2.4 | 26 |
| 9 | Nanoparticles for Undergraduates: Creation, Characterization, and Catalysis. Journal of Chemical Education, 2020, 97, 4166-4172. | 1.1 | 11 |
| 10 | Interfacial Reactions between Lithium and Grain Boundaries from Anatase TiO<sub>2</sub>â€“TUD-1 Electrodes in Lithium-Ion Batteries with Enhanced Capacity Retention. ACS Omega, 2020, 5, 7584-7592. | 1.6 | 3 |
| 11 | Exploring Opportunities for Platinum Nanoparticles Encapsulated in Porous Liquids as Hydrogenation Catalysts. Chemistry - A European Journal, 2020, 26, 7059-7064. | 1.7 | 25 |
| 12 | Interactions of Plasmonic Silver Nanoparticles with High Energy Sites on Multiâ€Faceted Rutile TiO<sub>2</sub> Photoanodes. ChemCatChem, 2020, 12, 400-400. | 1.8 | 0 |
| 13 | Hydrothermal Liquefaction of Î±â€Oâ€4 Aryl Ether Linkages in Lignin. ChemSusChem, 2020, 13, 2002-2006. | 3.6 | 11 |
| 14 | 4-Nitrophenol Reduction: Probing the Putative Mechanism of the Model Reaction. ACS Catalysis, 2020, 10, 5516-5521. | 5.5 | 178 |
| 15 | Understanding the link between solid/liquid interfaces and photoelectrochemical activity in novel thin-film photoanodes of preferentially oriented high-index rutile TiO2 facets â€“ A work inspired by Michel Cheâ€™s research on surface chemistry. Journal of Catalysis, 2020, 392, 186-196. | 3.1 | 4 |
| 16 | Immobilisation of Homogeneous Pd Catalysts within a Type I Porous Liquid. Australian Journal of Chemistry, 2020, 73, 1296. | 0.5 | 5 |
| 17 | Salt-enhanced photocatalytic hydrogen production from water with carbon nitride nanorod photocatalysts: cation and pH dependence. Journal of Materials Chemistry A, 2019, 7, 18987-18995. | 5.2 | 21 |
| 18 | The encapsulation of metal nanoparticles within porous liquids. Chemical Communications, 2019, 55, 11179-11182. | 2.2 | 21 |

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| 19 | Toward an Understanding of the Forces Behind Extractive Desulfurization of Fuels with Ionic Liquids. ACS Sustainable Chemistry and Engineering, 2019, 7, 4087-4093. | 3.2 | 33 |
| 20 | Investigating homogeneous Co/Br<sup>â^'</sup>/H<sub>2</sub>O<sub>2</sub> catalysed oxidation of lignin model compounds in acetic acid. Catalysis Science and Technology, 2019, 9, 384-397. | 2.1 | 7 |
| 21 | The Influence of Pyridinium-Based Additives on Zinc Electrodeposition in Aqueous Solution. Journal of the Electrochemical Society, 2019, 166, D192-D198. | 1.3 | 4 |
| 22 | Single-Step Methylation of Chitosan Using Dimethyl Carbonate as a Green Methylating Agent. Molecules, 2019, 24, 3986. | 1.7 | 11 |
| 23 | Enhanced Photocatalytic Hydrogen Evolution with TiO<sub>2</sub>â€“TiN Nanoparticle Composites. Journal of Physical Chemistry C, 2019, 123, 3740-3749. | 1.5 | 37 |
| 24 | A comparison of photocatalytic reforming reactions of methanol and triethanolamine with Pd supported on titania and graphitic carbon nitride. Applied Catalysis B: Environmental, 2019, 240, 373-379. | 10.8 | 71 |
| 25 | Optimised heterojunctions between [100]-oriented rutile TiO2 arrays and {001} faceted anatase nanodomains for enhanced photoelectrochemical activity. Sustainable Energy and Fuels, 2018, 2, 1463-1473. | 2.5 | 12 |
| 26 | Effective Removal of Toxic Heavy Metal Ions from Aqueous Solution by CaCO3 Microparticles. Water, Air, and Soil Pollution, 2018, 229, 1. | 1.1 | 24 |
