Simon Parsons

List of Publications by Year
in descending order

162 papers	7,472 citations	66343 42 h-index	62596 80 g-index
176 all docs	176 docs citations	176 times ranked	7727 citing authors

#	Article	IF	Citations
1	Use of a miniature diamond-anvil cell in a joint X-ray and neutron high-pressure study on copper sulfate pentahydrate. IUCrJ, 2022, 9, 73-85.	2.2	2
2	A first-order phase transition in Blatter's radical at high pressure. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2022, 78, 107-116.	1.1	2
3	Behavior of Occupied and Void Space in Molecular Crystal Structures at High Pressure. Crystal Growth and Design, 2022, 22, 2328-2341.	3.0	7
4	Correction to â€œThe Effect of High Pressure on the Crystal Structures of Polymorphs of <scp>l</scp>-Histidineâ€. Crystal Growth and Design, 2022, 22, 937-938.	3.0	1
5	Contrasting behaviour under pressure reveals the reasons for pyramidalization in tris(amido)uranium(III) and tris(arylthiolate) uranium(III) molecules. Nature Communications, 2022, 13, .	12.8	7
6	Mapping the cooperativity pathways in spin crossover complexes. Chemical Science, 2021, 12, 1007-1015.	7.4	20
7	Suppression of isotopic polymorphism. CrystEngComm, 2021, 23, 769-776.	2.6	4
8	Accurate H-atom parameters for the two polymorphs of <scp>L</scp>-histidine at 5, 105 and 295â€…K. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 785-800.	1.1	3
9	Revealing the early stages of carbamazepine crystallization by cryoTEM and 3D electron diffraction. IUCrJ, 2021, 8, 860-866.	2.2	10
10	Singleâ€Crystal Xâ€Ray Diffraction Study of Pressure and Temperatureâ€Induced Spin Trapping in a Bistable Iron(II) Hofmann Framework. Angewandte Chemie, 2020, 132, 3130-3135.	2.0	1
11	Singleâ€Crystal Xâ€Ray Diffraction Study of Pressure and Temperatureâ€Induced Spin Trapping in a Bistable Iron(II) Hofmann Framework. Angewandte Chemie - International Edition, 2020, 59, 3106-3111.	13.8	12
12	Putting the Squeeze on Molecule-Based Magnets: Exploiting Pressure to Develop Magneto-Structural Correlations in Paramagnetic Coordination Compounds. Magnetochemistry, 2020, 6, 32.	2.4	7
13	Synthesis and structures of anionic rhenium polyhydride complexes of boronâ€“hydride ligands and their application in catalysis. Chemical Science, 2020, 11, 9994-9999.	7.4	15
14	Effect of High Pressure on the Crystal Structures of Polymorphs of <scp>l</scp>-Histidine. Crystal Growth and Design, 2020, 20, 7788-7804.	3.0	15
15	Alloxan under pressureâ€“squeezing an extremely dense molecular crystal structure. Chemical Communications, 2020, 56, 6428-6431.	4.1	3
16	Controlling Spin Switching with Anionic Supramolecular Frameworks. Chemistry of Materials, 2020, 32, 3229-3234.	6.7	25
17	Quantum chemical topology and natural bond orbital analysis of Mâ€“O covalency in M(OC₆H₅)₄ (M = Ti, Zr, Hf, Ce, Th, Pa, U, Np). Physical Chemistry Chemical Physics, 2020, 22, 16804-16812.	2.8	29
18	Pressure-induced inclusion of neon in the crystal structure of a molecular Cu2(pacman) complex at 4.67 GPa. Chemical Communications, 2020, 56, 3449-3452.	4.1	2

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19	MrPIXEL: automated execution of Pixel calculations via the Mercury interface. Journal of Applied Crystallography, 2020, 53, 1154-1162.	4.5	22
20	High-pressure polymorphism in pyridine. IUCrJ, 2020, 7, 58-70.	2.2	12
21	Polymorph evolution during crystal growth studied by 3D electron diffraction. IUCrJ, 2020, 7, 5-9.	2.2	27
