

John Evans

List of Publications by Year in descending order

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160
papers

3,796
citations

117625

34
h-index

189892

50
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173
all docs

173
docs citations

173
times ranked

3021
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-resolved, <i>in situ</i> DRIFTS/EDE/MS studies on alumina supported Rh catalysts: effects of ceriation on the Rh catalysts in the process of CO oxidation. Journal of Lithic Studies, 2017, 3, 13-23.	0.5	5
2	Activation of $[\text{CrCl}_3\{\text{PPh}_2\text{N}(\text{Pr})\text{PPh}_2\}]$ for the selective oligomerisation of ethene: a Cr K-edge XAFS study. Catalysis Science and Technology, 2016, 6, 6237-6246.	4.1	19
3	Dynamic structure elucidation of chemical reactivity by laser pulses and X-ray probes. Dalton Transactions, 2015, 44, 6313-6319.	3.3	4
4	Time-Resolved, In Situ DRIFTS/EDE/MS Studies on Alumina-Supported Rhodium Catalysts: Effects of Ceriation and Zirconiation on Rhodium-CO Interactions. ChemPhysChem, 2014, 15, 3049-3059.	2.1	14
5	Activation of $[\text{CrCl}_3\{\text{R-SN}(\text{H})\text{S-R}\}]$ Catalysts for Selective Trimerization of Ethene: A Freeze-Quench Cr K-Edge XAFS Study. ACS Catalysis, 2014, 4, 4201-4204.	11.2	25
6	Sc(iii) complexes with neutral N ³ - and SNS-donor ligands – a spectroscopic study of the activation of ethene polymerisation catalysts. Dalton Transactions, 2013, 42, 2213-2223.	3.3	18
7	Energy Dispersive XAFS: Characterization of Electronically Excited States of Copper(I) Complexes. Journal of Physical Chemistry B, 2013, 117, 7381-7387.	2.6	48
8	Structural Characterization of Alumina-Supported Rh Catalysts: Effects of Ceriation and Zirconiation by using Metal-Organic Precursors. ChemPhysChem, 2013, 14, 3606-3617.	2.1	25
9	Insights in the mechanism of selective olefin oligomerisation catalysis using stopped-flow freeze-quench techniques: A Mo K-edge QEXAFS study. Journal of Catalysis, 2011, 284, 247-258.	6.2	32
10	Instrumental Techniques for the Investigation of Heterogenised Catalysts: Characterisation and In situ Studies. Catalysis By Metal Complexes, 2010, , 433-448.	0.6	0
11	Structure-performance relationships of Rh and RhPd alloy supported catalysts using combined EDE/DRIFTS/MS. Faraday Discussions, 2008, 138, 287-300.	3.2	26
12	Probing the effects of ligand structure on activity and selectivity of Cr(iii) complexes for ethylene oligomerisation and polymerisation. Dalton Transactions, 2008, , 1177.	3.3	31
13	<i>in situ</i> EXAFS Characterization of Nanoparticulate Catalysts. MRS Bulletin, 2007, 32, 1038-1043.	3.5	27
14	High Energy Resolution Fluorescence Detection X-Ray Absorption Spectroscopy: Detection of Adsorption Sites in Supported Metal Catalysts. AIP Conference Proceedings, 2007, , .	0.4	8
15	Cr K-Edge XANES Spectroscopy: Ligand and Oxidation State Dependence – What is Oxidation State?. AIP Conference Proceedings, 2007, , .	0.4	62
16	In Situ Structure-Function Studies of Oxide Supported Rhodium Catalysts by Combined Energy Dispersive XAFS and DRIFTS Spectroscopies. AIP Conference Proceedings, 2007, , .	0.4	3
17	High-Throughput Structure/Function Screening of Materials and Catalysts with Multiple Spectroscopic Techniques. AIP Conference Proceedings, 2007, , .	0.4	3
18	Identification of the surface species responsible for N ₂ O formation from the chemisorption of NO on Rh/alumina. Physical Chemistry Chemical Physics, 2007, 9, 246-249.	2.8	27