| 27 | Dynamic Nuclear Polarization NMR Spectroscopy of Polymeric Carbon Nitride Photocatalysts: Insights into Structural Defects and Reactivity. Angewandte Chemie, 2018, 130, 6964-6968. | 1.6 | 27 |
| 28 | Dynamic Nuclear Polarization NMR Spectroscopy of Polymeric Carbon Nitride Photocatalysts: Insights into Structural Defects and Reactivity. Angewandte Chemie - International Edition, 2018, 57, 6848-6852. | 7.2 | 53 |
| 29 | Process systems for the carbonate interchange reactions of DMC and alcohols: efficient synthesis of catechol carbonate. Catalysis Science and Technology, 2018, 8, 1971-1980. | 2.1 | 19 |
| 30 | Bromozincate ionic liquids in the Knoevenagel condensation reaction. Applied Catalysis B: Environmental, 2018, 223, 228-233. | 10.8 | 31 |
| 31 | Organosilica Nanotube Templates: Oneâ€Pot Synthesis of Carbonâ€Modified Polymeric Carbon Nitride Nanorods for Photocatalysis. ChemCatChem, 2018, 10, 581-589. | 1.8 | 22 |
| 32 | A comparative assessment of the activity and structure of phlorotannins from the brown seaweed Carpophyllum flexuosum. Algal Research, 2018, 29, 130-141. | 2.4 | 45 |
| 33 | Selective Catalytic Methylation of Phloroglucinol with Dimethyl Carbonate in the Presence of Heterogeneous Acids. European Journal of Organic Chemistry, 2018, 2018, 6249-6255. | 1.2 | 0 |
| 34 | The Autocatalytic Isomerization of Allylbenzene by Nickel(0) Tetrakis(triethylphosphite). European Journal of Inorganic Chemistry, 2018, 2018, 3384-3387. | 1.0 | 5 |
| 35 | Shining Light on Carbon Nitrides: Leveraging Temperature To Understand Optical Gap Variations. Chemistry of Materials, 2018, 30, 4253-4262. | 3.2 | 28 |
| 36 | Structural Investigation of Cobalt Oxide Clusters Derived from Molecular Cobalt Cubane, Trimer, and Dimer Oligomers in a Phosphate Electrolyte. Journal of Physical Chemistry C, 2017, 121, 11021-11026. | 1.5 | 4 |

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| 37 | Polymeric carbon nitride for solar hydrogen production. Chemical Communications, 2017, 53, 7438-7446. | 2.2 | 42 |
| 38 | Unravelling Some of the Key Transformations in the Hydrothermal Liquefaction of Lignin. ChemSusChem, 2017, 10, 2140-2144. | 3.6 | 26 |
| 39 | Renewable Aromatics from Kraft Lignin with Molybdenumâ€Based Catalysts. ChemCatChem, 2017, 9, 2717-2726. | 1.8 | 29 |
| 40 | A New Approach to Understand the Adsorption of Thiophene on Different Surfaces: An Atom Probe Investigation of Self-Assembled Monolayers. Langmuir, 2017, 33, 9573-9581. | 1.6 | 11 |
| 41 | Extractive Denitrogenation of Fuel Oils with Ionic Liquids: A Systematic Study. Energy & Fuels, 2017, 31, 2183-2189. | 2.5 | 31 |
| 42 | Zinc Electrodeposition in the Presence of an Aqueous Electrolyte Containing 1-Ethylpyridinium Bromide: Unexpected Oddities. Australian Journal of Chemistry, 2017, 70, 1025. | 0.5 | 2 |
| 43 | The influence of novel bromine sequestration agents on zinc/bromine flow battery performance. RSC Advances, 2016, 6, 110548-110556. | 1.7 | 47 |
| 44 | From macroalgae to liquid fuel via waste-water remediation, hydrothermal upgrading, carbon dioxide hydrogenation and hydrotreating. Energy and Environmental Science, 2016, 9, 1828-1840. | 15.6 | 59 |
| 45 | Masked Nâ€Heterocyclic Carbeneâ€Catalyzed Alkylation of Phenols with Organic Carbonates. ChemSusChem, 2016, 9, 2312-2316. | 3.6 | 17 |
