

# Simon Parsons

## List of Publications by Year in descending order

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162  
papers

7,472  
citations

66343

42  
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62596

80  
g-index

176  
all docs

176  
docs citations

176  
times ranked

7727  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Inter-ligand reactions: in situ formation of new polydentate ligands. Dalton Transactions RSC, 2000, , 2349-2356.	2.3	520
3	Effect of High Pressure on the Crystal Structures of Polymorphs of Glycine. Crystal Growth and Design, 2005, 5, 1415-1427.	3.0	221
4	Structure Analysis Restrained by ab Initio Calculations: The Molecular Structure of 2,5-Dichloropyrimidine in Gaseous and Crystalline Phases. The Journal of Physical Chemistry, 1996, 100, 12280-12287.	2.9	178
5	Site-Directed Surface Derivatization of MCM-41: Use of High-Resolution Transmission Electron Microscopy and Molecular Recognition for Determining the Position of Functionality within Mesoporous Materials. Angewandte Chemie - International Edition, 1998, 37, 2719-2723.	13.8	159
6	Use of a CCD diffractometer in crystal structure determinations at high pressure. Journal of Applied Crystallography, 2004, 37, 410-416.	4.5	147
7	High-pressure recrystallisation a route to new polymorphs and solvates. CrystEngComm, 2004, 6, 504-511.	2.6	132
8	An exploration of the polymorphism of piracetam using high pressure. CrystEngComm, 2005, 7, 179.	2.6	131
9	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
10	Incorporation of a new design of backing seat and anvil in a Merrill-Bassett diamond anvil cell. Journal of Applied Crystallography, 2008, 41, 249-251.	4.5	113
11	High-pressure polymorphism in amino acids. Crystallography Reviews, 2008, 14, 143-184.	1.5	113
12	Introduction to twinning. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 1995-2003.	2.5	109
13	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
14	Self-Assembly of Polyanions at a Metal Cation Template: Syntheses and Structures of $[Ag([18]aneS6)]_7^-$ and $[Ag([18]aneS6)]_3^-$ . Angewandte Chemie International Edition in English, 1995, 34, 2374-2376.	4.4	102
15	Effect of pressure on the crystal structure of L-serine-I and the crystal structure of L-serine-II at 5.4 GPa. Acta Crystallographica Section B: Structural Science, 2005, 61, 58-68.	1.8	97
16	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
17	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
18	Isotopic Polymorphism in Pyridine. Angewandte Chemie - International Edition, 2009, 48, 755-757.	13.8	81

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19	Synthesis, structure and properties of [Pt(2,2'-bipyridyl-5,5'-dicarboxylic acid)(3,4-toluenedithiolate)]: tuning molecular properties for application in dye-sensitised solar cells. Dalton Transactions, 2003, , 3757-3762.	3.3	79
20	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
21	Structural Chemistry of Pyridonate Complexes of Late 3d-Metals. Accounts of Chemical Research, 1997, 30, 89-95.	15.6	74
22	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
23	Single crystals of aspirin form II: crystallisation and stability. CrystEngComm, 2011, 13, 399-401.	2.6	66
24	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
25	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
26	The effect of pressure on the crystal structure of l-alanine. CrystEngComm, 2010, 12, 2573.	2.6	65
27	A New Bridging Ligand for the [Mo2]4+Dimer: Syntheses and X-ray Crystal Structures of the Redox Pair [Mo2{1/4-1-2-(NPh)2CNHPh}4]0/+. Inorganic Chemistry, 1997, 36, 867-871.	4.0	59
28	Pressure-induced Jahn-Teller switching in a Mn12 nanomagnet. Chemical Communications, 2010, 46, 1881-1883.	4.1	57
29	Steric Blocking of Methyl Bridging: 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
30	High-pressure polymorphism in salicylamide. CrystEngComm, 2010, 12, 1065.	2.6	52
31	Characterizing Pressure-Induced Uranium C-H Agostic Bonds. Angewandte Chemie - International Edition, 2015, 54, 6735-6739.	13.8	52
32	Probing the origin of the giant magnetic anisotropy in trigonal bipyramidal Ni(II) under high pressure. Chemical Science, 2018, 9, 1551-1559.	7.4	52
33	Template Assembly of Polyiodide Networks at Complexed Metal Cations: Synthesis and Structures of [Pd2Cl2([18]aneN2S4)]1.5I5(13)2 and [K([15]aneO5)2]I9. Angewandte Chemie - International Edition, 1998, 37, 293-296.	13.8	49
34	The isolation, characterisation, gas phase electron diffraction and crystal structure of the thermally stable radical [CF3CSNCSiCF3]E. Dalton Transactions RSC, 2000, , 3365-3382.	2.3	49
35	Changing cage structures through inter-ligand repulsions. Chemical Communications, 2000, , 811-812.	4.1	49
36	A study of the high-pressure polymorphs of L-serine using ab initio structures and PIXEL calculations. CrystEngComm, 2008, 10, 1154.	2.6	48

