

R John Errington

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81
papers

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85
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2,323
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L-index

#	Paper	IF	Citations
81	Transition Metal Complexes Incorporating Atoms of the Heavier Main-Group Elements. <i>Advances in Organometallic Chemistry</i> , 1990 , 91-182	3.8	122
80	Functionalisation of [Mo ₆ O ₁₉] ²⁻ with aromatic amines: synthesis and structure of a hexamolybdate building block with linear difunctionality. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 455-456		108
79	Large-ring and cyclometalated rhodium complexes from some medium-chain .alpha.,.omega.-diphosphines. <i>Journal of the American Chemical Society</i> , 1980 , 102, 4373-4379	16.4	98
78	Covalent immobilization of a TiW ₅ polyoxometalate on derivatized silicon surfaces. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 1254-7	16.4	88
77	Polymerization of Ethylene by the Electrophilic Mixed Cyclopentadienylpyridylalkoxide Complexes [Cp _M {NC ₅ H ₄ (CR ₂ O)- ₂ }Cl ₂] (M = Ti, Zr, R = Ph, Pri). <i>Organometallics</i> , 1998 , 17, 3408-3410	3.8	77
76	Rapid reversible fission of a C≡ bond in a metal complex: X-ray crystal structure of [RhHCl(But ₂ PCH ₂ CH ₂ CHCH ₂ CH ₂ PBut ₂)]. <i>Journal of the Chemical Society Chemical Communications</i> , 1979 , 498-499		77
75	Transition metal-carbon bonds. Part 52. Large ring and cyclometallated complexes formed from But ₂ PCH ₂ CH ₂ CHRCH ₂ CH ₂ PBut ₂ (R = H or Me) and IrCl ₃ , or [Ir ₂ Cl ₄ (cyclo-octene) ₄]: crystal structures of the cyclometallated hydride, [IrHCl(But ₂ PCH ₂ CH ₂ CHCH ₂ CH ₂ PBut ₂)], and the carbene complex [IrCl(But ₂ PCH ₂ CH ₂ CCH ₂ CH ₂ PBut ₂)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1982 , 1217-1224		71
74	β-diketonate derivatives of titanium alkoxides: X-ray crystal structures and solution dynamics of the binuclear complexes [(Ti(OR) ₃ (dik)) ₂]. <i>Polyhedron</i> , 1998 , 17, 659-674	2.7	68
73	Structural studies on phenyl bismuth halides and halogenoanions. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992 , 1967		64
72	Synthesis and reactivity of the methoxozirconium pentatungstate (nBu ₄ N) ₆ {(μ-MeO)ZrW ₅ O ₁₈ } ₂ : insights into proton-transfer reactions, solution dynamics, and assembly of {ZrW ₅ O ₁₈ } ₂ - building blocks. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12181-96	16.4	62
71	Dimeric Aluminum Chloride Complexes of N-Alkoxyalkyl-β-ketoimines: Activation with Propylene Oxide To Form Efficient Lactide Polymerization Catalysts. <i>Organometallics</i> , 2004 , 23, 2382-2388	3.8	62
70	Alkoxide hydrolysis as a route to early transition-metal polyoxometalates: synthesis and crystal structures of heteronuclear hexametallate derivatives. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996 , 681		58
69	Transition metal-carbon bonds. Part 54. Complexes of palladium, platinum, rhodium, and iridium with But ₂ PCH ₂ CHMe(CH ₂) ₃ PBut ₂ . Crystal structures of [PdCl(But ₂ PCH ₂ CHMeCHCH ₂ CH ₂ PBut ₂)] and [IrH(Cl)(But ₂ PCH ₂ CHMeCHCH ₂ CH ₂ PBut ₂)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 1009-1017		47
68	Structural studies on phenyl bismuth halides and halogenoanions. Part 2. X-Ray crystal structures of [BiPhCl ₂ (thf)] (thf = tetrahydrofuran), [NBun ₄] ₂ [Bi ₂ Ph ₂ Br ₆] and [NEt ₄][BiPh ₂ I ₂]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 637		45