22	Linear, Non-Conjugated Cyclic and Conjugated Cyclic Paraphenylene under Pressure. Molecules, 2019, 24, 3496.	3.8	3
23	Computational analysis of Mâ€“O covalency in M(OC₆H₅)₄ (M = Ti,) Tj ETQq1 1 0.784314 rgBT	3.3	26
24	High-pressure polymorphism in l-threonine between ambient pressure and 22 GPa. CrystEngComm, 2019, 21, 4444-4456.	2.6	27
25	The Effect of Pressure on Halogen Bonding in 4-Iodobenzonitrile. Molecules, 2019, 24, 2018.	3.8	11
26	Automated oxidation-state assignment for metal sites in coordination complexes in the Cambridge Structural Database. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 1096-1105.	1.1	9
27	A jumping crystal predicted with molecular dynamics and analysed with TLS refinement against powder diffraction data. IUCrJ, 2019, 6, 136-144.	2.2	5
28	Probing the origin of the giant magnetic anisotropy in trigonal bipyramidal Ni(<scp>ii</scp>) under high pressure. Chemical Science, 2018, 9, 1551-1559.	7.4	52
29	Elastically Flexible Crystals have Disparate Mechanisms of Molecular Movement Induced by Strain and Heat. Angewandte Chemie - International Edition, 2018, 57, 11325-11328.	13.8	66
30	Elastically Flexible Crystals have Disparate Mechanisms of Molecular Movement Induced by Strain and Heat. Angewandte Chemie, 2018, 130, 11495-11498.	2.0	11
31	Reversible Pressureâ€Controlled Depolymerization of a Copper(II)â€Containing Coordination Polymer. Chemistry - A European Journal, 2017, 23, 12480-12483.	3.3	20
32	Experimental and Theoretical Study for the Assessment of the Conformational Analysis of Pyrazolone Derivatives: Employing Quantitative Analysis for Intermolecular Interactions. ChemistrySelect, 2017, 2, 6331-6337.	1.5	5
33	Phase transition sequences in tetramethylammonium tetrachlorometallates by X-ray diffraction and spectroscopic measurements. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 844-855.	1.1	8
34	Compression of glycolide-h₄ to 6â€…GPa. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 1151-1157.	1.1	9
35	Î¶-Glycine: insight into the mechanism of a polymorphic phase transition. IUCrJ, 2017, 4, 569-574.	2.2	23
36	Accurate hydrogen parameters for the amino acid<scp>L</scp>-leucine. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 885-892.	1.1	12

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37	Neutron and high-pressure X-ray diffraction study of hydrogen-bonded ferroelectric rubidium hydrogen sulfate. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 855-863.	1.1	5
38	Pressure induced enhancement of the magnetic ordering temperature in rhenium(IV) monomers. Nature Communications, 2016, 7, 13870.	12.8	30
39	Use of the PIXEL method to investigate gas adsorption in metalâ€“organic frameworks. CrystEngComm, 2016, 18, 3273-3281.	2.6	4
40	Preorganized tridentate analogues of mixed hydroxyoxime/carboxylate nickel extractants. Dalton Transactions, 2016, 45, 3734-3742.	3.3	9
41	Inter- versus Intramolecular Structural Manipulation of a Dichromium(II) Pacman Complex through Pressure Variation. Inorganic Chemistry, 2016, 55, 214-220.	4.0	6
42	Use of a miniature diamond-anvil cell in high-pressure single-crystal neutron Laue diffraction. IUCrJ, 2016, 3, 168-179.	2.2	25
43	Introduction to the special issue on energy materials. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2015, 71, 583-584.	1.1	0
44	How focussing on hydrogen bonding interactions in amino acids can miss the bigger picture: a high-pressure neutron powder diffraction study of Îµ-glycine. CrystEngComm, 2015, 17, 5315-5328.	2.6	35