| 46 | Electrochemical investigation of [Co4(Î¼3-O)4(Î¼-OAc)4(py)4] and peroxides by cyclic voltammetry. Chemical Communications, 2016, 52, 14412-14415. | 2.2 | 7 |
| 47 | Microwave-assisted methylation of dihydroxybenzene derivatives with dimethyl carbonate. RSC Advances, 2016, 6, 58443-58451. | 1.7 | 18 |
| 48 | Beyond the Halogen Bond: Examining the Limits of Extended Polybromide Networks through Quantumâ€Chemical Investigations. Chemistry - an Asian Journal, 2016, 11, 682-686. | 1.7 | 9 |
| 49 | Factors influencing the formation of polybromide monoanions in solutions of ionic liquid bromide salts. Physical Chemistry Chemical Physics, 2016, 18, 7251-7260. | 1.3 | 41 |
| 50 | Delaminated MoS 2 as a structural and functional modifier for MgH 2 â€“ Better hydrogen desorption kinetics through induced worm-like morphologies. International Journal of Hydrogen Energy, 2016, 41, 3551-3560. | 3.8 | 8 |
| 51 | The influence of ionic liquid additives on zinc half-cell electrochemical performance in zinc/bromine flow batteries. RSC Advances, 2016, 6, 27788-27797. | 1.7 | 45 |
| 52 | A nano-engineered graphene/carbon nitride hybrid for photocatalytic hydrogen evolution. Journal of Energy Chemistry, 2016, 25, 225-227. | 7.1 | 12 |
| 53 | Strained surface siloxanes as a source of synthetically important radicals. RSC Advances, 2015, 5, 100618-100624. | 1.7 | 5 |
| 54 | Changing the Action of Iron from Stoichiometric to Electrocatalytic in the Hydrogenation of Ketones in Aqueous Acidic Media. ChemSusChem, 2015, 8, 3712-3717. | 3.6 | 2 |

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| 55 | Molecular Cobalt Clusters as Precursors of Distinct Active Species in Electrochemical, Photochemical, and Photoelectrochemical Water Oxidation Reactions in Phosphate Electrolytes. Chemistry - A European Journal, 2015, 21, 16578-16584. | 1.7 | 16 |
| 56 | Hydrogenated Defects in Graphitic Carbon Nitride Nanosheets for Improved Photocatalytic Hydrogen Evolution. Journal of Physical Chemistry C, 2015, 119, 14938-14946. | 1.5 | 148 |
| 57 | The Formation of Highâ€Order Polybromides in a Roomâ€Temperature Ionic Liquid: From Monoanions ([Br<sub>5</sub>]<sup>â^'</sup> to [Br<sub>11</sub>]<sup>â^'</sup>) to the Isolation of [PC<sub>16</sub>H<sub>36</sub>]<sub>2</sub>[Br<sub>24</sub>] as Determined by van der Waals Bonding Radii. Chemistry - A European Journal, 2015, 21, 2961-2965. | 1.7 | 49 |
| 58 | Zinc bromide in aqueous solutions of ionic liquid bromide salts: the interplay between complexation and electrochemistry. RSC Advances, 2015, 5, 83674-83681. | 1.7 | 17 |
| 59 | Hydrogen from Formic Acid via Its Selective Disproportionation over Nanodomain-Modified Zeolites. ACS Catalysis, 2015, 5, 4353-4362. | 5.5 | 16 |
| 60 | Comment on Trondheim Paper. Algal Research, 2015, 9, 322. | 2.4 | 2 |
| 61 | Photocatalytic Hydrogen Evolution from Silicaâ€Templated Polymeric Graphitic Carbon Nitrideâ€“Is the Surface Area Important?. ChemCatChem, 2015, 7, 121-126. | 1.8 | 57 |
| 62 | Metal/bromide autoxidation of triglycerides for the preparation of FAMES to improve the cold-flow characteristics of biodiesel. Catalysis Today, 2014, 233, 162-168. | 2.2 | 4 |
| 63 | Fullerene matrices in the MALDI-TOF mass spectroscopic characterisation of organometallic compounds. Journal of Organometallic Chemistry, 2014, 751, 482-492. | 0.8 | 14 |