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37	Alanine at 13.6 GPa and its pressure-induced amorphisation at 15 GPa. <i>CrystEngComm</i> , 2011, 13, 5841.	2.6	48
38	Pressure-Driven Orbital Reorientations and Coordination Sphere Reconstructions in $[\text{CuF}_2(\text{H}_2\text{O})_2(\text{pyz})]$ . <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7490-7494.	13.8	47
39	Guanidines as chelating anionic ligands for early, middle and late transition metals: syntheses and crystal structures of $[\text{Ti}\{\text{1-2-(NPh)}_2\text{CNEt}_2\}_2\text{Cl}_2]$ , $[\text{Ru}\{\text{1-2-(NPh)}_2\text{CNHPh}\}_3]$ and $[\text{Pt}\{\text{1-2-(NPh)}_2\text{CNHPh}\}_2]$ . <i>Dalton Transactions RSC</i> , 2000, , 1887-1891.	2.3	45
40	Solvent extraction of metal sulfates by zwitterionic forms of ditopic ligands. <i>Dalton Transactions</i> , 2003, , 55-64.	3.3	45
41	Effect of pressure on the crystal structure of salicylaldoxime-I, and the structure of salicylaldoxime-II at 5.93 GPa. <i>Acta Crystallographica Section B: Structural Science</i> , 2006, 62, 1099-1111.	1.8	44
42	Destabilisation of hydrogen bonding and the phase stability of aniline at high pressure. <i>CrystEngComm</i> , 2013, 15, 1047-1060.	2.6	41
43	Polymerisation of a Cu(II) dimer into 1D chains using high pressure. <i>CrystEngComm</i> , 2009, 11, 2601.	2.6	39
44	Internal hydrogen bonding and amide co-ordination in zinc(ii) complexes of a tripodal N4 ligand: structural, spectroscopic and reactivity studies. <i>Dalton Transactions</i> , 2003, , 2156-2163.	3.3	38
45	Supramolecular assemblies from ditopic ligands and transition metal salts. <i>Dalton Transactions RSC</i> , 2000, , 3773-3782.	2.3	37
46	High-pressure polymorphism in L-serine monohydrate: identification of driving forces in high pressure phase transitions and possible implications for pressure-induced protein denaturation. <i>CrystEngComm</i> , 2008, 10, 1758.	2.6	37
47	Isomorphism, Disorder, and Hydration in the Crystal Structures of Racemic and Single-Enantiomer Carvedilol Phosphate. <i>Crystal Growth and Design</i> , 2010, 10, 2713-2733.	3.0	37
48	Internal hydrogen bonding in tetrahedral and trigonal bipyramidal zinc(ii) complexes of pyridine-based ligands. <i>Dalton Transactions</i> , 2003, , 3339-3349.	3.3	36
49	An ab Initio Study of Observed and Hypothetical Polymorphs of Glycine. <i>Crystal Growth and Design</i> , 2005, 5, 1437-1442.	3.0	36
50	Analysis of the compression of molecular crystal structures using Hirshfeld surfaces. <i>CrystEngComm</i> , 2008, , .	2.6	36
51	How focussing on hydrogen bonding interactions in amino acids can miss the bigger picture: a high-pressure neutron powder diffraction study of $\beta$ -glycine. <i>CrystEngComm</i> , 2015, 17, 5315-5328.	2.6	35
52	Piezochromism in Nickel Salicylaldoximate Complexes: Tuning Crystal Field Splitting with High Pressure. <i>Chemistry - A European Journal</i> , 2012, 18, 7738-7748.	3.3	33
53	Crystal Structures of Tris(tert-butyl)boron, -aluminum, -gallium, and -indium: Nonplanarity of the $\text{AlC}_3$ Skeleton and Evidence of Inter- and Intramolecular $\sigma$ -Agostic or Hyperconjugative Interactions. <i>Organometallics</i> , 2005, 24, 5702-5709.	2.3	31
54	A novel dodecanuclear chromium(iii) cage: structural control by choice of leaving group. <i>Chemical Communications</i> , 2000, , 579-580.	4.1	30