45	The effect of temperature and pressure on the crystal structure of piperidine. Chemistry Central Journal, 2015, 9, 18.	2.6	17
46	Characterizing Pressureâ€Induced Uranium Cï£¿H Agostic Bonds. Angewandte Chemie - International Edition, 2015, 54, 6735-6739.	13.8	52
47	A high-pressure crystallographic and magnetic study of Na₅[Mn(<scp>l</scp>-tart)₂]Â·12H₂O (<scp>l</scp>-tart) Tj ETQq1 1 0.784314 rgBT /Overlo	3.3	
48	Intermolecular interaction energies in transition metal coordination compounds. CrystEngComm, 2015, 17, 9300-9310.	2.6	19
49	Effect of high pressure on the crystal structure and charge transport properties of the (2-fluoro-3-pyridyl)(4-iodophenyl)borinic 8-oxyquinolinate complex. CrystEngComm, 2014, 16, 10780-10790.	2.6	9
50	A pressure-induced displacive phase transition in Tris(ethylenediamine) Nickel(II) nitrate. Zeitschrift Fur Kristallographie - Crystalline Materials, 2014, 229, .	0.8	2
51	Comparison of intermolecular interactions in two phases of MeNSOF₂. Zeitschrift Fur Kristallographie - Crystalline Materials, 2014, 229, 649-660.	0.8	1
52	Assessing the performance of density functional theory in optimizing molecular crystal structure parameters. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 259-267.	1.1	28
53	Competition between hydrogen bonding and dispersion interactions in the crystal structures of the primary amines. CrystEngComm, 2014, 16, 3867-3882.	2.6	27
54	Re-entrant structural phase transition in a frustrated kagome magnet, Rb2SnCu3F12. CrystEngComm, 2013, 15, 7426.	2.6	10

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55	Destabilisation of hydrogen bonding and the phase stability of aniline at high pressure. CrystEngComm, 2013, 15, 1047-1060.	2.6	41
56	Ultra-low temperature structure determination of a Mn12 single-molecule magnet and the interplay between lattice solvent and structural disorder. CrystEngComm, 2013, 15, 3423.	2.6	11
57	Use of intensity quotients and differences in absolute structure refinement. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2013, 69, 249-259.	1.1	1,525
58	Analysing Friedel averages and differences. Acta Crystallographica Section A: Foundations and Advances, 2012, 68, 736-749.	0.3	28
59	Pressureâ€Driven Orbital Reorientations and Coordinationâ€Sphere Reconstructions in [CuF₂(H₂O)₂(pyz)]. Angewandte Chemie - International Edition, 2012, 51, 7490-7494.	13.8	47
60	Piezochromism in Nickel Salicylaldoximato Complexes: Tuning Crystalâ€Field Splitting with High Pressure. Chemistry - A European Journal, 2012, 18, 7738-7748.	3.3	33
61	Alanine at 13.6 GPa and its pressure-induced amorphisation at 15 GPa. CrystEngComm, 2011, 13, 5841.	2.6	48
62	Single crystals of aspirin form II: crystallisation and stability. CrystEngComm, 2011, 13, 399-401.	2.6	66
63	Anion-selective receptors based on dinuclear copper(II) and nickel(II) cage complexes of bis-salicylaldimines. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 71, 529-536.	1.6	4
64	Unusual asymmetry in halobenzenes, a solid-state, gas-phase and theoretical investigation. Structural Chemistry, 2011, 22, 279-285.	2.0	3
65	The effect of pressure on the crystal structure of bianthrone. Acta Crystallographica Section B: Structural Science, 2011, 67, 226-237.	1.8	12
66	High-Pressure Study of Oxo-bridged Mixed-Valent MnIII/MnIV Dimers High-Pressure Study of Oxo-bridged Mixed-Valent MnIII/MnIV Dimers. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 221-230.	0.7	6
