# John F Corrigan

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 134 papers | 3,352 citations | 136885 32 h-index | 206029 48 g-index |
| 164 all docs | 164 docs citations | 164 times ranked | 2301 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Controlling the Structure, Properties and Surface Reactivity of Clickable Azideâ€Functionalized Au<sub>25</sub>(SR)<sub>18</sub> Nanocluster Platforms Through Regioisomeric Ligand Modifications. Angewandte Chemie - International Edition, 2022, 61, . | 7.2 | 9 |
| 2 | Synthesis and characterization of ITr-protected group 11 metal trimethylsilylchalcogenolates. Canadian Journal of Chemistry, 2021, 99, 173-181. | 0.6 | 0 |
| 3 | Preparation and luminescence properties of a M<sub>16</sub> heterometallic coinage metal chalcogenide cluster. Dalton Transactions, 2020, 49, 593-597. | 1.6 | 4 |
| 4 | Synthesis and Reaction Chemistry of Zincâ€Diarylphosphido Clusters with Phosphorus Precursors. European Journal of Inorganic Chemistry, 2020, 2020, 57-63. | 1.0 | 0 |
| 5 | Tethered Polynuclear Copperâ€“Chalcogenolate Assemblies Enabled via NHC Ligation. Organometallics, 2020, 39, 2900-2906. | 1.1 | 2 |
| 6 | Golden Opportunity: A Clickable Azide-Functionalized [Au<sub>25</sub>(SR)<sub>18</sub>]<sup>â^'</sup> Nanocluster Platform for Interfacial Surface Modifications. Journal of the American Chemical Society, 2019, 141, 11781-11785. | 6.6 | 43 |
| 7 | Highly Electron-Deficient Pyridinium-Nitrones for Rapid and Tunable Inverse-Electron-Demand Strain-Promoted Alkyne-Nitrone Cycloaddition. Organic Letters, 2019, 21, 5547-5551. | 2.4 | 11 |
| 8 | Facile synthesis of a hexanuclear zinc-acetato-trimethylsilylphosphinidene cluster: a single-source precursor to Zn<sub>3</sub>P<sub>2</sub> nanoparticles. Chemical Communications, 2019, 55, 11466-11469. | 2.2 | 5 |
| 9 | Tuning the Metal/Chalcogen Composition in Copper(I)â€“Chalcogenide Clusters with Cyclic (Alkyl)(amino)carbene Ligands. Inorganic Chemistry, 2019, 58, 3338-3348. | 1.9 | 20 |
| 10 | 10. Recent advances in the self-assembly of polynuclear metalâ€“selenium and â€“tellurium compounds from 14â€“16 reagents. , 2019, , 331-382. | | 0 |
| 11 | Recent advances in the self-assembly of polynuclear metalâ€“selenium and â€“tellurium compounds from 14â€“16 reagents. Physical Sciences Reviews, 2019, 4, . | 0.8 | 2 |
| 12 | (Ge<sub>2</sub>P<sub>2</sub>)<sup>2â^'</sup>: a binary analogue of P<sub>4</sub>as a precursor to the ternary cluster anion [Cd<sub>3</sub>(Ge<sub>3</sub>P)<sub>3</sub>]<sup>3â^'</sup>. Chemical Communications, 2018, 54, 1421-1424. | 2.2 | 35 |
| 13 | Crystalline Superlattices of Nanoscopic CdS Molecular Clusters: An X-ray Crystallography and 111Cd SSNMR Spectroscopy Study. Inorganic Chemistry, 2018, 57, 204-217. | 1.9 | 6 |
| 14 | NHC Ligated Group 11 Metal-Arylthiolates Containing an Azide Functionality Amenable to â€œClickâ€• Reaction Chemistry. Inorganic Chemistry, 2018, 57, 11184-11192. | 1.9 | 7 |