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55	Diazopyrazolones as weak solvent extractants for copper from ammonia leach solutions. Dalton Transactions RSC, 2001, , 1239-1245.	2.3	30
56	Pressure induced enhancement of the magnetic ordering temperature in rhenium(IV) monomers. Nature Communications, 2016, 7, 13870.	12.8	30
57	Structural studies of heptanuclear cobalt complexes and larger oligomers based on heptanuclear fragments. Dalton Transactions RSC, 2000, , 3242-3252.	2.3	29
58	Pressure-induced switching in a copper(ii) citrate dimer. CrystEngComm, 2010, 12, 2516.	2.6	29
59	Pressure as a tool in crystal engineering: inducing a phase transition in a high-Z structure. CrystEngComm, 2010, 12, 2520.	2.6	29
60	Quantum chemical topology and natural bond orbital analysis of M-O covalency in $M(OC_6H_5)_4$ ( $M = Ti, Zr, Hf, Ce, Th, Pa, U, Np$ ). Physical Chemistry Chemical Physics, 2020, 22, 16804-16812.	2.8	29
61	Analysing Friedel averages and differences. Acta Crystallographica Section A: Foundations and Advances, 2012, 68, 736-749.	0.3	28
62	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
63	Competition between hydrogen bonding and dispersion interactions in the crystal structures of the primary amines. CrystEngComm, 2014, 16, 3867-3882.	2.6	27
64	High-pressure polymorphism in l-threonine between ambient pressure and 22 GPa. CrystEngComm, 2019, 21, 4444-4456.	2.6	27
65	Polymorph evolution during crystal growth studied by 3D electron diffraction. IUCr, 2020, 7, 5-9.	2.2	27
66	Modeling Surface Engineering: Use of Polymetallic Iron Cages and Computer Graphics To Understand the Mode of Action of a Corrosion Inhibitor. Angewandte Chemie - International Edition, 1998, 37, 3245-3248.	13.8	26
67	Oligomeric structures of the crystalline dimethylamine adducts $Me_2(H)N \cdot MH_3$ ( $M = Al$ or $Ga$ ) and the dimethylamido derivative $[Me_2NGaH_2]_3$ . Dalton Transactions RSC, 2001, , 2141-2147.	2.3	26
68	Computational analysis of M-O covalency in $M(OC_6H_5)_4$ ( $M = Ti, Zr, Hf, Ce, Th, Pa, U, Np$ ). Dalton Transactions RSC, 2001, , 2141-2147.	3.8	26
69	A Unique Heterotopic Ligand for Sequential Synthesis of Polymetallic Complexes. European Journal of Inorganic Chemistry, 2002, 2002, 323-325.	2.0	25
70	Controlling Spin Switching with Anionic Supramolecular Frameworks. Chemistry of Materials, 2020, 32, 3229-3234.	6.7	25
71	Use of a miniature diamond-anvil cell in high-pressure single-crystal neutron Laue diffraction. IUCr, 2016, 3, 168-179.	2.2	25
72	Luminescent high nuclearity Cu(i)-alkynyl clusters, $[Cu_{16}(\mu_3-OC_6H_5)_8(\mu_3-OC_6H_5)_8]$ and $[Cu_{20}(\mu_3-OC_6H_5)_8(\mu_3-OC_6H_5)_8]$ . Dalton Transactions RSC, 2002, , 4395-4401.	2.3	24

