

# William Levason

## List of Publications by Citations

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474  
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503  
ext. papers

9,869  
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L-index

#	Paper	IF	Citations
474	Recent developments in the coordination chemistry of selenoether and telluroether ligands. <i>Coordination Chemistry Reviews</i> , <b>1993</b> , 122, 109-170	23.2	209
473	Recent developments in the chemistry of selenoethers and telluroethers. <i>Coordination Chemistry Reviews</i> , <b>2002</b> , 225, 159-199	23.2	178
472	Systematics of palladium(II) and platinum(II) dithioether complexes. The effect of ligand structure upon the structure and spectra of the complexes and upon inversion at coordinated sulphur. <i>Inorganica Chimica Acta</i> , <b>1979</b> , 35, 265-277	2.7	117
471	The chemistry of copper and silver in their higher oxidation states. <i>Coordination Chemistry Reviews</i> , <b>1987</b> , 76, 45-120	23.2	116
470	Synthesis, properties, and multinuclear ( <sup>1</sup> H, <sup>13</sup> C, <sup>77</sup> Se) nuclear magnetic resonance studies of selenoethers containing two or more selenium atoms. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1984</b> , 429		104
469	Synthesis, properties, and multinuclear NMR ( <sup>125</sup> Te{ <sup>1</sup> H}, <sup>13</sup> C{ <sup>1</sup> H}, <sup>1</sup> H) studies in di- and polytelluroether ligands. <i>Organometallics</i> , <b>1988</b> , 7, 78-83	3.8	101
468	Coordination chemistry of stibine and bismuthine ligands. <i>Coordination Chemistry Reviews</i> , <b>1994</b> , 133, 115-217	23.2	96
467	Coordination chemistry of the main group elements with phosphine, arsine and stibine ligands. <i>Coordination Chemistry Reviews</i> , <b>2014</b> , 260, 65-115	23.2	83
466	Medium and high oxidation state metal/non-metal fluoride and oxide-fluoride complexes with neutral donor ligands. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 1460-99	58.5	76
465	Developments in the coordination chemistry of stibine ligands. <i>Coordination Chemistry Reviews</i> , <b>2006</b> , 250, 2565-2594	23.2	76
464	Coordination complexes of silicon and germanium halides with neutral ligands. <i>Coordination Chemistry Reviews</i> , <b>2011</b> , 255, 1319-1341	23.2	70
463	Coordination chemistry of higher oxidation states. Part 21. Platinum-195 NMR studies of platinum(II) and platinum(IV) complexes of bi- and multi-dentate phosphorus, arsenic and sulphur ligands. <i>Inorganica Chimica Acta</i> , <b>1986</b> , 115, 187-192	2.7	68
462	Germanium(II) dications stabilized by azamacrocycles and crown ethers. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 5152-4	16.4	67
461	Electrodeposition of metals from supercritical fluids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 14768-72	11.5	65
460	Self-Assembly of Ribbons and Frameworks Containing Large Channels Based upon Methylene-Bridged Dithio-, Diseleno-, and Ditelluroethers. <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 4432-4438	5.1	63
459	Homoleptic silver(I) complexes with dithio-, diseleno- and ditelluro-ethers: synthesis, structures and multinuclear nuclear magnetic resonance studies. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1995</b> , 3439		57
458	Thio- and seleno-ether complexes with Group 4 tetrahalides and tin tetrachloride: preparation and use in CVD for metal chalcogenide films. <i>Dalton Transactions</i> , <b>2007</b> , 4769-77	4.3	55

- 457 Selenoether Macrocyclic Chemistry: Syntheses, NMR Studies, Redox Properties, and Single-Crystal Structures of  $[M([16]aneSe_4)](PF_6)_2 \cdot 2MeCN$  ( $M = Pd, Pt$ ;  $[16]aneSe_4 = 1,5,9,13$ -Tetraselenacyclohexadecane). *Inorganic Chemistry*, **1995**, 34, 651-657 5.1 54