67	Isomorphism, Disorder, and Hydration in the Crystal Structures of Racemic and Single-Enantiomer Carvedilol Phosphate. Crystal Growth and Design, 2010, 10, 2713-2733.	3.0	37
68	Pressure-induced switching in a copper(ii) citrate dimer. CrystEngComm, 2010, 12, 2516.	2.6	29
69	Pressure as a tool in crystal engineering: inducing a phase transition in a high-Zâ€² structure. CrystEngComm, 2010, 12, 2520.	2.6	29
70	High-pressure polymorphism in salicylamide. CrystEngComm, 2010, 12, 1065.	2.6	52
71	Pressure-induced Jahnâ€“Teller switching in a Mn12 nanomagnet. Chemical Communications, 2010, 46, 1881-1883.	4.1	57
72	The effect of pressure on the crystal structure of l-alanine. CrystEngComm, 2010, 12, 2573.	2.6	65

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73	Organometallic Osmium(II) and Ruthenium(II) Biphenyl Sandwich Complexes: X-ray Crystal Structures and187Os NMR Spectroscopic Studies in Solution. European Journal of Inorganic Chemistry, 2009, 2009, 2673-2677.	2.0	9
74	Isotopic Polymorphism in Pyridine. Angewandte Chemie - International Edition, 2009, 48, 755-757.	13.8	81
75	Polymerisation of a Cu(II) dimer into 1D chains using high pressure. CrystEngComm, 2009, 11, 2601.	2.6	39
76	3-Fluorosalicylaldoxime at 6.5 GPa. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2001-o2001.	0.2	2
77	Incorporation of a new design of backing seat and anvil in a Merrillâ€“Bassett diamond anvil cell. Journal of Applied Crystallography, 2008, 41, 249-251.	4.5	113
78	Formation and Characterization of the Cationic Gallane Derivatives [(RH₂N)₂GaH₂]Cl (R = Me or iPr) and [{(iPrH₂N)GaH₂NHiPr}₂GaH₂]Cl. European Journal of Inorganic Chemistry, 2008, 2008, 737-744.	2.0	6
79	High-pressure polymorphism in amino acids. Crystallography Reviews, 2008, 14, 143-184.	1.5	113
80	The effect of pressure and substituents on the size of pseudo-macrocyclic cavities in salicylaldoxime ligands. CrystEngComm, 2008, 10, 239-251.	2.6	15
81	A study of the high-pressure polymorphs of L-serine using ab initio structures and PIXEL calculations. CrystEngComm, 2008, 10, 1154.	2.6	48
82	High-pressure polymorphism in L-serine monohydrate: identification of driving forces in high pressure phase transitions and possible implications for pressure-induced protein denaturation. CrystEngComm, 2008, 10, 1758.	2.6	37
83	Analysis of the compression of molecular crystal structures using Hirshfeld surfaces. CrystEngComm, 2008, , .	2.6	36
84	Alloxanâ€”a new low-temperature phase determined by neutron powder diffraction. CrystEngComm, 2008, 10, 465.	2.6	11
85	Crystal Structures and Glassy Phase Transition Behavior of Cyclohexene. Crystal Growth and Design, 2008, 8, 512-518.	3.0	20
86	Tagging (Arene)ruthenium(II) Anticancer Complexes with Fluorescent Labels. European Journal of Inorganic Chemistry, 2007, 2007, 2783-2796.	2.0	17
87	Synthesis, Structure, and Magnetic Properties of [Dithiazolylium]x[M(tdas)2] Salts. Molecular Crystals and Liquid Crystals, 2006, 452, 123-135.	0.9	3
88	High-pressure polymorphism in L-cysteine: the crystal structures of L-cysteine-III and L-cysteine-IV. Acta Crystallographica Section B: Structural Science, 2006, 62, 296-309.	1.8	103
89	High-pressure neutron diffraction study of L-serine-I and L-serine-II, and the structure of L-serine-III at 8.1â€…GPa. Acta Crystallographica Section B: Structural Science, 2006, 62, 815-825.	1.8	77
90	Exploration of the high-pressure behaviour of polycyclic aromatic hydrocarbons: naphthalene, phenanthrene and pyrene. Acta Crystallographica Section B: Structural Science, 2006, 62, 826-842.	1.8	96