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19	Reversible structural isomerisation in rare thioether complexes of cobalt(ii)â€”effects of ligand architecture. Dalton Transactions, 2007, , 1986-1988.	3.3	6
20	High-Throughput Synthesis and Characterization of BiMoVOX Materials. AIP Conference Proceedings, 2007, , .	0.4	1
21	Time-Resolved X-Ray Absorption Spectroscopy Data for the Study of Chemical Reaction Intermediate States. AIP Conference Proceedings, 2007, , .	0.4	0
22	Comparative Experimental and EXAFS Studies in the Mizorokiâ€”Heck Reaction with Heteroatom-Functionalised N-Heterocyclic Carbene Palladium Catalysts. Chemistry - A European Journal, 2007, 13, 3652-3659.	3.3	43
23	Rhodium Dispersion during NO/CO Conversions. Angewandte Chemie - International Edition, 2007, 46, 5356-5358.	13.8	52
24	Combining diffuse reflectance infrared spectroscopy (DRIFTS), dispersive EXAFS, and mass spectrometry with high time resolution: Potential, limitations, and application to the study of NO interaction with supported Rh catalysts. Catalysis Today, 2007, 126, 64-72.	4.4	72
25	Particle size effects in Rh/Al2O3 catalysts as viewed from a structural, functional, and reactive perspective: the case of the reactive adsorption of NO. Journal of Materials Science, 2007, 42, 3288-3298.	3.7	19
26	Brilliant opportunities across the spectrum. Physical Chemistry Chemical Physics, 2006, 8, 3045.	2.8	13
27	Effects of precursor and support variation in the performance of uranium oxide catalysts for CO oxidation and selective reduction of NO. Journal of Molecular Catalysis A, 2006, 245, 62-68.	4.8	5
28	Identification of CO Adsorption Sites in Supported Pt Catalysts Using High-Energy-Resolution Fluorescence Detection X-ray Spectroscopy. Journal of Physical Chemistry B, 2006, 110, 16162-16164.	2.6	163
29	Rapid Monitoring of the Nature and Interconversion of Supported Catalyst Phases and of Their Influence upon Performance: CO Oxidation to CO2 by Î³-Al2O3 Supported Rh Catalysts. Chemistry - A European Journal, 2006, 12, 1975-1985.	3.3	63
30	Synthesis and Properties of Complexes of Vanadium(V) Oxide Trichloride with Nitrogen- and Oxygen-Donor Ligands. European Journal of Inorganic Chemistry, 2006, 2006, 4391-4398.	2.0	20
31	Studies on Chromium(III) and Vanadium(III) Complexes with Crown Ether and Crown Thioether Coordination â€” Synthesis, Properties and Structural Systematics. European Journal of Inorganic Chemistry, 2006, 2006, 4399-4406.	2.0	30
32	Detectors for energy-dispersive EXAFS (EDE) experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 551, 27-34.	1.6	14
33	Structural investigation of the bridged activated complex in the reaction between hexachloroiridate(iv) and pentacyanocobaltate(ii). Dalton Transactions, 2005, , 3814.	3.3	13
34	Oxidation/reduction kinetics of supported Rh/Rh2O3 nanoparticles in plug flow conditions using dispersive EXAFS. Chemical Communications, 2005, , 118.	4.1	37
35	Effects of Precursor and Support Variation in the Genesis of Uranium Oxide Catalysts for CO Oxidation and Selective Reduction of NO: A Synthesis and Characterization. Journal of Physical Chemistry B, 2005, 109, 2885-2893.	2.6	16
36	In Situ Monitoring of Oxide-Supported Platinum-Group Metal Catalysts by Energy Dispersive EXAFS. Physica Scripta, 2005, , 72.	2.5	2