- 456 Highly Selective Chemical Vapor Deposition of Tin Diselenide Thin Films onto Patterned Substrates via Single Source Diselenoether Precursors. *Chemistry of Materials*, **2012**, 24, 4442-4449 9.6 53
- 455 Halostibines  $SbMeX_2$  and  $SbMe_2X$ : Lewis Acids or Lewis Bases?. *Organometallics*, **2012**, 31, 1025-1034 3.8 53
- 454 Tetrakis(triphenylphosphine oxide) complexes of the lanthanide nitrates; synthesis, characterisation and crystal structures of  $[La(Ph_3PO)_4(NO_3)_3][Me_2CO]$  and  $[Lu(Ph_3PO)_4(NO_3)_2]NO_3$ . *Polyhedron*, **2000**, 19, 2697-2705 2.7 53
- 453 Synthesis and solution multinuclear magnetic resonance studies of homoleptic copper(I) complexes of sulfur, selenium and tellurium donor ligands. *Journal of the Chemical Society Dalton Transactions*, **1994**, 3225 51
- 452 Synthesis and structural characterisation of germanium(II) halide complexes with neutral N-donor ligands. *Dalton Transactions*, **2010**, 39, 847-56 4.3 50
- 451 Macrocyclic and polydentate thio- and seleno-ether ligand complexes of the p-block elements. *Dalton Transactions RSC*, **2001**, 2953-2960 49
- 450 Synthesis and properties of two o-phenylenebis(telluroether) ligands, o-C<sub>6</sub>H<sub>4</sub>(TeR)<sub>2</sub> (R = Me, Ph), and of related hybrids, o-C<sub>6</sub>H<sub>4</sub>(TeMe)Y (Y = NMe<sub>2</sub>, PMe<sub>2</sub>, AsMe<sub>2</sub>, SbMe<sub>2</sub>, OMe, SMe, SeMe, Cl). *Organometallics*, **1989**, 8, 1303-1308 3.8 49
- 449 Synthesis, properties, and multinuclear nuclear magnetic resonance (<sup>1</sup>H, <sup>77</sup>Se, and <sup>195</sup>Pt) studies on diselenoether complexes of palladium, platinum, and rhodium. *Journal of the Chemical Society Dalton Transactions*, **1985**, 1265 49
- 448 Tin(IV) Fluoride Complexes with Tertiary Phosphane Ligands I: A Comparison of Hard and Soft Donor Ligands. *European Journal of Inorganic Chemistry*, **2006**, 2006, 2773-2782 2.3 48
- 447 Six- and eight-coordinate thio- and seleno-ether complexes of NbF<sub>5</sub> and some comparisons with NbCl<sub>5</sub> and NbBr<sub>5</sub> adducts. *Dalton Transactions*, **2010**, 39, 883-91 4.3 47
- 446 Yttrium halide complexes of phosphine- and arsine oxides: synthesis, multinuclear NMR and structural studies. *Polyhedron*, **2002**, 21, 445-455 2.7 47
- 445 The chemistry of the p-block elements with thioether, selenoether and telluroether ligands. *Dalton Transactions*, **2011**, 40, 8491-506 4.3 46
- 444 Unique structural features in silver(I) dithioether complexes: the single-crystal structures of  $[Ag_n(PhSCH_2CH_2CH_2SPh)_2n](BF_4)_n \cdot 0.5nH_2O$  and  $[Ag_n(MeSCH_2CH_2CH_2SMe)_n](BF_4)_n$ . *Journal of the Chemical Society Chemical Communications*, **1995**, 1277-1278 46
- 443 Synthesis and solution multinuclear nuclear magnetic resonance studies of homoleptic copper(I) complexes of Group 15 donor ligands. *Journal of the Chemical Society Dalton Transactions*, **1993**, 3129 45
- 442 Coordination chemistry of organostibines. *Accounts of Chemical Research*, **1978**, 11, 363-368 24.3 45
- 441 Synthesis, multinuclear magnetic resonance spectroscopic studies and crystal structures of mono- and di-selenoether complexes of tin(IV) halides. *Journal of the Chemical Society Dalton Transactions*, **1997**, 2207-2214 42
- 440 Synthesis, properties and crystal structures of 6-, 7- and 8-coordinate Zr(IV) and Hf(IV) complexes involving thioether and selenoether ligands. *Dalton Transactions RSC*, **2002**, 3153-3159 42

- 439 Hydrothermal Synthesis of Rare Earth Iodates from the Corresponding Periodates: Structures of Sc(IO<sub>3</sub>)<sub>3</sub>, Y(IO<sub>3</sub>)<sub>3</sub> · 2 H<sub>2</sub>O, La(IO<sub>3</sub>)<sub>3</sub> · 1/2 H<sub>2</sub>O and Lu(IO<sub>3</sub>)<sub>3</sub> · 2 H<sub>2</sub>O. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2002**, 628, 198-202 1.3 41