| 15 | Luminescent CdSe Superstructures: A Nanocluster Superlattice and a Nanoporous Crystal. Journal of the American Chemical Society, 2017, 139, 1129-1144. | 6.6 | 21 |
| 16 | A N-Heterocyclic Carbene-Stabilized Coinage Metal-Chalcogenide Framework with Tunable Optical Properties. Journal of the American Chemical Society, 2017, 139, 14045-14048. | 6.6 | 62 |
| 17 | Metal Trimethylsilylthiolates for the Synthesis of Trinuclear MnPd<sub>2</sub> Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 973-979. | 0.6 | 2 |
| 18 | ZnII and CdII Ferrocenechalcogenolate Complexes. European Journal of Inorganic Chemistry, 2017, 2017, 372-377. | 1.0 | 2 |

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|---|---|---|---|
| 19 | Stable â€ESiMe<sub>3</sub> Complexes of Cu<sup>I</sup> and Ag<sup>I</sup> (E=S, Se) with NHCs: Synthons in Ternary Nanocluster Assembly. Chemistry - A European Journal, 2016, 22, 4543-4550. | 1.7 | 22 |
| 20 | Facile Preparation of Wurtzite CuInE2 (E = S, Se) Nanoparticles Under Solvothermal Conditions. Inorganic Chemistry, 2016, 55, 10810-10817. | 1.9 | 11 |
| 21 | Large Metal Chalcogenide Clusters and Their Ordered Superstructures via Solvothermal and Ionothermal Syntheses. Structure and Bonding, 2016, , 269-319. | 1.0 | 7 |
| 22 | Silylphosphido complexes of gold(I) coordinated with NHC ligands. Canadian Journal of Chemistry, 2016, 94, 593-598. | 0.6 | 6 |
| 23 | A Controlled Route to a Luminescent 3â€‰d<sup>10</sup>â€“5â€‰d<sup>10</sup> Sulfido Cluster Containing Unique AuCu<sub>2</sub>(Î¼<sub>3</sub>â€S) Motifs. Chemistry - A European Journal, 2016, 22, 18378-18382. | 3.7 | 6 |
| 24 | Enhancing Electrochemiluminescence of Chalcogenide Clusters by Means of Mn Replacement. Electrochimica Acta, 2016, 210, 79-86. | 2.6 | 10 |
| 25 | Coinage metal coordination chemistry of stable primary, secondary and tertiary ferrocenylethyl-based phosphines. Dalton Transactions, 2016, 45, 2868-2880. | 1.6 | 9 |
| 26 | NHC-Stabilized Bis(trimethylsilyl)phosphido Complexes of PdIIand NiII. European Journal of Inorganic Chemistry, 2015, 2015, 3094-3101. | 1.0 | 7 |
| 27 | A Functionalized Ag<sub>2</sub>S Molecular Architecture: Facile Assembly of the Atomically Precise Ferroceneâ€Decorated Nanocluster [Ag<sub>74</sub>S<sub>19</sub>(dppp)<sub>6</sub>(fc(C{O}OCH<sub>2</sub>CH<sub>2</sub>S)<sub>2</sub>)<sub>18</sub> Angewandte Chemie - International Edition, 2015, 54, 4832-4835. | 7.2 | 59 |
| 28 | N-Heterocyclic carbene stabilized Agâ€“P nanoclusters. Chemical Communications, 2015, 51, 665-667. | 2.2 | 14 |
| 29 | Simple but effective: thermally stable Cuâ€“ESiMe<sub>3</sub>via NHC ligation. Chemical Communications, 2015, 51, 8361-8364. | 2.2 | 26 |
| 30 | Controlled Solvothermal Routes to Hierarchical 3D Superparticles of Nanoscopic CdS. Chemistry of Materials, 2015, 27, 3666-3682. | 3.2 | 22 |
| 31 | Polydentate chalcogen reagents for the facile preparation of Pd<sub>2</sub> and Pd<sub>4</sub> complexes. Dalton Transactions, 2015, 44, 8267-8277. | 1.6 | 6 |