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73	Exploiting supramolecular chemistry in metal recovery: novel zwitterionic extractants for nickel(ii) salts. Dalton Transactions, 2003, , 1932-1940.	3.3	24
74	Differences Between Gas-Phase and Solid-State Molecular Structures of the Simplest Phosphonium Ylide, Me <sub>3</sub> P=CH <sub>2</sub> . Angewandte Chemie - International Edition, 1998, 37, 1670-1672.	13.8	23
75	cis-[PtCl <sub>2</sub> (NH <sub>3</sub> ){2-(2-hydroxyethyl)pyridine}] <sup>+</sup> an Analogue of the Anticancer Drug AMD473: Unusual Hydrolysis Rates and pK <sub>a</sub> Values for the Diaqua Adduct. European Journal of Inorganic Chemistry, 2002, 2002, 1035-1039.	2.0	23
76	Îŕ-Glycine: insight into the mechanism of a polymorphic phase transition. IUCrJ, 2017, 4, 569-574.	2.2	23
77	Structure and dynamics of a platinum(II) aminophosphine complex and its nucleobase adducts. Dalton Transactions RSC, 2001, , 362-372.	2.3	22
78	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 Au <sub>2</sub> [Ph <sub>2</sub> P(CH <sub>2</sub> ) <sub>2</sub> N(NO)(CH <sub>2</sub> ) <sub>2</sub> PPh <sub>2</sub> ] <sub>2</sub> Cl <sub>2</sub> . New Journal of Chemistry, 2002, 26, 636-644.	2.8	22
79	<i>MrPIXEL</i>: automated execution of Pixel calculations via the <i>Mercury</i> interface. Journal of Applied Crystallography, 2020, 53, 1154-1162.	4.5	22
80	Structural and vibrational properties of ClC(O)SY compounds with Yâ€‰=â€‰Cl and CH <sub>3</sub> . New Journal of Chemistry, 2003, 27, 514-519.	2.8	21
81	Transport of metal salts; encapsulation of anions in dinuclear Cu(ii) complexes [Cu <sub>2</sub> L <sub>2</sub> SO <sub>4</sub> ] <sub>2</sub> SO <sub>4</sub> and [Cu <sub>2</sub> L <sub>2</sub> BF <sub>4</sub> ](BF <sub>4</sub> ) <sub>3</sub> , where L = 2,2â€™-[1,6-hexanediy]bis[(methylimino)methylene]]bis[4-tert-butyl-6-(phenylazomethyl)phenol]. Dalton Transactions RSC, 2002, , 3928-3930.	2.3	20
82	Molecular structure of trimethylphosphineâ€“gallane, Me <sub>3</sub> Pâ€“GaH <sub>3</sub> : gas-phase electron diffraction, single-crystal X-ray diffraction, and quantum chemical studies. Dalton Transactions, 2003, , 3526-3533.	3.3	20
83	Dimeric piperidino-alane and -gallane: metal hydrides with a cyclic M(Îŕ-N) <sub>2</sub> M core (M = Al or Ga). Dalton Transactions, 2003, , 540-543.	3.3	20
84	Crystal Structures and Glassy Phase Transition Behavior of Cyclohexene. Crystal Growth and Design, 2008, 8, 512-518.	3.0	20
85	Reversible Pressureâ€“Controlled Depolymerization of a Copper(II)â€“Containing Coordination Polymer. Chemistry - A European Journal, 2017, 23, 12480-12483.	3.3	20
86	Mapping the cooperativity pathways in spin crossover complexes. Chemical Science, 2021, 12, 1007-1015.	7.4	20
87	New linked and threaded cluster compounds. Chemical Communications, 2000, , 1549-1550.	4.1	19
88	Intermolecular interaction energies in transition metal coordination compounds. CrystEngComm, 2015, 17, 9300-9310.	2.6	19
89	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
90	Unique structural topologies involving metalâ€“metal and metalâ€“sulfur interactions: salts of [Ni(C <sub>3</sub> S <sub>5</sub> ) <sub>2</sub> ] <sup>2-</sup> with cis-anti-cis-dicyclohexyl-18-crown-6 complexed counter ions. Dalton Transactions RSC, 2001, , 1347-1351.	2.3	17