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37	The Impact of Phase Changes, Alloying and Segregation in Supported RhPd Catalysts during Selective NO Reduction by H ₂ . <i>ChemPhysChem</i> , 2004, 5, 1056-1058.	2.1	23
38	Synchronous, time resolved, diffuse reflectance FT-IR, energy dispersive EXAFS (EDE) and mass spectrometric investigation of the behaviour of Rh catalysts during NO reduction by CO. <i>Chemical Communications</i> , 2004, , 2382.	4.1	88
39	Extended X-ray absorption fine structure (EXAFS) characterisation of the hydroformylation of oct-1-ene by dilute Rh ⁺ Pt ³ catalysts in supercritical carbon dioxide. <i>Chemical Communications</i> , 2004, , 676-677.	4.1	15
40	Extended X-ray absorption fine structure (EXAFS) characterisation of dilute palladium homogeneous catalysts Electronic supplementary information (ESI) available: electronic supplementary data (ESI) available: data includes reaction profile for and structural/statistical data from EXAFS analysis of Pd(OAc) ₂ /PBut ₃ catalysed Heck reaction. See http://www.rsc.org/suppdata/cc/b3/b307535d/ . <i>Chemical Communications</i> , 2003, , 2682.	4.1	24
41	Application of stopped flow techniques and energy dispersive EXAFS for investigation of the reactions of transition metal complexes in solution: Activation of nickel ^{II} -diketonates to form homogeneous catalysts, electron transfer reactions involving iron(III) and oxidative addition to iridium(I). <i>Faraday Discussions</i> , 2003, 122, 211-222.	3.2	23
42	Contrasting dynamic responses of supported Rh nanoparticles to H ₂ S and SO ₂ and subsequent poisoning of NO reduction by H ₂ Electronic supplementary information (ESI) available: EDE spectra. See http://www.rsc.org/suppdata/cc/b3/b304001a/ . <i>Chemical Communications</i> , 2003, , 1906.	4.1	8
43	Energy Dispersive Extended X-ray Absorption Fine Structure, Mass Spectrometric, and Diffuse Reflectance Infrared Studies of the Interaction of Al ₂ O ₃ -Supported RhI(CO) ₂ Cl Species with NO and Re-formation under CO. <i>Journal of Physical Chemistry B</i> , 2002, 106, 4214-4222.	2.6	26
44	Structural characterisation of solution species implicated in the palladium-catalysed Heck reaction by Pd K-edge X-ray absorption spectroscopy: palladium acetate as a catalyst precursor. <i>Dalton Transactions RSC</i> , 2002, , 2207-2212.	2.3	67
45	Particle development and characterisation in Pt(acac) ₂ and Pt(acac) ₂ /GeBu ₄ derived catalysts supported upon porous and mesoporous SiO ₂ : effect of reductive environment, and support structure. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 827-834.	2.8	20
46	Susceptibility of a heterogeneous catalyst, Rh/ ^γ -alumina, to rapid structural change by exposure to NO Electronic supplementary information (ESI) available: data showing monitoring positions in Fig. 2 and data showing reduction of the NO oxidised Rh adduct on alumina. See http://www.rsc.org/suppdata/cc/b1/b106846f/ . <i>Chemical Communications</i> , 2002, , 304-305.	4.1	16
47	Bringing time resolution to EXAFS: recent developments and application to chemical systems. <i>Chemical Society Reviews</i> , 2002, 31, 83-95.	38.1	110
48	Sulfur K-edge X-ray absorption spectroscopy study of the reaction of zinc oxide with hydrogen sulfide. <i>Journal of Materials Chemistry</i> , 2002, 12, 3172-3177.	6.7	13
49	Title is missing!. <i>Angewandte Chemie</i> , 2002, 114, 2699-2701.	2.0	11
50	Rapid Phase Fluxionality as the Determining Factor in Activity and Selectivity of Highly Dispersed, Rh/Al ₂ O ₃ in deNO _x Catalysis. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2587-2589.	13.8	41
51	Towards a structure-activity relationship for oxide supported metals. <i>Journal of Molecular Catalysis A</i> , 2002, 182-183, 351-357.	4.8	10
52	Supported Metallocene Catalysts by Surface Organometallic Chemistry. Synthesis, Characterization, and Reactivity in Ethylene Polymerization of Oxide-Supported Mono- and Biscyclopentadienyl Zirconium Alkyl Complexes: Establishment of Structure/Reactivity Relationships. <i>Journal of the American Chemical Society</i> , 2001, 123, 3520-3540.	13.7	180
53	A comparative scanning tunnelling microscopy study of the adsorption of [RhI(CO) ₂ Cl] ₂ on the (1 $\bar{1}$ -1) and (1 $\bar{1}$ -2) surfaces of TiO ₂ [110]. <i>Surface Science</i> , 2001, 487, 223-230.	1.9	14
54	In situ, time resolved, and simultaneous multi-edge determination of local order change during reduction of supported bimetallic (Pt-Ge) catalyst precursors using energy dispersive EXAFS. <i>Chemical Communications</i> , 2001, , 445-446.	4.1	23