| 32 | Enhanced thermal stability of Cuâ€“silylphosphido complexes via NHC ligation. Dalton Transactions, 2015, 44, 14235-14241. | 1.6 | 16 |
| 33 | New Polydentate Trimethylsilyl Chalcogenide Reagents for the Assembly of Polyferrocenyl Architectures. Chemistry - A European Journal, 2014, 20, 7037-7047. | 1.7 | 7 |
| 34 | N-heterocyclic carbenes as effective ligands for the preparation of stabilized copper- and silver-t-butylthiolate clusters. Dalton Transactions, 2014, 43, 2104-2111. | 1.6 | 21 |
| 35 | Nanocluster Isotope Distributions Measured by Electrospray Time-of-Flight Mass Spectrometry. Analytical Chemistry, 2013, 85, 1200-1207. | 3.2 | 13 |
| 36 | Copper Chalcogenide Clusters Stabilized with Ferrocene-Based Diphosphine Ligands. Inorganic Chemistry, 2013, 52, 6798-6805. | 1.9 | 33 |

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|---|---|---|---|
| 37 | A ternary Cuâ€“Snâ€“S cluster complexâ€”(NBu4)[Cu19S28(SnPh)12(PEt2Ph)3]. Dalton Transactions, 2012, 41, 3321. | 1.6 | 18 |
| 38 | Zinc Chalcogenolate Complexes as Precursors to ZnE and Mn/ZnE (E = S, Se) Clusters. Inorganic Chemistry, 2012, 51, 2747-2756. | 1.9 | 30 |
| 39 | New ferrocene based dithiolate ligands. Journal of Organometallic Chemistry, 2012, 703, 16-24. | 0.8 | 7 |
| 40 | N-heterocyclic carbene stabilized copper- and silver-phenylchalcogenolate ring complexes. Dalton Transactions, 2012, 41, 4413. | 1.6 | 21 |
| 41 | A ferrocenylmethylselenolate complex of Ag(i): preparation of the polyferrocenyl cluster [Ag8(SeCH2Fc)8(PPh3)4] from the new silylated reagent FcCH2SeSiMe3. New Journal of Chemistry, 2011, 35, 2013. | 1.4 | 13 |
| 42 | Phase Transitions of Naphthalene and Its Derivatives Confined in Mesoporous Silicas. Journal of Physical Chemistry C, 2011, 115, 4738-4748. | 1.5 | 26 |
| 43 | Aryl(trimethylsilyl)selenides as Reagents for the Synthesis of Mono- and Diselenoesters. Organometallics, 2011, 30, 5943-5952. | 1.1 | 16 |
| 44 | Ferrocenyl Functionalized Silver-Chalcogenide Nanoclusters. Inorganic Chemistry, 2011, 50, 3252-3261. | 1.9 | 24 |
| 45 | Probing the Metal Composition of Ternary 12â€“12â€²â€“16 Nanoclusters via Electrospray Ionization Mass Spectrometry. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1203-1206. | 0.6 | 3 |
| 46 | Ferroceneâ€Based Trimethylsilyl Chalcogenide Reagents for the Assembly of Functionalized Metalâ€“Chalcogen Architectures. Chemistry - A European Journal, 2011, 17, 5890-5902. | 1.7 | 24 |
| 47 | From Molecule to Materials: Crystalline Superlattices of Nanoscopic CdS Clusters. Chemistry - A European Journal, 2011, 17, 14394-14398. | 1.7 | 11 |
| 48 | Metal chalcogenide nanoclusters with â€˜tailoredâ€™ surfaces via â€˜designerâ€™ silylated chalcogen reagents. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 1455-1472. | 1.6 | 27 |
| 49 | A Nanoscopic 3D Polyferrocenyl Assembly: The Triacontakaihexa(ferrocenylmethylthiolate) [Ag<sub>48</sub>(Î¼<sub>4</sub>â€“S)<sub>6</sub>(Î¼<sub>2/3</sub>â€“SCH<sub>2</sub>Fc)<sub>36</sub>]. Angewandte Chemie - International Edition, 2010, 49, 4422-4424. | 7.2 | 50 |