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91	Effect of pressure on the crystal structure of salicylaldoxime-I, and the structure of salicylaldoxime-II at 5.93â€…GPa. Acta Crystallographica Section B: Structural Science, 2006, 62, 1099-1111.	1.8	44
92	Effect of High Pressure on the Crystal Structures of Polymorphs of Glycine. Crystal Growth and Design, 2005, 5, 1415-1427.	3.0	221
93	Effect of pressure on the crystal structure of L-serine-I and the crystal structure of L-serine-II at 5.4â€…GPa. Acta Crystallographica Section B: Structural Science, 2005, 61, 58-68.	1.8	97
94	An ab Initio Study of Observed and Hypothetical Polymorphs of Glycine. Crystal Growth and Design, 2005, 5, 1437-1442.	3.0	36
95	Crystal Structures of Tris(tert-butyl)boron, -aluminum, -gallium, and -indium:â€‰ Nonplanarity of the AlC3 Skeleton and Evidence of Inter- and Intramolecular â€œAgosticâ€•or Hyperconjugative Interactions. Organometallics, 2005, 24, 5702-5709.	2.3	31
96	An exploration of the polymorphism of piracetam using high pressure. CrystEngComm, 2005, 7, 179.	2.6	131
97	Rationalisation of Co-Crystal Formation Through Knowledge-Mining. Crystallography Reviews, 2004, 10, 57-66.	1.5	17
98	Use of a CCD diffractometer in crystal structure determinations at high pressure. Journal of Applied Crystallography, 2004, 37, 410-416.	4.5	147
99	High-pressure recrystallisationâ€”a route to new polymorphs and solvates. CrystEngComm, 2004, 6, 504-511.	2.6	132
100	The Surprising Structures of B8F12 and B10F12. Angewandte Chemie, 2003, 115, 591-593.	2.0	13
101	Introduction to twinning. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 1995-2003.	2.5	109
102	Internal hydrogen bonding in tetrahedral and trigonal bipyramidal zinc(ii) complexes of pyridine-based ligands. Dalton Transactions, 2003, , 3339-3349.	3.3	36
103	Molecular structure of trimethylphosphineâ€“gallane, Me3PÂ·GaH3: gas-phase electron diffraction, single-crystal X-ray diffraction, and quantum chemical studies. Dalton Transactions, 2003, , 3526-3533.	3.3	20
104	Structural characterization of a dizinc(ii) complex with bridging Î·2-phosphate diesters and internal Nâ€“Hâ‹¯Oâ€“P hydrogen bonding. Dalton Transactions, 2003, , 4385-4386.	3.3	12
105	Internal hydrogen bonding and amide co-ordination in zinc(ii) complexes of a tripodal N4 ligand: structural, spectroscopic and reactivity studies. Dalton Transactions, 2003, , 2156-2163.	3.3	38
106	Dimeric piperidino-alane and -gallane: metal hydrides with a cyclic M(Âµ-N)2M core (M = Al or Ga). Dalton Transactions, 2003, , 540-543.	3.3	20
107	Synthesis, structure and properties of [Pt(2,2â€²-bipyridyl-5,5â€²-dicarboxylic acid)(3,4-toluenedithiolate)]: tuning molecular properties for application in dye-sensitised solar cells. Dalton Transactions, 2003, , 3757-3762.	3.3	79
108	Structural and vibrational properties of ClC(O)SY compounds with Yâ€‰=â€‰Cl and CH3. New Journal of Chemistry, 2003, 27, 514-519.	2.8	21

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109	Solvent extraction of metal sulfates by zwitterionic forms of ditopic ligands. Dalton Transactions, 2003, , 55-64.	3.3	45
110	Exploiting supramolecular chemistry in metal recovery: novel zwitterionic extractants for nickel(ii) salts. Dalton Transactions, 2003, , 1932-1940.	3.3	24
111	A Convenient Synthesis of Pyranosyl-1-carbaldoximes. Synthetic Communications, 2003, 33, 1707-1715.	2.1	9