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55	Simultaneous Determination of Structural and Kinetic Parameters Characterizing the Interconversion of Highly Dispersed Species: the Interaction of NO with RhI(CO) ₂ / β -Al ₂ O ₃ . Journal of Physical Chemistry A, 2001, 105, 5965-5970.	2.5	36
56	A Comparative Study of Methodologies for the Incorporation of Ge into H ₂ SiO ₂ -Supported, Pt(Acac) ₂ -Derived, Pt-Ge Catalysts and the Effect of Internal Oxide Structure on Particle Morphology and CO Adsorption. Journal of Physical Chemistry B, 2001, 105, 5244-5252.	2.6	3
57	Synthesis, Characterisation and Chemistry of Transition Metals in Mesoporous Silica. Studies in Surface Science and Catalysis, 2001, , 667-672.	1.5	2
58	A comparison of the chemistry of RhI(acac)(CO) ₂ and RhI(CO) ₂ Cl adsorbed on TiO ₂ [110]: development of particulate Rh and oxidative disruption by CO. Surface Science, 2000, 462, 169-180.	1.9	31
59	Room temperature formation of rhodium nanoparticles on TiO ₂ [110] via MetalOrganic Chemical-Vapour Deposition (MOCVD) of [Rh(CO) ₂ Cl] ₂ . Chemical Communications, 2000, , 1677-1678.	4.1	12
60	Substrate-Mediated Oxidation of Carbon Residues by TiO ₂ {110}-Supported Model Catalysts: Metal-, Precursor-, and Treatment-Dependent Labilization of Framework Oxygen. Journal of Physical Chemistry B, 2000, 104, 8548-8553.	2.6	7
61	High-quality energy-dispersive XAFS on the 1 s timescale applied to electrochemical and catalyst systems. Journal of Synchrotron Radiation, 1999, 6, 381-383.	2.4	21
62	In situ energy dispersive EXAFS (EDE) of low loaded Pt(acac) ₂ /H ₂ SiO ₂ catalyst precursors on a timescale of seconds and below. Chemical Communications, 1999, , 851-852.	4.1	38
63	Preparation, Characterization, and Performance of Tripodal Polyphosphine Rhodium Catalysts Immobilized on Silica via Hydrogen Bonding. Journal of the American Chemical Society, 1999, 121, 5961-5971.	13.7	137
64	Judith Corker, 1967-1998. Journal of Synchrotron Radiation, 1998, 5, 1324-1325.	2.4	0
65	Tilden lecture: shining light on metal catalysts. Chemical Society Reviews, 1997, 26, 11.	38.1	17
66	Applications of extended X-ray absorption fine structure spectroscopy to the study of polyoxometalates. Journal of the Chemical Society Dalton Transactions, 1996, , 2951.	1.1	17
67	Adsorption and thermal decomposition of Mo(CO) ₆ on TiO ₂ (110). Journal of the Chemical Society, Faraday Transactions, 1996, 92, 4733.	1.7	20
68	Structural studies of polyoxometalate-anion-pillared layered double hydroxides. Journal of the Chemical Society Dalton Transactions, 1996, , 2963.	1.1	44
69	Synthesis and Properties of the Transition Metal Complexes of a Tertiary Stibine, 1,1,1-Tris((diphenylstibino)methyl)ethane. Structure of fac-[Mo(CO) ₃ {MeC(CH ₂ SbPh ₂) ₃ }]. Organometallics, 1996, 15, 1280-1283.	2.3	19
70	Metal clusters: a personal perspective. Journal of the Chemical Society Dalton Transactions, 1996, , 555.	1.1	4
71	Scanning and energy dispersive EXAFS studies of ethyl transmetalation in an alkene oligomerisation catalyst. Chemical Communications, 1996, , 647.	4.1	14
72	In situ sulfur K-edge X-ray absorption spectroscopy of the reaction of zinc oxide with hydrogen sulfide. Chemical Communications, 1996, , 1431.	4.1	12