| 50 | Synthesis of cyclopentadienyl ruthenium complexes containing 5-membered N-heterocyclic thiolates. Inorganica Chimica Acta, 2010, 363, 4134-4139. | 1.2 | 8 |
| 51 | Trimethylsilylchalcogenolates of Co(II) and Mn(II): From Mononuclear Coordination Complexes to Clusters Containing â”ESiMe<sub>3</sub> Moieties (E = S, Se). Inorganic Chemistry, 2010, 49, 7289-7297. | 1.9 | 18 |
| 52 | Metal Chalcogenide Clusters on the Border between Molecules and Materials. Advanced Materials, 2009, 21, 1867-1871. | 11.1 | 202 |
| 53 | Phenylene-1,4- and biphenylene-4,4â€²-diselenolate bridged complexes of gold(I). Canadian Journal of Chemistry, 2009, 87, 380-385. | 0.6 | 10 |
| 54 | A molecular precursor approach for the synthesis of composition-controlled ZnxCd1â”xS and ZnxCd1â”xSe nanoparticles. Journal of Materials Chemistry, 2008, 18, 1123. | 6.7 | 18 |

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|---|---|---|---|
| 55 | New reagents for the synthesis of a series of ferrocenoyl functionalized copper and silver chalcogenolate complexes. Dalton Transactions, 2008, , 5048. | 1.6 | 27 |
| 56 | Accessing Binary CdE [E = S, Se, Te] and Ternary CdxZn1-xE [E = S, Se] Materials in Mesoporous Architectures Using Silylated-Chalcogen Reagents. Journal of Physical Chemistry C, 2007, 111, 7319-7329. | 1.5 | 18 |
| 57 | Formation of group 12 [Zn, Cd] mixed-chalcogen nanoparticles from the reagent Me3Si-SeS-SiMe3. Canadian Journal of Chemistry, 2007, 85, 747-755. | 0.6 | 2 |
| 58 | New Copper and Silver Trimethylsilylchalcogenolates. Inorganic Chemistry, 2007, 46, 2478-2484. | 1.9 | 26 |
| 59 | Me<sub>3</sub>Siâ€“SeSâ€“SiMe<sub>3</sub>: A Reagent for the Synthesis of the Mixed Sulfoâ€Selenide Cluster [Cu<sub>84</sub>Se<sub>42â€“x</sub>S<sub>x</sub>(PEt<sub>2</sub>Ph)<sub>24</sub>]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 2135-2137. | 0.6 | 7 |
| 60 | Facile Synthesis of High Nuclearity Silverâ€“Ferrocenyldiselenolate Clusters. Journal of Cluster Science, 2007, 18, 131-140. | 1.7 | 17 |
| 61 | Investigation of the Thermal Properties of a Series of Copper Selenide Cluster Molecules. Journal of Cluster Science, 2007, 18, 157-172. | 1.7 | 14 |
| 62 | Accessing HgSe x S 1â^'x Nanoparticles Using the Single-Source Reagent Me3Siâ€“Seâ€“SiMe3. Journal of Cluster Science, 2007, 18, 764-771. | 1.7 | 7 |
| 63 | Copper tellurolate clusters in trimethylsilylated MCM-41 Â— Preparation and condensation. Canadian Journal of Chemistry, 2006, 84, 196-204. | 0.6 | 3 |
| 64 | Tribute / Hommage. Canadian Journal of Chemistry, 2006, 84, xiii-xvi. | 0.6 | 0 |
| 65 | Characterization of ZnE (E = S, Se, or Te) Materials Synthesized Using Silylated Chalcogen Reagents in Mesoporous MCM-41. Journal of Physical Chemistry B, 2006, 110, 16261-16269. | 1.2 | 12 |
| 66 | Ferrocenyldiselenolate-Stabilized Copperâ^'Selenium Clusters. Inorganic Chemistry, 2006, 45, 9394-9401. | 1.9 | 29 |