67	X-ray crystal structure of bismuth dimethylamide. <i>Inorganic Chemistry</i> , 1991 , 30, 4680-4682	5.1	43
66	A Phosphine Complex of Bismuth(III): X-ray Crystal Structure of [PMe ₃ H][Bi ₂ Br ₇ (PMe ₃) ₂]. <i>Chemische Berichte</i> , 1991 , 124, 2457-2459		41
65	Solid state and solution studies of tungsten(VI) oxotetraalkoxides. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992 , 1431		40

- 64 N-Alkoxy-ketoiminate Complexes of Groups 4 and 5: Synthesis and Characterization of the Complexes $[(\text{E}-\text{C}_5\text{H}_4\text{R})\text{M}\{\text{CH}_3\text{C}(\text{O})\text{CHC}(\text{NCH}_2\text{CHR})\text{CH}_3\}\text{Cl}_n]$ (M = Ti, n = 1; M = Nb, n = 2; R = H, Me; R' = H, Me), $[\text{Ti}\{\text{CH}_3\text{C}(\text{O})\text{CHC}(\text{NCH}_2\text{CHR})\text{CH}_3\}\text{Cl}_2(\text{thf})]$, and $[\text{Ti}\{\text{CH}_3\text{C}(\text{O})\text{CHC}(\text{NCH}_2\text{CHR})\text{CH}_3\}_2]$. *Organometallics*, **1999**, 18, 1018-1029 3.8 39
- 63 Synthesis and X-ray crystal structure of a homoleptic bismuth amide. *Polyhedron*, **1989**, 8, 1579-1580 2.7 38
- 62 17O NMR chemical shifts in oxometalates: from the simplest monometallic species to mixed-metal polyoxometalates. *Chemical Science*, **2014**, 5, 2031 9.4 37
- 61 Further studies on the interconversion of large ring and cyclometallated complexes of rhodium, with the diphosphines But₂P(CH₂)₅PBut₂ and But₂PCH₂CHCHCH₂PBut₂. *Journal of the Chemical Society Dalton Transactions*, **1982**, 387-395 32
- 60 Non-aqueous synthetic methodology for TiW(5) polyoxometalates: protonolysis of $[(\text{MeO})\text{TiW}(5)\text{O}(18)](3-)$ with alcohols, water and phenols. *Dalton Transactions*, **2007**, 5211-22 4.3 30
- 59 Tetrahydrofuran Adducts of Bismuth Trichloride and Bismuth Tribromide. *Inorganic Chemistry*, **1996**, 35, 3709-3712 5.1 29
- 58 Extending the Lindqvist Family to Late 3d Transition Metals: A Rational Entry to CoW₅ Hexametalate Chemistry. *European Journal of Inorganic Chemistry*, **2009**, 2009, 5240-5246 2.3 25
- 57 Synthesis and structural characterisation of some cyclopentadienylironbismuth complexes. *Journal of the Chemical Society Dalton Transactions*, **1988**, 1671-1678 25
- 56 Square and butterfly, 12-electron molybdenum (Mo₄) clusters formed by coupling molybdenum-molybdenum triple bonds. *Journal of the American Chemical Society*, **1982**, 104, 2025-2027^{16.4} 24
- 55 Rational addition of capping groups to the phosphomolybdate Keggin anion $[\text{PMo}_{12}\text{O}_{40}](3-)$ by mild, non-aqueous reductive aggregation. *Chemical Communications*, **2012**, 48, 2779-81 5.8 23
- 54 Synthesis and Structure of the Alkoxido-Titanium Pentamolybdate $(\text{nBu}_4\text{N})_3[(\text{iPrO})\text{TiMo}_5\text{O}_{18}]$: An Entry into Systematic TiMo₅ Reactivity. *Journal of Cluster Science*, **2010**, 21, 503-514 3 23
- 53 Synthetic and structural studies on bismuth(III) thiocyanate and selenocyanate complexes. *Journal of the Chemical Society Dalton Transactions*, **1994**, 1327 23
- 52 Synthesis and X-ray crystal structure of a dimolybdenum complex featuring a transverse-bridging, four-electron-donor dibismuth ligand; $[\text{Mo}_2(\text{CO})_4(\text{HC}_5\text{H}_4\text{Me})_2(\text{H}_2\text{-Bi}_2)]$. *Polyhedron*, **1988**, 7, 2239-2241 2.7 23