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73	The synthesis of palladium-gold and platinum-gold bimetallic complexes based upon bis(diphenylarsino)methane: Crystal structure of trans-[Pd($\frac{1}{4}$ -Ph ₂ AsCH ₂ AsPh ₂ AuCl) ₂ Cl ₂] \cdot xCH ₂ Cl ₂ . Polyhedron, 1996, 15, 591-596.	2.2	15
74	The synthesis of palladium-gold and platinum-gold bimetallic complexes based upon tripod tridentate phosphine and arsine ligands. Polyhedron, 1996, 15, 1309-1314.	2.2	5
75	Photochemical C-Sb Bond Fission in a Palladium-Distibine Complex, Synthesis and Structure of [Pd(μ -Ph ₂ SbCH ₂ SbPh ₂) ₂ Cl ₂ Ph ₂]. Organometallics, 1995, 14, 1522-1524.	2.3	17
76	Structural characterisation of solution species implicated in the rhodium-catalysed carbonylation of methanol by Rh K-edge X-ray absorption spectroscopy. Journal of the Chemical Society Dalton Transactions, 1995, , 3089.	1.1	5
77	The chemistry of rhodium on TiO ₂ (110) deposited by MOCVD of [Rh(CO)Cl] ₂ and MVD. Surface Science, 1994, 301, 61-82.	1.9	56
78	Synthesis and spectroscopic studies of palladium and platinum complexes of methylene-backboned dithio-, diseleno- and ditelluro-ether ligands, RECH ₂ ER (R = Me or Ph; E = S, Se or Te). Journal of the Chemical Society Dalton Transactions, 1994, , 2835.	1.1	23
79	Liquid-phase Cu(acac) ₂ /ZnEt ₂ syngas conversion catalysts: investigations by copper and zinc K-edge EXAFS. Journal of the Chemical Society Chemical Communications, 1994, , 1027.	2.0	11
80	Highly active homogeneous nickel catalysts for alkene dimerisation: crystal structure of [Ni(η -3-C ₃ H ₅)(PPh ₃)Br] and in situ characterisation of AlEt ₃ -activated [Ni(η -3-C ₃ H ₅)(PPh ₃)Br] by nuclear magnetic resonance and extended X-ray absorption fine structure spectroscopy. Journal of the Chemical Society Dalton Transactions, 1994, , 1337-1347.	1.1	9
81	In situ NMR and EXAFS studies of the homogeneous alkene oligomerisation catalyst Ni(cod) ₂ \cdot Ph ₂ PCH ₂ C(CF ₃) ₂ OH. Journal of the Chemical Society Chemical Communications, 1993, , 1246-1248.	2.0	5
82	Nickel K-edge extended X-ray absorption fine structure studies of bis(diamine) nickel-(II) and -(III) complexes. Journal of the Chemical Society Dalton Transactions, 1992, , 1497.	1.1	3
83	Adsorbate induced phase changes of rhodium on TiO ₂ (110). Surface Science, 1992, 279, L159-L164.	1.9	40
84	Rhodium geminal dicarbonyl on TiO ₂ (110). Journal of the American Chemical Society, 1992, 114, 6912-6913.	13.7	33
85	Adsorbate induced phase changes of rhodium on TiO ₂ (110). Surface Science Letters, 1992, 279, L159-L164.	0.1	1
86	EXAFS studies of the activation of homogeneous nickel catalysts for propene dimerisation by aluminium reagents. Journal of the Chemical Society Chemical Communications, 1991, , 1104.	2.0	15
87	Synthesis of pentanuclear clusters derived from [Ru ₃ RhH ₂ (CO) ₁₀ (PPh ₃)(μ -COMe)]. Crystal structures of [Ru ₃ Rh ₂ H ₂ (CO) ₁₂ (PPh ₃) ₂] and [Ru ₃ RhAuH(CO) ₁₀ (PPh ₃) ₂ (μ -3-COMe)]. Journal of the Chemical Society Dalton Transactions, 1991, , 1017-1023.	1.1	12
88	Synthesis of triruthenium-rhodium tetranuclear clusters derived from [Ru ₃ H ₃ (CO) ₉ (μ -3-COMe)]. Crystal structure of [N(PPh ₃) ₂][Ru ₃ RhH ₂ (CO) ₁₁ (PPh ₃)] \cdot 0.6C ₅ H ₁₂ . Journal of the Chemical Society Dalton Transactions, 1991, , 2027-2037.	1.1	7
89	Nickel-(II), -(III) and -(IV) complexes of 1,2-bis(dimethylarsino)tetrafluorobenzene and X-ray crystallographic and extended X-ray absorption fine structure studies of nickel-(III) and -(IV) bromo complexes. Journal of the Chemical Society Dalton Transactions, 1991, , 2039.	1.1	11
90	EXAFS studies of the formation of chromia pillared clay catalysts. Inorganic Chemistry, 1991, 30, 1-2.	4.0	40