| 67 | ZnS and ZnSe Nanoparticles via Solid-State and Solution Thermolysis of Zinc Silylchalcogenolate Complexes. Journal of Cluster Science, 2006, 17, 97-110. | 1.7 | 18 |
| 68 | Control of Metal-Ion Composition in the Synthesis of Ternary II-IIâ€²-VI Nanoparticles by Using a Mixed-Metal Cluster Precursor Approach. Chemistry - A European Journal, 2006, 12, 1547-1554. | 1.7 | 39 |
| 69 | Alk-2-ynyl Trimethylsilyl Chalcogenoethers by Nucleophilic Substitution of Propargyl Bromides. European Journal of Inorganic Chemistry, 2006, 2006, 4616-4620. | 1.0 | 21 |
| 70 | A study of the behaviour of Cu6(TePh)6(PPh2Et)5 and related phosphine (PPh2Et) and phosphine oxide (Ph2EtPO) adsorbed in mesoporous molecular sieves. Microporous and Mesoporous Materials, 2005, 81, 211-216. | 2.2 | 2 |
| 71 | Synthetic Routes to the Encapsulation of IIâ€“VI Semiconductors in Mesoporous Hosts. European Journal of Inorganic Chemistry, 2005, 2005, 4465-4478. | 1.0 | 32 |
| 72 | Synthesis and Characterization of Ib-VI Nanoclusters. ChemInform, 2005, 36, no. | 0.1 | 0 |

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|---|---|---|---|
| 73 | Ferrocenyl-Passivated Nanoclusters:â€‰ Synthesis of [Cu20Se6(Se2fc)4(PR2Râ€˜)10] and [Cu40Se12(Se2fc)8(PPh3)9]. Organometallics, 2005, 24, 788-790. | 1.1 | 30 |
| 74 | Coordination Complexes of Zinc with Reactive ESiMe3(E = S, Se, Te) Ligands. Organometallics, 2005, 24, 3378-3385. | 1.1 | 36 |
| 75 | Controlled Synthesis of Ternary IIâˆ’IIâ€˜âˆ’VI Nanoclusters and the Effects of Metal Ion Distribution on Their Spectral Properties. Inorganic Chemistry, 2005, 44, 5447-5458. | 1.9 | 55 |
| 76 | A Homoleptic Silver-Ferrocenylselenolate: Synthesis and Characterization of [Ag4(fcSe2)3]2-. Journal of Cluster Science, 2004, 15, 225-232. | 1.7 | 14 |
| 77 | Synthesis, characterization and electrochemistry of ferrocenylselenolate bridged palladium(II) and platinum(II) complexes. Journal of Organometallic Chemistry, 2004, 689, 2872-2879. | 0.8 | 24 |
| 78 | Imine-Stabilized Zinc Trimethylsilylchalcogenolates: Powerful Reagents for the Synthesis of II-IIâ€²-VI Nanocluster Materials. Angewandte Chemie - International Edition, 2004, 43, 5355-5357. | 7.2 | 30 |
| 79 | Biphenylene-4,4â€˜-diselenolate as a Molecular Bridge:â€‰ Preparation and Characterization of [PdCl(PnBu3)2Se-C6H4-C6H4-Se-PdCl(PnBu3)2]. Organometallics, 2004, 23, 5648-5651. | 1.1 | 7 |
| 80 | Preparation, Characterization, and Condensation of Copper Tellurolate Clusters in the Pores of Periodic Mesoporous Silica MCM-41. Inorganic Chemistry, 2004, 43, 173-180. | 1.9 | 20 |
| 81 | Molecular nanocluster analogues of CdSe/ZnSe and CdTe/ZnTe core/shell nanoparticles. Journal of Materials Chemistry, 2004, 14, 654. | 6.7 | 44 |
| 82 | Ternary Nanoclusters of CuHgS, CuHgSe, and CuInS.. ChemInform, 2003, 34, no. | 0.1 | 0 |