112	[Cu18(hfac)10(Cî€,CC4Hn9)8]; Crystal structure of a novel luminescent cage compound with a â€œtriple copper sheetâ€•structural motif. Dalton Transactions RSC, 2002, , 3427-3428.	2.3	14
113	Reactivity of a cationic square-planar palladium(II) chloro complex containing bis[2-(diphenylphosphino)ethyl]amine: chloro substitutions by anionic ligands and formation of neutral digold(I) compounds possessing linear PAuX fragments. The X-Ray crystal structure of Au2[Ph2P(CH2)2N(NO)(CH2)2PPh2]Cl2. New Journal of Chemistry, 2002, 26, 636-644.	2.8	22
114	Structure and vibrational properties of ethyltrioxorhenium(vii), C2H5ReO3, investigated by gas electron diffraction, single crystal X-ray diffraction, IR spectroscopy and quantum chemical calculations. Dalton Transactions RSC, 2002, , 3342.	2.3	8
115	Luminescent high nuclearity Cu(i)-alkynyl clusters, [Cu16(hfac)8(3,3-dimethyl-1-butynyl)8] and [Cu20(hfac)8(3-phenyl-1-propynyl)12]. Dalton Transactions RSC, 2002, , 4395-4401.	2.3	24
116	Structural studies and matrix photochemistry of tetramethyloxorhenium(vi), (CH3)4ReO, and related compounds. Dalton Transactions RSC, 2002, , 3142-3152.	2.3	17
117	Transport of metal salts; encapsulation of anions in dinuclear Cu(ii) complexes [Cu2L2SO4]SO4and [Cu2L2BF4](BF4)3, where L = 2,2â€™-[1,6-hexanediylbis[(methylimino)methylene]]bis[4-tert-butyl-6-(phenylazomethinyl)phenol]. Dalton Transactions RSC, 2002, , 3928-3930.	2.3	20
118	Comparison of the high-pressure and low-temperature structures of sulfuric acid. Dalton Transactions RSC, 2002, , 1867-1871.	2.3	11
119	Synthesis, Characterization, and Reactivity of Cationic Palladium(II) and Platinum(II) Iodo Complexes Containing a Linear or a Tripodal Aminophosphine. The X-Ray Crystal Structures of [Pd{HN(CH2CH2PPh2)2}I]I and [Pd3{N(CH2CH2PPh2}3)2I4]I2Dedicated to Professor Joachim StrÃhle on the Occasion of his 65th Birthday. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2002, 628, 1975.	1.2	14
120	cis-[PtCl2(NH3){2-(2-hydroxyethyl)pyridine}] âˆ’ an Analogue of the Anticancer Drug AMD473: Unusual Hydrolysis Rates and pKa Values for the Diaqua Adduct. European Journal of Inorganic Chemistry, 2002, 2002, 1035-1039.	2.0	23
121	A Unique Heterotopic Ligand for Sequential Synthesis of Polymetallic Complexes. European Journal of Inorganic Chemistry, 2002, 2002, 323-325.	2.0	25
122	Diazopyrazolones as weak solvent extractants for copper from ammonia leach solutionsâ€Šâ€. Dalton Transactions RSC, 2001, , 1239-1245.	2.3	30
123	Control of aminophosphine chelate ring-opening in Pt(ii) and Pd(ii) complexes: potential dual-mode anticancer agents. Dalton Transactions RSC, 2001, , 1306-1318.	2.3	87
124	Steric Blocking of Methyl Bridging:Â The Syntheses and X-ray Crystal Structures of a Three-Coordinate Methyl Magnesium Complex and Its THF Adduct. Organometallics, 2001, 20, 798-801.	2.3	53
125	Oligomeric structures of the crystalline dimethylamine adducts Me2(H)NÂ·MH3 (Mâ€…=â€…Al or Ga) and the dimethylamido derivative [Me2NGaH2]3. Dalton Transactions RSC, 2001, , 2141-2147.	2.3	26
126	Structure and dynamics of a platinum(II) aminophosphine complex and its nucleobase adducts. Dalton Transactions RSC, 2001, , 362-372.	2.3	22

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127	Structural characterisation of dimethylgallium tetrahydroborate and its adducts with diethyl ether and tetrahydrofuran. Dalton Transactions RSC, 2001, , 304-308.	2.3	7
128	Molecular structure of ButCl2SiSiCl2But in the gas phase by electron diffraction and ab initio calculations. Molecular structures of the compounds ButX2SiSiX2But (X = Cl, Br or I) by vibrational spectroscopy, X-ray crystallography and ab initio calculationsâ€. Dalton Transactions RSC, 2001, , 2916-2925.	2.3	9