- 438 Synthesis and structural studies on polymeric assemblies derived from antimony(III) halide complexes with bi- and tri-dentate and macrocyclic thio- and seleno-ether ligands. *Dalton Transactions RSC*, **2001**, 1621-1627 41
- 437 Syntheses, powder neutron diffraction structures and Mössbauer studies of some complex iron oxyfluorides: Sr<sub>3</sub>Fe<sub>2</sub>O<sub>6</sub>F<sub>0.87</sub>, Sr<sub>2</sub>FeO<sub>3</sub>F and Ba<sub>2</sub>InFeO<sub>5</sub>F<sub>0.68</sub>. *Journal of Materials Chemistry*, **1999**, 9, 2821-2827 41
- 436 Homoleptic Copper(I) and Silver(I) Complexes with o-Phenylene-Backboned Bis(thioethers), Bis(selenoethers), and Bis(telluroethers): Synthesis, Multinuclear NMR Studies, and Crystal Structures of [Cu{o-C<sub>6</sub>H<sub>4</sub>(SeMe)<sub>2</sub>}<sub>2</sub>]PF<sub>6</sub>, [Cu{o-C<sub>6</sub>H<sub>4</sub>(TeMe)<sub>2</sub>}<sub>2</sub>]PF<sub>6</sub>, and [Ag{n(o-C<sub>6</sub>H<sub>4</sub>(SeMe)<sub>2</sub>)n(o-C<sub>6</sub>H<sub>4</sub>(TeMe)<sub>2</sub>)n}][PF<sub>6</sub>]<sub>n</sub>·nCH<sub>2</sub>Cl<sub>2</sub>. *Inorganic Chemistry*, **1996**, 35, 1820-1824 5.1 41
- 435 Synthesis and characterisation of tin(IV) fluoride complexes of phosphine and arsine oxide ligands. *Polyhedron*, **2006**, 25, 930-936 2.7 40
- 434 Synthesis and properties of antimony(III) and bismuth(III) halide complexes of diphosphines and diarsines. Crystal structures of [Bi<sub>2</sub>I<sub>6</sub>{o-C<sub>6</sub>H<sub>4</sub>(AsMe<sub>2</sub>)<sub>2</sub>}<sub>2</sub>], [Sb<sub>2</sub>Br<sub>6</sub>{o-C<sub>6</sub>H<sub>4</sub>(PPh<sub>2</sub>)<sub>2</sub>}<sub>2</sub>], [Sb<sub>2</sub>Cl<sub>6</sub>{o-C<sub>6</sub>H<sub>4</sub>(AsMe<sub>2</sub>)<sub>2</sub>}], and [BiCl<sub>3</sub>{o-C<sub>6</sub>H<sub>4</sub>(P(O)Ph<sub>2</sub>)<sub>2</sub>}(thf)]. *Dalton Transactions RSC*, **2001**, 1007-1012 40
- 433 Chemical vapour deposition of antimony chalcogenides with positional and orientational control: precursor design and substrate selectivity. *Journal of Materials Chemistry C*, **2015**, 3, 423-430 7.1 39
- 432 Triaza-macrocyclic complexes of aluminium, gallium and indium halides: fast <sup>18</sup>F and <sup>19</sup>F incorporation via halide exchange under mild conditions in aqueous solution. *Chemical Science*, **2014**, 5, 381-391 9.4 39
- 431 Transition metal complexes with wide-angle dithio-, diseleno- and ditelluroethers: properties and structural systematics. *Dalton Transactions*, **2007**, 439-48 4.3 38
- 430 Synthesis and complexation of the mixed tellurium-oxygen macrocycles 1-tellura-4,7-dioxacyclononane, [9]aneO<sub>2</sub>Te, and 1,10-ditellura-4,7,13,16-tetraoxacyclooctadecane, [18]aneO<sub>4</sub>Te<sub>2</sub> and their selenium analogues. *Dalton Transactions*, **2003**, 2852-2858 4.3 38
- 429 Syntheses, structures and multinuclear NMR (<sup>45</sup>Sc, <sup>89</sup>Y, <sup>31</sup>P) studies of Ph<sub>3</sub>PO, Ph<sub>2</sub>MePO and Me<sub>3</sub>PO complexes of scandium and yttrium nitrates. *Dalton Transactions RSC*, **2000**, 2439-2447 38
- 428 Arsenic(III) halide complexes with acyclic and macrocyclic thio- and selenoether coligands: synthesis and structural properties. *Inorganic Chemistry*, **2002**, 41, 2070-6 5.1 37
- 427 Electrodeposition from supercritical fluids. *Physical Chemistry Chemical Physics*, **2014**, 16, 9202-19 3.6 36
- 426 Hybrid Dibismuthines and Distibines: Preparation and Properties of Antimony and Bismuth Oxygen, Sulfur, and Nitrogen Donor Ligands. *Organometallics*, **2011**, 30, 895-904 3.8 36