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91	Structural studies and matrix photochemistry of tetramethyloxorhenium(vi), (CH <sub>3</sub> ) <sub>4</sub> ReO, and related compounds. Dalton Transactions RSC, 2002, , 3142-3152.	2.3	17
92	Rationalisation of Co-Crystal Formation Through Knowledge-Mining. Crystallography Reviews, 2004, 10, 57-66.	1.5	17
93	Tagging (Arene)ruthenium(II) Anticancer Complexes with Fluorescent Labels. European Journal of Inorganic Chemistry, 2007, 2007, 2783-2796.	2.0	17
94	The effect of temperature and pressure on the crystal structure of piperidine. Chemistry Central Journal, 2015, 9, 18.	2.6	17
95	Helical, Polymeric Chains in Crystalline Gallaborane[GaBH <sub>6</sub> ] <sub>n</sub> at 110 K. Angewandte Chemie International Edition in English, 1997, 36, 890-891.	4.4	15
96	The effect of pressure and substituents on the size of pseudo-macrocyclic cavities in salicylaldehyde ligands. CrystEngComm, 2008, 10, 239-251.	2.6	15
97	Synthesis and structures of anionic rhenium polyhydride complexes of boron-hydride ligands and their application in catalysis. Chemical Science, 2020, 11, 9994-9999.	7.4	15
98	Effect of High Pressure on the Crystal Structures of Polymorphs of L-Histidine. Crystal Growth and Design, 2020, 20, 7788-7804.	3.0	15
99	Selbstorganisation von Polyanionen an einem Komplexkationen-Template: Synthesen und Strukturen von [Ag([18]anS <sub>6</sub> )] <sub>7</sub> und [Ag([18]anS <sub>6</sub> )] <sub>3</sub> . Angewandte Chemie, 1995, 107, 2563-2565.	2.0	14
100	Zinkorganische Phosphaniminato-Komplexe mit Heterocuban-Struktur. Chemische Berichte, 1996, 129, 1621-1625.	0.2	14
101	New high-spin clusters featuring transition metals. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 3119-3137.	3.4	14
102	[Cu <sub>18</sub> (hfac) <sub>10</sub> (C <sub>6</sub> H <sub>5</sub> ) <sub>8</sub> ]; Crystal structure of a novel luminescent cage compound with a triple copper sheet-structural motif. Dalton Transactions RSC, 2002, , 3427-3428.	2.3	14
103	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(CH <sub>2</sub> CH <sub>2</sub> PPh <sub>2</sub> ) <sub>2</sub> }] <sub>2</sub> I and [Pt <sub>3</sub> {N(CH <sub>2</sub> CH <sub>2</sub> PPh <sub>2</sub> ) <sub>3</sub> } <sub>2</sub> I <sub>2</sub> ]. Dedicated to Professor Joachim Strähle on the Occasion of his 65th Birthday. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2002, 628, 1875.	1.2	14
104	The Surprising Structures of B <sub>8</sub> F <sub>12</sub> and B <sub>10</sub> F <sub>12</sub> . Angewandte Chemie, 2003, 115, 591-593.	2.0	13
105	Structural characterization of a dizinc(ii) complex with bridging 2-phosphate diesters and internal N-H...O...P hydrogen bonding. Dalton Transactions, 2003, , 4385-4386.	3.3	12
106	The effect of pressure on the crystal structure of bianthrone. Acta Crystallographica Section B: Structural Science, 2011, 67, 226-237.	1.8	12
107	Accurate hydrogen parameters for the amino acid L-leucine. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 885-892.	1.1	12
108	Single-Crystal X-Ray Diffraction Study of Pressure and Temperature-Induced Spin Trapping in a Bistable Iron(II) Hofmann Framework. Angewandte Chemie - International Edition, 2020, 59, 3106-3111.	13.8	12