129	Unique structural topologies involving metalâ€“metal and metalâ€“sulfur interactions: salts of [Ni(C3S5)2]xâ^' with cis-anti-cis-dicyclohexyl-18-crown-6 complexed counter ions. Dalton Transactions RSC, 2001, , 1347-1351.	2.3	17
130	Structure, Magnetic Properties and Magnetic Phase Diagram of a Layered, Bimetallic, Cyanide-Bridged CrIII-NiII Metamagnet. European Journal of Inorganic Chemistry, 2001, 2001, 1287-1293.	2.0	67
131	A Luminescent One-Dimensional Copper(I) Polymer. Journal of Cluster Science, 2000, 11, 227-232.	3.3	6
132	Supramolecular assemblies from ditopic ligands and transition metal saltsâ€Šâ€. Dalton Transactions RSC, 2000, , 3773-3782.	2.3	37
133	A high-pressure structural study of propionic acid and the application of CCD detectors in high-pressure single-crystal x-ray diffraction. Journal of Physics Condensed Matter, 2000, 12, L613-L618.	1.8	17
134	Inter-ligand reactions: in situ formation of new polydentate ligands. Dalton Transactions RSC, 2000, , 2349-2356.	2.3	520
135	Synthesis and characterisation of magnesium methyl complexes with monoanionic chelating nitrogen donor ligands and their reaction with dioxygen. Dalton Transactions RSC, 2000, , 1655-1661.	2.3	65
136	New linked and threaded cluster compounds. Chemical Communications, 2000, , 1549-1550.	4.1	19
137	Structural studies of heptanuclear cobalt complexes and larger oligomers based on heptanuclear fragments. Dalton Transactions RSC, 2000, , 3242-3252.	2.3	29
138	The isolation, characterisation, gas phase electron diffraction and crystal structure of the thermally stable radical [CF3î€CSNSCî€CF3]Ë™â€Šâ€. Dalton Transactions RSC, 2000, , 3365-3382.	2.3	49
139	Guanidinates as chelating anionic ligands for early, middle and late transition metals: syntheses and crystal structures of [Ti{Î·2-(NPh)2CNEt2}2Cl2], [Ru{Î·2-(NPh)2CNHPh}3] and [Pt{Î·2-(NPh)2CNHPh}2]. Dalton Transactions RSC, 2000, , 1887-1891.	2.3	45
140	A novel dodecanuclear chromium(iii) cage: structural control by choice of leaving group. Chemical Communications, 2000, , 579-580.	4.1	30
141	Changing cage structures through inter-ligand repulsions. Chemical Communications, 2000, , 811-812.	4.1	49
142	Reactions of triene-conjugated diazo-compounds: reaction paths from o-(1,3-dienyl)aryldiazomethanes to 3,8-methano-1,2-diazocines and to pyrrolo[2,1-a]phthalazines via intramolecular (3â€…+â€…2) and 1,1-cycloaddition reactions. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 1139-1148.	1.3	6
143	Cyanide-Bridged Bimetallic High Spin Molecules. Molecular Crystals and Liquid Crystals, 1999, 335, 483-494.	0.3	6
144	Bis(dichlorosilyl)methylamine - Synthesis, Crystal Structure, and Conformational Analysis in the Gas Phase. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1999, 625, 313-320.	1.2	4

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145	Structural Variations and Magnetic Studies of Polymetallic Cages. Molecular Crystals and Liquid Crystals, 1999, 335, 263-282.	0.3	1
146	New high-spin clusters featuring transition metals. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 3119-3137.	3.4	14
147	Stereospecific and Kinetic Control over the Hydrolysis of a Sterically Hindered Platinum Picoline Anticancer Complex. Chemistry - A European Journal, 1998, 4, 672-676.	3.3	126
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