- 51 Why Does Nb(V) Show Higher Heterolytic Pathway Selectivity Than Ti(IV) in Epoxidation with H₂O₂? Answers from Model Studies on Nb- and Ti-Substituted Lindqvist Tungstates. *ACS Catalysis*, **2019**, 9, 6262-6275 13.1 22
- 50 The preparation of fluxional tetrahydrides, (R ? H or Me) and their reactions with CO, ButNC or HBr. *Journal of Organometallic Chemistry*, **1982**, 238, 319-325 2.3 22
- 49 Protonolysis of $[(\text{iPrO})\text{TiMo}_5\text{O}_{18}]^{3-}$: access to a family of TiMo₅ Lindqvist type polyoxometalates. *Dalton Transactions*, **2012**, 41, 971-81 4.3 21
- 48 Synthetic and structural studies on organomolybdenum and organotungsten complexes containing bismuth. X-Ray crystal structures of $[\text{BiCl}\{\text{Mo}(\text{CO})_3(\text{HC}_5\text{H}_5)\}_2]$ and $[\text{BiCl}\{\text{Mo}(\text{CO})_2(\text{CNBu})_2(\text{HC}_5\text{H}_5)\}_2]$. *Journal of the Chemical Society Dalton Transactions*, **1988**, 2941-2951 21
- 47 Organophosphonate derivatives of titanium and niobium alkoxoanions Dedicated to Professor Ken Wade on the occasion of his 65th birthday, in appreciation of his friendly help and advice over the years.1. *Journal of Organometallic Chemistry*, **1998**, 550, 473-476 2.3 20

- 46 Direct Bromination of Keggin Fragments To Give $[PW_5O_{13}Br]$: A Polyoxotungstate with a Hexabrominated Face. *Angewandte Chemie - International Edition*, **2000**, 39, 3884-3886 16.4 20
- 45 Synthesis and characterisation of binuclear and trinuclear organoimido complexes of tungsten(VI) and -(V) and a binuclear tungsten(V) oxoanion. X-Ray crystal structures of $[WCl_4(NEt)_2]_2$, $[P(CH_2Ph)_3][W_3Cl_7(NBu)_3(\mu-NPh)_3]$, $[P(CH_2Ph)_3][W_2Cl_7(NR)_2]$ (R = Et or Ph), and $[P(CH_2Ph)_3][W_2O_2Cl_7]$. *Journal of the Chemical Society Dalton Transactions*, **1990**, 1043-1051 20
- 44 Structure of $BiBr_2Ph$: a solid-state architecture involving secondary bonding and π -interactions. *Journal of Materials Chemistry*, **1994**, 4, 891-893 19
- 43 Synthesis and x-ray crystal structure of $[{(C_5H_4Me)Fe(CO)_2}_2BiCl]_3$: A compound containing a planar six-membered Bi_3Cl_3 ring. *Polyhedron*, **1987**, 6, 2031-2033 2.7 19
- 42 Structural studies on organotransition-metal bismuth complexes. *Journal of the Chemical Society Dalton Transactions*, **1992**, 193-201 17
- 41 Dibismuth as a four-electron donor ligand. Synthesis and molecular and electronic structure of $[M_2(CO)_4(\mu-C_5H_4Me)_2(\mu-Bi_2)]$ (M = Mo or W). *Journal of the Chemical Society Dalton Transactions*, **1991**, 2887-2895 17
- 40 Tetranuclear halide-alkoxide clusters of molybdenum formed by the coupling of M-M triple-bonded dinuclear compounds. Synthesis, characterization, and molecular structures of $Mo_4F_2(O\text{-iso-Pr})_{10}$, $Mo_4X_3(O\text{-iso-Pr})_9$, and $Mo_4X_4(O\text{-iso-Pr})_8$ (X = chloride, bromide, iodide). *Inorganic Chemistry*, **1988**, 27, 2071-2084 5.1 17
- 39 A novel dimeric organoimido tungsten(VI) compound. X-ray crystal and molecular structure of $[W(NBu\text{-tert.})(\mu-NPh)Cl_2(\text{tert.-BNH}_2)]_2$. *Polyhedron*, **1983**, 2, 843-847 2.7 17
- 38 Bismuth complexes containing $Mn(CO)_5$ and $Re(CO)_5$ fragments. Synthetic studies and structural characterisation by solid- and solution-state extended X-ray absorption fine structure spectroscopy. *Journal of the Chemical Society Dalton Transactions*, **1991**, 669 16