| 64 | Controlling viscosity in methyl oleate derivatives through functional group design. New Journal of Chemistry, 2014, 38, 5777-5785. | 1.4 | 5 |
| 65 | Probing structure-functionality relationships of catalytic bimetallic Ptâ€“Ru nanoparticles associated with improved sulfur resistance. RSC Advances, 2014, 4, 28062. | 1.7 | 6 |
| 66 | Facile, high-yielding preparation of pyrrolidinium, piperidinium, morpholinium and 2,3-dihydro-1H-isoindolinium salts and ionic liquids from secondary amines. RSC Advances, 2014, 4, 23327-23337. | 1.7 | 11 |
| 67 | Revealing the Distribution of the Atoms within Individual Bimetallic Catalyst Nanoparticles. Angewandte Chemie - International Edition, 2014, 53, 11190-11193. | 7.2 | 42 |
| 68 | Hydrogen from Formic Acid through Its Selective Disproportionation over Sodium Germanateâ€”A Nonâ€Transitionâ€Metal Catalysis System. Angewandte Chemie - International Edition, 2014, 53, 11275-11279. | 7.2 | 11 |
| 69 | Titelbild: Revealing the Distribution of the Atoms within Individual Bimetallic Catalyst Nanoparticles (Angew. Chem. 42/2014). Angewandte Chemie, 2014, 126, 11279-11279. | 1.6 | 0 |
| 70 | Solar Hydrogen from an Aqueous, Nobleâ€Metalâ€Free Hybrid System in a Continuousâ€Flow Sampling Reaction System. Chemistry - A European Journal, 2014, 20, 7345-7350. | 1.7 | 16 |
| 71 | CHRâ€Insertion (Rï£¾H, CH<sub>3</sub>) into Cyclohexylâ€Substituted Silsesquioxanes: Reactivity and Decomposition Studies. Chemistry - A European Journal, 2014, 20, 15169-15177. | 1.7 | 3 |
| 72 | Ionic liquids are compatible with on-water catalysis. Chemical Communications, 2013, 49, 8347. | 2.2 | 12 |

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| 73 | Structural features of ionic liquids: consequences for material preparation and organic reactivity. Green Chemistry, 2013, 15, 2655. | 4.6 | 88 |
| 74 | Reactions of p-coumaryl alcohol model compounds with dimethyl carbonate. Towards the upgrading of lignin building blocks. Green Chemistry, 2013, 15, 3195. | 4.6 | 44 |
| 75 | A flexible, bolaamphiphilic template for mesoporous silicas. Physical Chemistry Chemical Physics, 2013, 15, 13343. | 1.3 | 1 |
| 76 | 1,3-Disubstituted imidazolium hydroxides: Dry salts or wet carbenes?. Catalysis Today, 2013, 200, 9-16. | 2.2 | 37 |
| 77 | Robust bimetallic Ptâ€“Ru catalysts for the rapid hydrogenation of toluene and tetralin at ambient temperature and pressure. Applied Catalysis A: General, 2013, 454, 46-52. | 2.2 | 18 |
| 78 | Steric, hydrogen-bonding and structural heterogeneity effects on the nucleophilic substitution of N-(p-fluorophenyldiphenylmethyl)-4-picolinium chloride in ionic liquids. Organic and Biomolecular Chemistry, 2013, 11, 2534. | 1.5 | 26 |
| 79 | The chemistry of cobalt acetate. X. The preparations of the mixed ligand cobalt oligomers, [Co3O(C6H5N2O)3(CH3CO2)3][PF6].CH3CN (I), [Co4(Î¼2-OH)2(Î·1:Î·1:Î¼2-CH3COO)2(CH3CO2)2(Î·1:Î·1:Î¼2-C11H8NO)2(Î·1:Î·1:Î·1:Î·1:Î¼2-C11H8N3O)2][PF6]2.CH3OH.3H2O (II) and [Co3O(CH3CO2)5(C7H6NO2)(py)3][PF6] (III) and the crystal structures of (I) and (II). Comparisons with homoleptic cobalt acetate dimers and trimers. Polyhedron, 2013, 52, 909-916. | 2.0 | 3 |
| 80 | Application of Bismuthâ€Impregnated Mesoporous Silica to the Photochemical Oxidation of Methylene Blue: An Example of Nanoparticle Autocatalysis. ChemCatChem, 2013, 5, 959-965. | 1.8 | 5 |