| 83 | Zinc Chalcogenolate Complexes as Capping Agents in the Synthesis of Ternary IIâˆ’IIâ€˜âˆ’VI Nanoclusters:Â Structure and Photophysical Properties of [(N,Nâ€˜-tmeda)5Zn5Cd11Se13(SePh)6(thf)2]. Journal of the American Chemical Society, 2003, 125, 864-865. | 6.6 | 56 |
| 84 | Functionalizing the surface of IIâ€“VI clusters: redox active centres on the adamantoid complex [Cd4Cl4{Î¼-(SeC5H4)Fe(C5H5)}6]2âˆ’. Chemical Communications, 2003, , 1398-1399. | 2.2 | 23 |
| 85 | Ternary Nanoclusters of CuHgS, CuHgSe, and CuInS. Inorganic Chemistry, 2002, 41, 5693-5698. | 1.9 | 56 |
| 86 | Phosphorus Chemical Shift Tensors of Phosphido Ligands in Ruthenium Carbonyl Compounds:Â31P NMR Spectroscopy of Single-Crystal and Powder Samples and ab Initio Calculations. Journal of the American Chemical Society, 2002, 124, 1541-1552. | 6.6 | 40 |
| 87 | Organoborane-Modified Silica Supports for Olefin Polymerization:Â Soluble Models for Metallocene Catalyst Deactivation. Organometallics, 2002, 21, 1719-1726. | 1.1 | 50 |
| 88 | Triply bridged dicopper-bis(trimethylsilylchalcogenolates): Synthesis and characterization of the series of helical complexes [(Me3SiE-Cu)2(Âµ-Ph2PCCPPh2-Î²2P)3] (E = S, Se, Te). Canadian Journal of Chemistry, 2002, 80, 1592-1599. | 0.6 | 15 |
| 89 | 1,1â€²-Bis(trimethylsilylseleno)ferrocene in cluster synthesis: a redox active surface on a copperâ€“selenide core. Chemical Communications, 2001, , 377-378. | 2.2 | 32 |
| 90 | Trialkylphosphine-Stabilized Copperâˆ’Phenyltellurolate Complexes:â€‰ From Small Molecules to Nanoclusters via Condensation Reactions. Inorganic Chemistry, 2001, 40, 4678-4685. | 1.9 | 33 |

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|---|---|---|---|
| 91 | Main Group and Transition Metal-Selenolate Complexes: Rings to Clusters. Phosphorus, Sulfur and Silicon and the Related Elements, 2001, 168, 99-104. | 0.8 | 3 |
| 92 | Copper Chalcogenolate Complexes as Precursors to Ternary Nanoclusters: Synthesis and Characterization of [Hg15Cu20S25(nPr3P)18]. Angewandte Chemie - International Edition, 2000, 39, 935-937. | 7.2 | 66 |
| 93 | Polynuclear bismuth selenolates: rings en route to clusters. Dalton Transactions RSC, 2000, , 1235-1236. | 2.3 | 17 |
| 94 | Preparation, characterization and condensation of novel metal chalcogenide/MCM-41 complexes. Chemical Communications, 2000, , 1811-1812. | 2.2 | 7 |
| 95 | Synthesis and Characterization of Tris(trialkylphosphine)copper(I)trimethylsilylchalcogenolates. Organometallics, 2000, 19, 5202-5208. | 1.1 | 38 |
| 96 | Copper Chalcogenolate Complexes as Precursors to Ternary Nanoclusters: Synthesis and Characterization of [Hg15Cu20S25(nPr3P)18]. , 2000, 39, 935. | | 2 |
| 97 | Copper-chalcogenide clusters stabilised with linear bidentate phosphine ligands. Journal of the Chemical Society Dalton Transactions, 1998, , 2541-2546. | 1.1 | 34 |
| 98 | Synthesis and Structural Characterization of Two Tetraruthenium Bis(phosphinidene) Clusters with 62- and 64-Electron Counts:Â Ru4(CO)11(Î¼4-PPh)(Î¼4-PNPri2) and Ru4(CO)12(Î¼4-PNPri2)2. Organometallics, 1998, 17, 427-432. | 1.1 | 16 |