- 425 Synthesis, Spectroscopic and Structural Systematics of Complexes of Germanium(IV) Halides (GeX<sub>4</sub>, X = F, Cl, Br or I) with Phosphane Oxides and Related Oxygen Donor Ligands. *European Journal of Inorganic Chemistry*, **2007**, 2007, 2488-2495 2.3 36
- 424 Synthesis, spectroscopic and structural studies on transition metal carbonyl complexes of cyclic di- and tetra-selenoether ligands. *Journal of the Chemical Society Dalton Transactions*, **1999**, 1077-1084 36
- 423 Diphosphine and diarsine complexes of germanium(II) halides-preparation, spectroscopic, and structural studies. *Inorganic Chemistry*, **2010**, 49, 752-60 5.1 35
- 422 Complexes of germanium(IV) fluoride with phosphane ligands: structural and spectroscopic authentication of germanium(IV) phosphane complexes. *Dalton Transactions*, **2008**, 2261-9 4.3 35

4 <sup>21</sup>	Synthesis, properties and solution speciation of lanthanide chloride complexes of triphenylphosphine oxide. <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 1083-1091	2-7	35
4 <sup>20</sup>	Studies of platinum electroplating baths Part III. The electrochemistry of Pt(NH <sub>3</sub> ) <sub>4</sub> [X(H <sub>2</sub> O) <sub>2</sub> ] <sub>2</sub> and PtCl <sub>4</sub> [X(H <sub>2</sub> O) <sub>2</sub> ] <sub>2</sub> . <i>Journal of Electroanalytical Chemistry</i> , <b>1995</b> , 399, 105-113	4-1	35
4 <sup>19</sup>	Chelating ditelluroether complexes of palladium and platinum: synthesis and multinuclear NMR studies. Structure of dibromo(meso-1,3-bis(phenyltelluro)propane)palladium(II): [Pd{meso-PhTe(CH <sub>2</sub> ) <sub>3</sub> TePh}Br <sub>2</sub> ]. <i>Inorganic Chemistry</i> , <b>1989</b> , 28, 692-696	5-1	35
4 <sup>18</sup>	Non-aqueous electrodeposition of p-block metals and metalloids from halometallate salts. <i>RSC Advances</i> , <b>2013</b> , 3, 15645	3-7	34
4 <sup>17</sup>	Unusual neutral ligand coordination to arsenic and antimony trifluoride. <i>Dalton Transactions</i> , <b>2011</b> , 40, 5291-7	4-3	34
4 <sup>16</sup>	Telluroether adducts of tin(IV) halides: synthesis, spectroscopy and structures. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 4549-4554		34
4 <sup>15</sup>	Synthesis, Spectroscopic and Structural Systematics of Complexes of Germanium(IV) Halides (GeX <sub>4</sub> , X = F, Cl, Br or I) with Mono-, Bi- and Tri-Dentate and Macrocyclic Nitrogen Donor Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 4897-4905	2-3	34
4 <sup>14</sup>	Preparation, characterization, and structural systematics of diphosphane and diarsane complexes of gallium(III) halides. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 7215-23	5-1	34
4 <sup>13</sup>	Primary and secondary coordination of crown ethers to scandium(III). Synthesis, properties and structures of the reaction products of ScCl <sub>3</sub> (thf) <sub>3</sub> , ScCl <sub>3</sub> ·6H <sub>2</sub> O and Sc(NO <sub>3</sub> ) <sub>3</sub> ·6H <sub>2</sub> O with crown ethers. <i>Dalton Transactions</i> , <b>2003</b> , 857-865	4-3	34
4 <sup>12</sup>	Triphenylbismuthine complexes of group 6 metal carbonyls: X-ray crystal structures of [M(CO) <sub>5</sub> (BiPh <sub>3</sub> )] (M = Mo or W). <i>Journal of Organometallic Chemistry</i> , <b>1997</b> , 545-546, 111-115	2-3	33
4 <sup>11</sup>	Coordination networks derived from antimony(III) halide complexes with thio- and seleno-ether ligation. <i>Chemical Communications</i> , <b>2001</b> , 95-96	5-8	33
4 <sup>10</sup>	Telluroether and Selenoether Complexes as Single Source Reagents for Low Pressure Chemical Vapor Deposition of Crystalline Ga <sub>2</sub> Te <sub>3</sub> and Ga <sub>2</sub> Se <sub>3</sub> Thin Films. <i>Chemistry of Materials</i> , <b>2013</b> , 25, 1829-1836	8-6	32