| 81 | Unprecedented blue-shift in bismuth oxide supported on mesoporous silica. New Journal of Chemistry, 2013, 37, 593-600. | 1.4 | 13 |
| 82 | Hollow micro/nanomaterials as nanoreactors for photocatalysis. APL Materials, 2013, 1, . | 2.2 | 24 |
| 83 | Silsesquioxanes as molecular analogues of single-site heterogeneous catalysts. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2012, 468, 1968-1984. | 1.0 | 13 |
| 84 | Pseudoâ€Encapsulationâ€”Nanodomains for Enhanced Reactivity in Ionic Liquids. Angewandte Chemie - International Edition, 2012, 51, 11483-11486. | 7.2 | 36 |
| 85 | Controlling Hydrolysis Reaction Rates with Binary Ionic Liquid Mixtures by Tuning Hydrogen-Bonding Interactions. Journal of Physical Chemistry B, 2012, 116, 1858-1864. | 1.2 | 34 |
| 86 | The Role of the Reactor Wall in Hydrothermal Biomass Conversions. Chemistry - an Asian Journal, 2012, 7, 2638-2643. | 1.7 | 7 |
| 87 | Exploring the Myth of Nascent Hydrogen and its Implications for Biomass Conversions. Chemistry - an Asian Journal, 2012, 7, 2629-2637. | 1.7 | 4 |
| 88 | The interplay of catechol ligands with nanoparticulate iron oxides. Dalton Transactions, 2012, 41, 2545. | 1.6 | 99 |
| 89 | The Kinetic Features of the Palladium-Catalyzed Hydrogenolysis of Nitriles and Amines. ChemCatChem, 2012, 4, 1179-1184. | 1.8 | 17 |
| 90 | Ionicâ€Liquidâ€Mediated Activeâ€Site Control of MoS<sub>2</sub> for the Electrocatalytic Hydrogen Evolution Reaction. Chemistry - A European Journal, 2012, 18, 8230-8239. | 1.7 | 66 |

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| 91 | Novel bis(methylimidazolium)alkane bolaamphiphiles as templates for supermicroporous and mesoporous silicas. Microporous and Mesoporous Materials, 2012, 148, 62-72. | 2.2 | 22 |
| 92 | Tuning the Photocatalytic Activity of CdS Nanocrystals through Intermolecular Interactions in Ionicâ€Liquid Solvent Systems. Chemistry - A European Journal, 2012, 18, 2923-2930. | 1.7 | 11 |
| 93 | The one-pot synthesis, characterisation and catalytic behaviour of mesoporous silica-sulfated zirconia solids. Catalysis Today, 2011, 178, 187-196. | 2.2 | 10 |
| 94 | Designing nanoscopic, fluxional bimetallic Ptâ€“Ru alloy hydrogenation catalysts for improved sulfur tolerance. Catalysis Today, 2011, 178, 164-171. | 2.2 | 18 |
| 95 | A Palladiumâ€Catalyzed Multicascade Reaction: Facile Lowâ€Temperature Hydrogenolysis of Activated Nitriles and Related Functional Groups. ChemCatChem, 2011, 3, 1496-1502. | 1.8 | 20 |
| 96 | An ITQâ€2/TUDâ€1 Microâ€/Mesoporous Composite: Inâ€…Situ Delamination as a Tool for the Preparation of Innovative Materials. ChemCatChem, 2011, 3, 1759-1762. | 1.8 | 10 |
| 97 | Promoting the Formation of Active Sites with Ionic Liquids: A Case Study of MoS<sub>2</sub> as Hydrogenâ€Evolutionâ€Reaction Electrocatalyst. ChemCatChem, 2011, 3, 1739-1742. | 1.8 | 36 |
| 98 | Ionic liquid-templated preparation of mesoporous silica embedded with nanocrystalline sulfated zirconia. Nanoscale Research Letters, 2011, 6, 192. | 3.1 | 16 |
| 99 | Penta-arylcyclopentadienyl complexes. Coordination Chemistry Reviews, 2011, 255, 1733-1790. | 9.5 | 46 |
| 100 | Zeolites â€“ From curiosity to cornerstone. Microporous and Mesoporous Materials, 2011, 142, 423-438. | 2.2 | 113 |
| 101 | Metallasilsesquioxanes: Molecular Analogues of Heterogeneous Catalysts. Advances in Silicon Science, 2011, , 135-166. | 0.6 | 44 |