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109	High-pressure polymorphism in pyridine. <i>IUCr</i> , 2020, 7, 58-70.	2.2	12
110	Comparison of the high-pressure and low-temperature structures of sulfuric acid. <i>Dalton Transactions RSC</i> , 2002, , 1867-1871.	2.3	11
111	Alloxanâ€”a new low-temperature phase determined by neutron powder diffraction. <i>CrystEngComm</i> , 2008, 10, 465.	2.6	11
112	Ultra-low temperature structure determination of a Mn <sub>12</sub> single-molecule magnet and the interplay between lattice solvent and structural disorder. <i>CrystEngComm</i> , 2013, 15, 3423.	2.6	11
113	Elastically Flexible Crystals have Disparate Mechanisms of Molecular Movement Induced by Strain and Heat. <i>Angewandte Chemie</i> , 2018, 130, 11495-11498.	2.0	11
114	The Effect of Pressure on Halogen Bonding in 4-Iodobenzonitrile. <i>Molecules</i> , 2019, 24, 2018.	3.8	11
115	Re-entrant structural phase transition in a frustrated kagome magnet, Rb <sub>2</sub> SnCu <sub>3</sub> F <sub>12</sub> . <i>CrystEngComm</i> , 2013, 15, 7426.	2.6	10
116	Revealing the early stages of carbamazepine crystallization by cryoTEM and 3D electron diffraction. <i>IUCr</i> , 2021, 8, 860-866.	2.2	10
117	Molecular structure of ButCl <sub>2</sub> SiSiCl <sub>2</sub> But in the gas phase by electron diffraction and ab initio calculations. Molecular structures of the compounds ButX <sub>2</sub> SiSiX <sub>2</sub> But (X = Cl, Br or I) by vibrational spectroscopy, X-ray crystallography and ab initio calculationsâ€”. <i>Dalton Transactions RSC</i> , 2001, , 2916-2925.	2.3	9
118	A Convenient Synthesis of Pyranosyl-1-carbaldoximes. <i>Synthetic Communications</i> , 2003, 33, 1707-1715.	2.1	9
119	Organometallic Osmium(II) and Ruthenium(II) Biphenyl Sandwich Complexes: X-ray Crystal Structures and <sup>187</sup> O s NMR Spectroscopic Studies in Solution. <i>European Journal of Inorganic Chemistry</i> , 2009, 2673-2677.	2.0	9
120	Effect of high pressure on the crystal structure and charge transport properties of the (2-fluoro-3-pyridyl)(4-iodophenyl)borinic 8-oxyquinolate complex. <i>CrystEngComm</i> , 2014, 16, 10780-10790.	2.6	9
121	Preorganized tridentate analogues of mixed hydroxyoxime/carboxylate nickel extractants. <i>Dalton Transactions</i> , 2016, 45, 3734-3742.	3.3	9
122	Compression of glycolide-h <sub>4</sub> to 6â€”GPa. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 1151-1157.	1.1	9
123	Automated oxidation-state assignment for metal sites in coordination complexes in the Cambridge Structural Database. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 1096-1105.	1.1	9
124	Structure and vibrational properties of ethyltrioxorhenium(vii), C <sub>2</sub> H <sub>5</sub> ReO <sub>3</sub> , investigated by gas electron diffraction, single crystal X-ray diffraction, IR spectroscopy and quantum chemical calculations. <i>Dalton Transactions RSC</i> , 2002, , 3342.	2.3	8
125	Phase transition sequences in tetramethylammonium tetrachlorometallates by X-ray diffraction and spectroscopic measurements. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 844-855.	1.1	8
126	Helicale, polymere Ketten im kristallinen Gallaboran [GaBH <sub>6</sub> ] <sub>n</sub> bei 110 K. <i>Angewandte Chemie</i> , 1997, 109, 910-911.	2.0	7



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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	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
129	Behavior of Occupied and Void Space in Molecular Crystal Structures at High Pressure. Crystal Growth and Design, 2022, 22, 2328-2341.	3.0	7
130	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
131	Cyanide-Bridged Bimetallic High Spin Molecules. Molecular Crystals and Liquid Crystals, 1999, 335, 483-494.	0.3	6
132	A Luminescent One-Dimensional Copper(I) Polymer. Journal of Cluster Science, 2000, 11, 227-232.	3.3	6
133	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 (3+2) and 1,1-cycloaddition reactions. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 1139-1148.	1.3	6
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