- 37 Preparation and characterisation of mononuclear organoimido complexes of tungsten: X-ray crystal structures of $[WCl_4(NC_6H_4Me\text{-p})(thf)]$, $[P(CH_2Ph)_3][WCl_5(NC_6H_4Me\text{-p})]$, and $[WCl_2(NPh)_2(bipy)]$. *Journal of the Chemical Society Dalton Transactions*, **1987**, 2067 16
- 36 Covalent Immobilization of a TiW_5 Polyoxometalate on Derivatized Silicon Surfaces. *Angewandte Chemie*, **2005**, 117, 1280-1283 3.6 15
- 35 Non-aqueous routes to a new polyoxotungstate. *Journal of the Chemical Society Chemical Communications*, **1993**, 649 15
- 34 Bis(organoimido)-complexes of tungsten(IV): the crystal and molecular structures of tetrachlorobis(t-butylamine)bis(t-butylimido)bis(μ -p-tolyylimido)-ditungsten(VI) and tetrachlorobis(μ -phenylimido)-bis(t-butylamine) bis(t-butylimido)ditungsten(VI). *Journal of the Chemical Society Dalton Transactions*, **1997**, 2059-2065 15
- 33 A new tetratungstate, $[W_4O_4Cl_{10}(NBu)_4]_2$ and its degradation to the mononuclear complex $[WOCl_2(NBu)(bipy)]$ or $[WCl_2(NBu)_2(bipy)]$ (bipy = 2,2'-bipyridine). *Journal of the Chemical Society Dalton Transactions*, **1993**, 1965-1971 14
- 32 Anionic, four-coordinate, 10-electron bismuth complexes. *Polyhedron*, **1991**, 10, 123-126 2.7 14
- 31 Edge-shared, bioctahedral, bismuth phosphine complexes. *Journal of the Chemical Society Dalton Transactions*, **1992**, 1753 14
- 30 Anionic, four-co-ordinate, ten-electron bismuth complexes: aspects of synthesis, structure and bonding. *Journal of the Chemical Society Dalton Transactions*, **1992**, 3515 14
- 29 X-ray crystal structure of $[WCl_3(PMe_2Ph)_2]_2[\mu_2-NC_6H_4N\text{-1,4}]$. The first structural characterization of a binuclear complex containing a 1,4-phenylenediimido bridge. *Polyhedron*, **1992**, 11, 381-384 2.7 14

28	Alkyl and aryl dimetalla-bismuthine complexes. <i>Journal of Organometallic Chemistry</i> , 1990 , 399, C21-C25.	2.3	14
27	An alkoxido-tin-substituted polyoxometalate [(MeO)SnW ₅ O ₁₈] ³⁻ : the first member of a new family of reactive {SnW ₅ } Lindqvist-type anions. <i>Chemistry - A European Journal</i> , 2012 , 18, 59-62	4.8	13
26	A mononuclear tert-butylimido complex of niobium(V). X-ray crystal structure of [Ph ₃ PCH ₂ Ph][Nb(NBut)Cl ₄ (py)]Cl ₂ . <i>Polyhedron</i> , 1991 , 10, 1959-1961	2.7	13
25	Synthetic studies on cobalt carbonyl complexes containing antimony and bismuth. Crystal structures of [SbO(OH){Co(CO) ₃ L ₂ }] [L = PPh ₃ or P(C ₆ H ₄ Me-p) ₃]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990 , 2375		13
24	A redox-triggered structural rearrangement in an iodate-templated polyoxotungstate cluster cage. <i>Chemical Communications</i> , 2013 , 49, 9731-3	5.8	12
23	Homoleptic Bismuth Amides. <i>Inorganic Syntheses</i> , 2007 , 98-101		12
22	Evidence for rapid ligand redistribution in non-aqueous tungstate chemistry: rational synthesis of the binuclear tungsten oxoalkoxide [W ₂ O ₅ (OMe) ₄] ²⁻ . <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 1105		12
21	Synthetic and structural Studies on Organomolybdenum-Bismuth Halide Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1994 , 620, 457-466	1.3	12
20	Bis-organoimido complexes of tungsten(VI). The crystal and molecular structure of bipyridyldichlorobis(phenylimido)tungsten(VI), [WCl ₂ (NPh) ₂ (bipy)]. <i>Journal of the Chemical Society Chemical Communications</i> , 1987 , 170		12