| 102 | The use of acidic task-specific ionic liquids in the formation of high surface area mesoporous silica. New Journal of Chemistry, 2009, 33, 1997. | 1.4 | 15 |
| 103 | Tetraammonium diaquadiperoxidooctamolybdate(VI) tetrahydrate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, i53-i54. | 0.2 | 5 |
| 104 | Accessing Decaphenylmetallocenes of Ytterbium, Calcium, and Barium by Desolvation of Solvent-Separated Ion Pairs: Overcoming Adverse Solubility Properties. Organometallics, 2008, 27, 4772-4778. | 1.1 | 72 |
| 105 | The Biorefineryâ€”Challenges, Opportunities, and an Australian Perspective. Bulletin of Science, Technology and Society, 2008, 28, 149-158. | 1.1 | 32 |
| 106 | Ce-TUD-1:Â Synthesis, Characterization, and Testing of a Versatile Heterogeneous Oxidation Catalyst. Industrial & Engineering Chemistry Research, 2007, 46, 4221-4225. | 1.8 | 16 |
| 107 | Partial Oxidation of 4-tert-Butyltoluene Catalyzed by Homogeneous Cobalt and Cerium Acetate Catalysts in the Brâˆ’/H2O2/Acetic Acid System: Insights into Selectivity and Mechanism. Chemistry - A European Journal, 2007, 13, 8037-8044. | 1.7 | 13 |
| 108 | Dinuclear alkynyllanthanoid(ii) dications with pentaphenylcyclopentadienyl or tri-tert-butyldiphosphacyclopentadienyl counter ions. Chemical Communications, 2006, , 1003. | 2.2 | 36 |

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| 109 | Bis(2,2â€²,2â€²â€²-nitrilotriethanol)cobalt(II) bis(acetate). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m2429-m2431. | 0.2 | 5 |
| 110 | Manganese complexes of the pentaphenylcyclopentadienyl ligand. Polyhedron, 2006, 25, 1498-1506. | 1.0 | 7 |
| 111 | Facile synthesis of ionic liquids possessing chiral carboxylates. Tetrahedron Letters, 2006, 47, 7367-7370. | 0.7 | 73 |
| 112 | Fused Supracyclopentadienyl Ligand Precursors. Synthesis, Structure, and Some Reactions of 1,3-Diphenylcyclopenta[l]phenanthrene-2-one, 1,2,3-Triphenylcyclopenta[l]phenanthrene-2-ol, 1-Chloro-1,2,3-triphenylcyclopenta[l]phenanthrene, 1-Bromo-1,2,3-triphenylcyclopenta[l]phenanthrene, and 1,2,3-Triphenyl-1H-cyclopenta[l]phenanthrene. Australian Journal of Chemistry, 2006, 59, 135. | 0.5 | 8 |
| 113 | Synthesis and non-linear optical properties of (Î·5-pentaphenylcyclopentadienyl)dicarbonylruthenium(II) Ïƒ-alkenyl complexes. Inorganica Chimica Acta, 2005, 358, 1663-1672. | 1.2 | 7 |
| 114 | Osmium silsesquioxane as model compound and homogeneous catalyst for the dihydroxylation of alkenes. Journal of Molecular Catalysis A, 2004, 220, 37-42. | 4.8 | 37 |
| 115 | X-ray Absorption Spectroscopic Studies of Chromium(V/IV/III)â^' 2-Ethyl-2-hydroxybutanoato(2â^'/1â^') Complexes. Inorganic Chemistry, 2004, 43, 1046-1055. | 1.9 | 35 |
| 116 | The chemistry of cobalt acetate. VIII. New members of the family of oxo-centred trimers, [Co3(Î¼3-O)(Î¼-O2CCH3)5â^'(Î¼-OR) L5]2+ (R=H, alkyl, L=ligand, p=0â€“4). The preparation and characterisation of the trimeric tetrakis(Î¼-acetato)-(Î¼-hydroxo)-Î¼3-oxo-pentakis(pyridine)-tri-cobalt(III) hexafluorophosphate, [Co3(Î¼3-O)(Î¼-O2CCH3)4(Î¼-OH)(C5H5N)5][PF6]2, and the preparation and crystal structure of the trimeric tris(Î¼-acetato)-(Î¼-hydroxo)-(Î¼-methoxo)-Î¼3-oxo-pentakis(pyridine)-tri-cobalt(III) hexafluorophosphateÂ·metha. Polyhedron, 2003, 22, 947-965. | 1.0 | 25 |