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91	Five-coordinate nickel(III) phosphines: spectroscopic and EXAFS studies. <i>Inorganic Chemistry</i> , 1991, 30, 331-334.	4.0	19
92	Study of the XANES modeling of molybdenum compounds. <i>Journal of the American Chemical Society</i> , 1991, 113, 3737-3742.	13.7	9
93	Reactivity of $[\text{Ru}_3\text{H}_2(\text{CO})_9(\mu_3\text{-COMe})\{\text{M}(\text{PPh}_3)\}]$ (M = Cu, Ag or Au) and $[\text{Ru}_3\text{H}(\text{CO})_9(\mu_3\text{-PPh})\{\text{Ag}(\text{PPh}_3)\}]$ with PPh ₃ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 1351-1354.	1.1	3
94	L-edge studies on molybdenum. <i>The Journal of Physical Chemistry</i> , 1991, 95, 9673-9676.	2.9	34
95	Nickel K-edge extended X-ray absorption fine structure studies of tris(diamine) complexes of nickel(II) and their halogen oxidation products. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 3691.	1.1	2
96	Iodine-127 nuclear magnetic resonance spectra of transition-metal periodate complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 2307.	1.1	21
97	Characterisation of oxide-supported alkene conversion catalysts using X-ray absorption spectroscopy. <i>Faraday Discussions of the Chemical Society</i> , 1990, 89, 107.	2.2	21
98	EXAFS infrared and kinetic studies on a ruthenium carbonyl hydroformylation system. <i>Journal of Organometallic Chemistry</i> , 1989, 372, 61-66.	1.8	17
99	Strukturelle Charakterisierung von kolloidalem Platin durch hochauflösende Elektronenmikroskopie und EXAFS-Analyse. <i>Angewandte Chemie</i> , 1989, 101, 610-613.	2.0	16
100	A Joint Structural Characterization of Colloidal Platinum by EXAFS and High-Resolution Electron Microscopy. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 590-593.	4.4	41
101	Amperometric sensor for carbon dioxide: design, characteristics, and performance. <i>Analytical Chemistry</i> , 1989, 61, 577-580.	6.5	29
102	Characterization of supported rhodium and ruthenium carbonyl clusters by EXAFS spectroscopy. <i>Organometallics</i> , 1989, 8, 613-620.	2.3	36
103	Heterometallic clusters of ruthenium and the group 11 elements (copper, silver, and gold) containing a COMe ligand. X-ray structure of $\text{H}_2\text{Ru}_3(\text{CO})_8\text{PPh}_3(\mu_3\text{-COMe})(\text{CuPPh}_3)$. <i>Organometallics</i> , 1989, 8, 1270-1275.	2.3	17
104	Bond angle determination at metal coordination centres by E.X.A.F.S.. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 181.	2.0	14
105	Cluster synthesis using a methoxymethylidyne template. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 1029.	2.0	9
106	Characterization of nickel(II)-nickel(IV) linear chain compounds by nickel and chlorine K-edge EXAFS. <i>Inorganic Chemistry</i> , 1988, 27, 4521-4523.	4.0	10
107	Synthesis, characterisation, and catalytic activity of a phosphinidene stabilised tethered triruthenium cluster. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 2649.	1.1	2
108	Reaction of Organometallics with Surfaces of Metal Oxides. , 1988, , 47-73.		2