19	The synthesis of some organo-molybdenum and -tungsten complexes containing bismuth. <i>Journal of Organometallic Chemistry</i> , 1987 , 335, C1-C5	2.3	11
18	Preparation, characterisation, and X-ray crystal structure of [W ₂ Cl ₄ (NHBut) ₂ (NH ₂ But) ₂]: a triply-bonded ditungsten compound containing t-butylamido ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1986 , 1305		11
17	Synthetic and structural studies on organotransition metal-bismuth nitrates. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 1201-1205		10
16	The structural characterization of the first mononuclear alkoxide cation: Isolation and X-ray study of [Mo(OMe) ₅ (CH ₃ CN)]Bi ₂ Cl ₇ . <i>Inorganic Chemistry Communication</i> , 2005 , 8, 503-505	3.1	9
15	Synthesis of a tetranuclear chromium(III) complex containing a central μ ₄ -oxo and two-μ ₃ -sulphato ligands: X-ray crystal structure of [Ph ₄ P] ₃ [Cr ₄ O(μ ₃ -SO ₄) ₃ (μ-Cl) ₅ Cl ₄] ⁺ MeCN. <i>Journal of the Chemical Society Chemical Communications</i> , 1990 , 1565-1566		9
14	Tetraphenoxoborate complexes of barium: crystal structures of the metalborates [Ba(thf) ₄ {B(OPh) ₄ }] ₂ and [Ba(dme) ₂ {B(OPh) ₄ }] ₂ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 3533-3534		8
13	Polytungstate self-assembly: structures of the new oxoanions, [W ₄ (NBut) ₄ O ₄ Cl ₁₀] ²⁻ and [W ₆ O ₁₄ Cl ₁₀] ²⁻ . <i>Polyhedron</i> , 1989 , 8, 1788-1789	2.7	8
12	An alkoxide cluster with 18 Li ⁺ ions encapsulating two borate anions, [((t)BuO) ₁₂ Li ₁₈ (BO ₃) ₂]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003 , 59, m231-3		7
11	Solid-state and solution studies of tungsten(VI) organoimidoalkoxides. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992 , 3189		7

10	Self-assembly of amphiphilic polyoxometalates for the preparation of mesoporous polyoxometalate-titania catalysts. <i>Nanoscale</i> , 2020 , 12, 22245-22257	7.7	7
9	Ultra-high Proton Conduction via Extended Hydrogen-Bonding Network in a Preyssler-Type Polyoxometalate-Based Framework Functionalized with a Lanthanide Ion. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 19138-19147	9.5	5
8	Activation of H ₂ O ₂ over Zr(IV). Insights from Model Studies on Zr-Monosubstituted Lindqvist Tungstates. <i>ACS Catalysis</i> , 2021 , 11, 10589-10603	13.1	5
7	Tetrakis(β -phenoxo-acetonitrile)lithium, a tetrameric lithium aryloxide with a cubane core. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, m137-m139		4
6	Nonaqueous Polyoxometalate Synthesis for Systematic Studies of Hydrolysis, Protonation, and Reduction. <i>Advances in Inorganic Chemistry</i> , 2017 , 69, 287-336	2.1	3
5	Bonding Insights from Structural and Spectroscopic Comparisons of {SnW} and {TiW} Alkoxido- and Aryloxido-Substituted Lindqvist Polyoxometalates. <i>Chemistry - A European Journal</i> , 2018 , 24, 2750-2757	4.8	1
4	Bis(tetrabutylammonium) hexalato-bis[dibromidodioxidotungstate(VI)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m1269-m1270		1
3	Structural Characterization of Cerium-encapsulated Preyssler-type Phosphotungstate: Additional Evidence of Ce(III) in the Cavity. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 1239-1244	1.3	1
2	Alkoxido-Derivatized Lindqvist- and Keggin-Type Polyoxometalates. <i>Structure and Bonding</i> , 2017 , 139-163	9	
1	Synthesis, Structural and Electrochemical Properties of the [Sb ^{III} 2SiMo ₁₂ O ₄₀] ⁴⁻ anion, a Bicapped Keggin Polyoxometalate. <i>Current Inorganic Chemistry</i> , 2018 , 7, 13-20		