| 117 | Chemistry of Cobalt Acetate. 7. Electrochemical Oxidation of Î¼3-Oxo-Centered Cobalt(III) Acetate Trimers. Inorganic Chemistry, 2003, 42, 8366-8370. | 1.9 | 18 |
| 118 | X-ray Crystal Structure of (Î·5-Pentaphenylcyclopentadienyl){1-(Î·5/6-phenyl)-2,3,4,5-tetraphenylcyclopentadienyl}iron(II), [Fe(Î·5-C5Ph5){(Î·5/6-C6H5)C5Ph4}], a Linkage Isomer of Decaphenylferrocene. Inorganic Chemistry, 2002, 41, 4618-4620. | 1.9 | 16 |
| 119 | The synthesis and X-ray structural characterisation of the decaphenylmolybdenocenium cation as its tetrafluoroborate salt. Polyhedron, 2002, 21, 1707-1714. | 1.0 | 4 |
| 120 | Title is missing!. Catalysis Letters, 2001, 75, 159-162. | 1.4 | 31 |
| 121 | Oxidation of adamantane by palladium acetate systems. Inorganica Chimica Acta, 1999, 294, 99-102. | 1.2 | 5 |
| 122 | The Decamethylferrocenium/Decamethylferrocene Redox Couple:Â A Superior Redox Standard to the Ferrocenium/Ferrocene Redox Couple for Studying Solvent Effects on the Thermodynamics of Electron Transfer. Journal of Physical Chemistry B, 1999, 103, 6713-6722. | 1.2 | 571 |
| 123 | The chemistry of cobalt acetateâ€ IV. The isolation and crystal structure of the symmetric cubane, tetrakis[(Î¼-acetato)(Î¼3-oxo) (pyridine)cobalt(III)] Â· chloroform solvate, [Co4(Î¼3-O)4(Î¼-CH3CO2)4(C5H5N)in4] | | |

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| 127 | Developments in Silica-Supported Organometallic Catalysis. , 1997, , 461-494. | | 5 |
| 128 | The Structures of the Decaphenylmetallocenium Cations of Chromium and Cobalt. Australian Journal of Chemistry, 1997, 50, 1035. | 0.5 | 10 |
| 129 | Scanning and energy dispersive EXAFS studies of ethyl transmetallation in an alkene oligomerisation catalyst. Chemical Communications, 1996, , 647. | 2.2 | 14 |
| 130 | The isolation and crystal structure of the powerful Lewis acid, planar tetrakispyridine cobalt(II), [Co(C5H5N)4]2+, as its mixed chloride hexafluorophosphate salt. Polyhedron, 1996, 15, 473-479. | 1.0 | 11 |
| 131 | The chemistry of cobalt acetate: The isolation and crystal structure of the symmetric trimer,hexakis(Î¼-acetato)-Î¼3-oxo-tris(pyridine)tricobalt(III) perchlorate water solvate, [Co3O(CH3CO2)6(C5H5N)3][CiO4]Â·H2O. Polyhedron, 1996, 15, 2141-2150. | 1.0 | 36 |
| 132 | Polyhedron report number 51 Structural systematics in nickel carbonyl cluster anions. Polyhedron, 1995, 14, 339-365. | 1.0 | 29 |
| 133 | Kinetic and rapid scan spectrophotometric studies of the oligomerization of ethene and propene using the catalytic system [Ni(sacsac)P(n-butyl)3CCl]/AlEt2CCl. Polyhedron, 1995, 14, 547-553. | 1.0 | 4 |
| 134 | Nickel carbonyl cluster complexes. Polyhedron, 1995, 14, 829-868. | 1.0 | 32 |
| 135 | The Oligomerization of Dilute Ethylene Streams. Studies in Surface Science and Catalysis, 1994, , 527-532. | 1.5 | 0 |
| 136 | Models of surface-confined metallocene derivatives. Journal of Molecular Catalysis, 1994, 86, 309-318. | 1.2 | 55 |
| 137 | Interconversions of nickel carbonyl cluster anions. Inorganica Chimica Acta, 1993, 213, 49-55. | 1.2 | 7 |
| 138 | Preparation and characterization of iron complexes of the penta-p-tolylcyclopentadienyl and o-tolyltetraphenylcyclopentadienyl ligands. Inorganic Chemistry, 1993, 32, 211-217. | 1.9 | 16 |
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