4 <sup>09</sup>	Niobium(V) and tantalum(V) halide chalcogenoether complexes--towards single source CVD precursors for MEIT thin films. <i>Dalton Transactions</i> , <b>2014</b> , 43, 16640-8	4-3	32
4 <sup>08</sup>	Taking TiF <sub>4</sub> complexes to extremes--the first examples with phosphine co-ligands. <i>Dalton Transactions</i> , <b>2010</b> , 39, 10264-71	4-3	32
4 <sup>07</sup>	Synthesis and structures of one-dimensional co-ordination polymers derived from bismuth(III) selenoether macrocyclic complexes. <i>Dalton Transactions RSC</i> , <b>2000</b> , 2163-2166		32
4 <sup>06</sup>	Phosphine complexes of aluminium(III) halides - preparation and structural and spectroscopic systematics. <i>Dalton Transactions</i> , <b>2014</b> , 43, 14600-11	4-3	31
4 <sup>05</sup>	Controlling the nanostructure of bismuth telluride by selective chemical vapour deposition from a single source precursor. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 4865	13	31
4 <sup>04</sup>	Hydrothermal Synthesis of Rare Earth Iodates from the Corresponding Periodates: II1). Synthesis and Structures of Ln(IO <sub>3</sub> ) <sub>3</sub> (Ln = Pr, Nd, Sm, Eu, Gd, Tb, Ho, Er) and Ln(IO <sub>3</sub> ) <sub>3</sub> · 2H <sub>2</sub> O (Ln = Eu, Gd, Dy, Er, Tm, Yb). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2004</b> , 630, 479-483	1-3	31

403	Cationic manganese(I) tricarbonyl complexes with group 15 and 16 donor ligands: synthesis, multinuclear NMR spectroscopy and crystal structures. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 2343-2352		31
402	Electrodeposition of germanium from supercritical fluids. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 1517-28	3.6	30
401	Gallium(III) halide complexes with phosphines, arsines and phosphine oxides – a comparative study. <i>Polyhedron</i> , <b>2007</b> , 26, 4147-4155	2.7	30
400	Characterization of dibromine monoxide (Br <sub>2</sub> O) by bromine K-edge EXAFS and IR spectroscopy. <i>Journal of the American Chemical Society</i> , <b>1990</b> , 112, 1019-1022	16.4	30
399	Hypervalent neutral O-donor ligand complexes of silicon tetrafluoride, comparisons with other group 14 tetrafluorides and a search for soft donor ligand complexes. <i>Dalton Transactions</i> , <b>2011</b> , 40, 1584-93	4.3	29
398	Vanadium selenoether and selenolate complexes, potential single-source precursors for CVD of VSe <sub>2</sub> thin films. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 641-645	3.6	29
397	Catalytic air oxidation of tertiary arylphosphines in the presence of tin(IV) iodide. <i>Journal of Organometallic Chemistry</i> , <b>2003</b> , 688, 280-282	2.3	29
396	Lanthanide nitrate complexes of diphenylmethylphosphine oxide: synthesis and spectroscopic studies. Crystal structures of [La(Ph <sub>2</sub> MePO) <sub>3</sub> (NO <sub>3</sub> ) <sub>3</sub> ], [La(Ph <sub>2</sub> MePO) <sub>4</sub> (NO <sub>3</sub> ) <sub>3</sub> ][Me <sub>2</sub> CO] and [Yb(Ph <sub>2</sub> MePO) <sub>4</sub> (NO <sub>3</sub> ) <sub>2</sub> ][PF <sub>6</sub> ]. <i>Polyhedron</i> , <b>2001</b> , 20, 2055-2062	2.7	29
395	Synthesis and structural properties of the first macrocyclic selenoether complex of arsenic(III): a rare example of exo and endo coordination in a single species. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 11801-2	16.4	29
394	Multinuclear NMR studies of diphosphine, diphosphine dioxide and diarsine complexes of tin(IV) halides. Structures of [SnI <sub>4</sub> {o-C <sub>6</sub> H <sub>4</sub> (AsMe <sub>2</sub> ) <sub>2</sub> }] and [SnI <sub>4</sub> {o-C <sub>6</sub> H <sub>4</sub> (P(O)Ph <sub>2</sub> ) <sub>2</sub> }]. <i>Inorganica Chimica Acta</i> , <b>1999</b> , 288, 142-149	2.7	29