| 99 | Polycarbon Ligand Complexes:â€‰ Synthesis, Molecular Structures, and Selected EHMO Studies of Ru4, Ru5, and Ru6 Clusters with Carbon Ligands Derived from Phosphinodiynes. Organometallics, 1998, 17, 2447-2458. | 1.1 | 39 |
| 100 | Mono- and bis-silylated tellurium reagents in silverâ€“telluride cluster synthesis: characterisation of Ag30Te21 and Ag46Te29 complexes. Chemical Communications, 1997, , 1837. | 2.2 | 26 |
| 101 | Reaction of Phosphaalkynes with [Ru4(CO)13(Î¼3-PPh)]:Â Synthesis of Unsymmetrically Capped Bisphosphinidene Complexesâ€. Organometallics, 1997, 16, 5917-5922. | 1.1 | 8 |
| 102 | New Reaction Pathways for Î¼-Î·1,Î·2-Allenyl Ligands:Â Onâ^'Off Allenyl Coordination and CO Insertion into the Hydrocarbyl Bridge in Ru2(CO)6(Î¼-PPh2){Î¼-Î·1,Î·2Î±,Î²-C(Ph)CCPh2}. Organometallics, 1997, 16, 297-300. | 1.1 | 26 |
| 103 | Silver-Tellurolate Polynuclear Complexes: From Isolated Cluster Units to Extended Polymer Chains. Angewandte Chemie International Edition in English, 1997, 36, 1176-1179. | 4.4 | 58 |
| 104 | New Copper Telluride Clusters by Light-Induced Tellurolateâ€“Telluride Conversions. Angewandte Chemie International Edition in English, 1997, 36, 1981-1983. | 4.4 | 48 |
| 105 | Vielkernige Silbertellurolatkomplexe: von isolierten Clustereinheiten zu ausgedehnten, vielkernigen Ketten. Angewandte Chemie, 1997, 109, 1223-1227. | 1.6 | 6 |
| 106 | Phosphorus Monoxide Coordination Chemistry:Â Synthesis and Structural Characterization of Tetranuclear Clusters Containing a PO Ligand. Organometallics, 1996, 15, 2770-2776. | 1.1 | 26 |
| 107 | Synthesis and structural characterisation of new copperâ€“tellurium clusters: TeBun(SiMe3) as a source of RTeâ€“and Te2â€“ligands. Journal of the Chemical Society Dalton Transactions, 1996, , 729-738. | 1.1 | 25 |
| 108 | Butyltellurolate ligands in cluster synthesis: molecular structure of Ag6Te6, Ag32Te25 and Ag48Te36 complexes. Chemical Communications, 1996, , 943. | 2.2 | 28 |

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|---|---|---|---|
| 109 | Synthesis and molecular structure of the paramagnetic Co(II) bis(boryl) complex [Co(PMe3)3(Bcat)2 (cat = 1,2,-O2C6H4). Journal of Organometallic Chemistry, 1996, 513, 273-275. | 0.8 | 75 |
| 110 | Polycarbon ligands: synthesis and characterization of the phosphinodiynes Ph2PCâ‰¡C-Câ‰¡CR (Râ€,=â€,But, Ph,) Tj ETQq0 0 0 rgBT / cobalt carbonyl derivative Ru2(CO)6(Î¼-PPh2)(Î¼-Î·1,Î·2Î±,Î²:-Î¼-Î·2,Î·2Î³,Î´-Câ‰¡C-Câ‰¡CBut)Co2(CO)6. Canadian Journal of Chemistry, 1996, 74, 2349-2362. | 0.6 | 17 |
| 111 | Homometallic and Heterometallic Transition Metal Allenyl Complexes: Synthesis, Structure, and Reactivity. Advances in Organometallic Chemistry, 1995, , 39-130. | 0.5 | 115 |
| 112 | Elastomeric Poly(propylene): Influence of Catalyst Structure and Polymerization Conditions on Polymer Structure and Properties. Macromolecules, 1995, 28, 3771-3778. | 2.2 | 146 |