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109	EXAFS and near-edge structure in the cobalt K-edge absorption spectra of metal carbonyl complexes. <i>Journal of the American Chemical Society</i> , 1987, 109, 3669-3676.	13.7	64
110	An EXAFS study of the structure of Fe ₃ (CO) ₁₂ in solution. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 1330.	2.0	13
111	Synthesis and structural characterisation of the hexanuclear, bimetallic, ladder-like cluster HRu ₅ Cu(CO) ₁₈ PPh ₃ . <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 637.	2.0	4
112	On the chemisorption of [Ru ₃ (CO) ₁₂] and [Os ₃ (CO) ₁₂] on silica and alumina. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 395.	2.0	18
113	Reactivity and catalytic activity of heteronuclear clusters. 1. Fluxional decapping of the heterometallic moiety in H ₃ Ru ₄ (CO) ₁₂ MPR ₃ (M = Au, Cu) and the crystal structure of H ₃ Ru ₄ (CO) ₁₂ AuPPh ₃ . <i>Organometallics</i> , 1987, 6, 794-798.	2.3	17
114	Characterization of oxide supported metal carbonyl clusters. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1987, 43, 1511-1514.	0.1	6
115	Synthesis and characterisation of a phosphido-bridged ruthenium cluster: crystal and molecular structure of [Ru ₅ C(μ-H)(μ-PPh ₂)(CO) ₁₃]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1986, , 2149-2153.	1.1	4
116	Spectroscopic studies on adsorbed metal carbonyls. Part 3. Interaction of [Os ₃ (CO) ₁₂] with silica, alumina, and titania. <i>Journal of the Chemical Society Dalton Transactions</i> , 1986, , 7.	1.1	24
117	Solid state ³¹ P n.m.r. spectroscopy of surface-attached triosmium clusters. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 938.	2.0	13
118	Pyrolysis products of ligand-supported triosmium clusters. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 1103.	2.0	3
119	Activation of a ruthenium cluster by a gold centre. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 39.	2.0	27
120	Structure and dynamics of [Rh ₄ (CO) ₉ (SCH ₂ SCH ₂ SCH ₂)]: a fluxional butterfly. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 1344.	2.0	11
121	Spectroscopic studies on adsorbed metal carbonyls. Part 2. Interaction of [Ru ₃ (CO) ₁₂] with silica, titania, and alumina. <i>Journal of the Chemical Society Dalton Transactions</i> , 1984, , 1123.	1.1	35
122	Spectroscopic studies on adsorbed metal carbonyls. Part 1. Interaction of [Rh ₄ (CO) ₁₂] and [Rh ₆ (CO) ₁₆] with alumina, silica, and titania. <i>Journal of the Chemical Society Dalton Transactions</i> , 1984, , 587.	1.1	18
123	Internuclear migration of a bridging phosphido ligand. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 1332.	2.0	2
124	Vibrational studies of the cluster carbonyls of ruthenium and osmium. Part 2. Single-crystal Raman and infrared data for [Ru ₃ (CO) ₁₂] in the CO stretching region. <i>Journal of the Chemical Society Dalton Transactions</i> , 1984, , 155.	1.1	11
125	Spectroscopic studies on C ₂ hydrocarbon fragments. Part 2. Vibrational group frequencies and carbon-13 nuclear magnetic resonance chemical shifts of cluster-bound C ₂ H _n (n= 1-4) fragments. <i>Journal of the Chemical Society Dalton Transactions</i> , 1984, , 79-85.	1.1	46
126	Characterisation of supported trinuclear osmium clusters by extended X-ray absorption fine structure (EXAFS) spectroscopy. <i>Journal of the Chemical Society Chemical Communications</i> , 1983, , 1287.	2.0	19

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127	Standardised tethering of Ru ³⁺ –Ru ₆ clusters to high surface area oxides. Journal of the Chemical Society Chemical Communications, 1983, , 247-249.	2.0	10
128	Skeletal characterisation of high nuclearity osmium carbonyl clusters by extended X-ray absorption fine structure (EXAFS) spectroscopy. Journal of the Chemical Society Chemical Communications, 1983, , 777.	2.0	9
129	Tethering of a phosphinidene stabilised cluster to oxide supports. Journal of the Chemical Society Chemical Communications, 1983, , 713.	2.0	8
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