393	Synthesis and characterisation of selenoether macrocyclic complexes of Co(III), Rh(III) and Ir(III): crystal structures of trans-[CoBr <sub>2</sub> ([16]aneSe <sub>4</sub> )]BPh <sub>4</sub> and trans-[IrBr <sub>2</sub> ([16]aneSe <sub>4</sub> )]BPh <sub>4</sub> ([16]aneSe <sub>4</sub> =1,5,9,13-tetraselenacyclohexadecane). <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1996</b> , 3713		29
392	Soft diphosphine and diarsine complexes of niobium(V) and tantalum(V) fluorides: synthesis, properties, structures and comparisons with the corresponding chlorides. <i>Dalton Transactions</i> , <b>2014</b> , 43, 9557-66	4.3	28
391	Tantalum(V) fluoride complexes of thio- and seleno-ether ligands and a comparison with the TaX <sub>5</sub> (X = Cl or Br) analogues. <i>Journal of Fluorine Chemistry</i> , <b>2012</b> , 137, 77-84	2.1	28
390	Tin(II) fluoride vs. tin(II) chloride—a comparison of their coordination chemistry with neutral ligands. <i>Dalton Transactions</i> , <b>2013</b> , 42, 8364-74	4.3	28
389	Synthesis and characterisation of transition-metal complexes involving cyclic diselenoether ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 3493-3500		28
388	Synthesis, characterisation and structures of thio-, seleno- and telluro-ether complexes of gallium(III). <i>Dalton Transactions</i> , <b>2008</b> , 6274-82	4.3	28
387	The first examples of germanium tetrafluoride and tin tetrafluoride complexes with soft thioether coordination—synthesis, properties and crystal structures. <i>Dalton Transactions</i> , <b>2008</b> , 533-8	4.3	28
386	Tin(IV) chalcogenoether complexes as single source precursors for the chemical vapour deposition of SnE and SnE (E = S, Se) thin films. <i>Dalton Transactions</i> , <b>2018</b> , 47, 2628-2637	4.3	27

385	Synthesis, properties, and multinuclear ( <sup>1</sup> H, <sup>13</sup> C, <sup>77</sup> Se) magnetic resonance studies of the hybrid selenide ligands o-C <sub>6</sub> H <sub>4</sub> (SeMe)Y (Y = NMe <sub>2</sub> , PMe <sub>2</sub> , AsMe <sub>2</sub> , SbMe <sub>2</sub> , OMe, and SMe). <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1987</b> , 487		27
384	Coordination chemistry of higher oxidation states. 5. Reaction of palladium(II) iodo complexes with molecular iodine and crystal and molecular structure of diiodo(cis-1,2-bis(diphenylphosphino)ethene)palladium(II)-diiodine (1/1). <i>Inorganic Chemistry</i> , <b>1983</b> , 22, 2362-2366	5.1	27
383	Co-ordination chemistry of higher oxidation states. Part 1. Thioether complexes of osmium (IV), iridium(IV), and platinum(IV). <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1980</b> , 1872		27
382	Area Selective Growth of Titanium Diselenide Thin Films into Micropatterned Substrates by Low-Pressure Chemical Vapor Deposition. <i>Chemistry of Materials</i> , <b>2013</b> , 25, 4719-4724	9.6	26
381	Preparation and structure of the unique silicon(IV) cation [SiF <sub>3</sub> (Me <sub>3</sub> tacn)] <sup>+</sup> . <i>Chemical Communications</i> , <b>2009</b> , 1334-6	5.8	26
380	Studies on Chromium(III) and Vanadium(III) Complexes with Crown Ether and Crown Thioether Coordination: Synthesis, Properties and Structural Systematics. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 4399-4406	2.3	26
379	Synthesis, spectroscopic and structural characterization of PdII and PtII complexes of the cyclic diselenoether 1,5-diselenacyclooctane, [8]aneSe <sub>2</sub> . <i>Polyhedron</i> , <b>1995</b> , 14, 2753-2758	2.7	26
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377	Palladium and platinum complexes of telluracyclopentane. Structure of trans-[Pd{H <sub>2</sub> } <sub>4</sub> ] <sub>2</sub> Cl <sub>2</sub> . <i>Polyhedron</i> , <b>1992</b> , 11, 2165-2169	2.7	26
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