| 113 | Phosphorus-31 chemical shift tensors of phosphinidene ligands in ruthenium carbonyl cluster compounds: A 31P single-crystal and CP/MAS-NMR study. Journal of the American Chemical Society, 1995, 117, 6961-6969. | 6.6 | 29 |
| 114 | Chemistry of Âµ-Î·1: Î·2Î±,Î²-butadiynyls: chain extension on C4polycarbon ligands. Journal of the Chemical Society Chemical Communications, 1995, , 2165-2166. | 2.0 | 12 |
| 115 | Novel behaviour of dialkylamino-substituted propargylic alcohols in reactions with arene ruthenium(II) complexes. Journal of the Chemical Society Chemical Communications, 1994, , 409. | 2.0 | 19 |
| 116 | Novel Pâ€“O bond forming reactions via coupling of phosphinidene and phosphidoxo groups on a tetranuclear ruthenium cluster: face capping Ph2POPR ligands and the X-ray structure of Ru4(CO)8(Âµ-CO)(Âµ3-Î·2-Cî€‡CBut)[Âµ3-Î·2-PPh2(OPPh)]. Journal of the Chemical Society Chemical Communications, 1994, , 1769-1770. | 2.0 | 3 |
| 117 | A New Allenyl Bonding Mode in Binuclear Complexes: Characterization and Molecular Structures of | | |

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| 127 | Facile and quantitative activation of dihydrogen by the phosphinidene-stabilized ruthenium cluster Ru4(CO)13(.mu.3-PPh): synthesis and spectroscopic and structural characterization of (.mu.-H)2Ru4(CO)12(.mu.3-PPh). Inorganic Chemistry, 1992, 31, 4492-4498. | 1.9 | 19 |
| 128 | Tailored synthesis of hydrocarbon chains via carbon-carbon coupling reactions of diynes and alkynes on the square face of a ruthenium Ru4P cluster. Organometallics, 1992, 11, 3160-3163. | 1.1 | 44 |
| 129 | Reversible formation of ruthenium cluster (.mu.-H)Ru4(CO)10(.mu.-PPh2)[.mu.4-.eta.1(P),.eta.1(P),.eta.1(P),.eta.1,.eta.2-[C6H4]PPh] from the electron-rich cluster Ru4(CO)13(.mu.-PPh2)2: the first example of a molecule with a five-coordinate bis(aryl)phosphido bridge. Journal of the American Chemical Society, 1992, 114, 7557-7558. | 6.6 | 38 |
| 130 | Chemistry on the rhomboidal Ru4 faces of the clusters RU4(CO)13(?-PR2)2: Novel small molecule, ligand, and skeletal transformations. Journal of Cluster Science, 1992, 3, 313-332. | 1.7 | 10 |
| 131 | [Ru4(CO)10(Âµ-CO)(Âµ4-PPh)(Âµ4-Î·2-PhNNPh)]: the first example of an azobenzene molecule coordinated on a square metal face. Journal of the Chemical Society Chemical Communications, 1991, , 1640-1641. | 2.0 | 15 |
| 132 | Synthesis of 62-electron square planar clusters with group 15 and 16 main group atoms: Structural characterization of Ru4(CO)11(Î¼4-PPh)(Î¼4-S) and Ru4(CO)10(Î¼4-PPh)(Î¼4-Se)(PEt3): Bonding preferences in cappingNido Ru4(CO)13(Î¼3-PPh). Journal of Cluster Science, 1991, 2, 131-136. | 1.7 | 12 |
| 133 | Syntheses and Characterizations: 3.1 Semiconductor Nanoparticles. , 0, , 50-185. | | 0 |
| 134 | Controlling the Structure, Properties and Surface Reactivity of Clickable Azideâ€Functionalized Au25(SR)18 Nanocluster Platforms Through Regioisomeric Ligand Modifications. Angewandte Chemie, 0, , . | 1.6 | 0 |