

# Robert Cernik

## List of Publications by Year in descending order

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122  
papers

3,393  
citations

147801

31  
h-index

168389

53  
g-index

126  
all docs

126  
docs citations

126  
times ranked

3193  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of thermal treatment on the stability of Na <sup>+</sup> Mn <sup>2+</sup> W/SiO <sub>2</sub> catalyst for the oxidative coupling of methane. <i>Faraday Discussions</i> , 2021, 229, 176-196.	3.2	28
2	Multi-length scale 5D diffraction imaging of Ni <sup>+</sup> Pd/CeO <sub>2</sub> •ZrO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> catalyst during partial oxidation of methane. <i>Journal of Materials Chemistry A</i> , 2021, 9, 11331-11346.	10.3	12
3	Nanoscale Chevrel-Phase Mo <sub>6</sub> S <sub>8</sub> Prepared by a Molecular Precursor Approach for Highly Efficient Electrocatalysis of the Hydrogen Evolution Reaction in Acidic Media. <i>ACS Applied Energy Materials</i> , 2021, 4, 13015-13026.	5.1	12
4	Enhanced hyperspectral tomography for bioimaging by spatio-spectral reconstruction. <i>Scientific Reports</i> , 2021, 11, 20818.	3.3	10
5	<i>In situ</i> X-ray diffraction computed tomography studies examining the thermal and chemical stabilities of working Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3-<math>\delta</math></sub> membranes during oxidative coupling of methane. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 18964-18975.	2.8	16
6	Rapid and Low-Temperature Molecular Precursor Approach toward Ternary Layered Metal Chalcogenides and Oxides: Mo <sub>1-x</sub> W <sub>x</sub> S <sub>2</sub> and Mo <sub>1-x</sub> W <sub>x</sub> O <sub>3</sub> Alloys (0 ≤ x ≤ 1). <i>Chemistry of Materials</i> , 2020, 32, 7895-7907.	6.7	13
7	The nondestructive measurement of strain distributions in air plasma sprayed thermal barrier coatings as a function of depth from entire Debye-Scherrer rings. <i>Journal of Applied Crystallography</i> , 2020, 53, 69-75.	4.5	7
8	Solid solutions of M <sub>2x</sub> In <sub>2x</sub> S <sub>3</sub> (M = Bi or Sb) by solventless thermolysis. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5112-5121.	5.5	8
9	Operando and Postreaction Diffraction Imaging of the La <sup>+</sup> Sr/CaO Catalyst in the Oxidative Coupling of Methane Reaction. <i>Journal of Physical Chemistry C</i> , 2019, 123, 1751-1760.	3.1	28
10	Real-Time Operando Diffraction Imaging of La <sup>+</sup> Sr/CaO During the Oxidative Coupling of Methane. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2221-2230.	3.1	23
11	Rapid fabrication of mesoporous TiO <sub>2</sub> thin films by pulsed fibre laser for dye sensitized solar cells. <i>Applied Surface Science</i> , 2018, 428, 1089-1097.	6.1	12
12	High Energy Resolution Hyperspectral X-Ray Imaging for Low-Dose Contrast-Enhanced Digital Mammography. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 1784-1795.	8.9	14
13	Understanding the residual stress distribution through the thickness of atmosphere plasma sprayed (APS) thermal barrier coatings (TBCs) by high energy synchrotron XRD; digital image correlation (DIC) and image based modelling. <i>Acta Materialia</i> , 2017, 132, 1-12.	7.9	80
14	Residual stress distribution analysis of heat treated APS TBC using image based modelling. <i>Data in Brief</i> , 2017, 13, 557-561.	1.0	4
15	A rapid two-dimensional data collection system for the study of ferroelectric materials under external applied electric fields. <i>Journal of Applied Crystallography</i> , 2016, 49, 1501-1507.	4.5	12
16	The development of synchrotron X-ray diffraction at Daresbury Laboratory and its legacy for materials imaging. <i>Journal of Non-Crystalline Solids</i> , 2016, 451, 2-9.	3.1	6
17	A synchrotron X-ray diffraction deconvolution method for the measurement of residual stress in thermal barrier coatings as a function of depth. <i>Journal of Applied Crystallography</i> , 2016, 49, 1904-1911.	4.5	18
18	Interlaced X-ray diffraction computed tomography. <i>Journal of Applied Crystallography</i> , 2016, 49, 485-496.	4.5	40

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19	Strain evolution during hydride precipitation in Zircaloy-4 observed with synchrotron X-ray diffraction. <i>Journal of Nuclear Materials</i> , 2016, 474, 45-61.	2.7	24
20	Tungsten Bronze Barium Neodymium Titanate ( $\text{Ba}_3\text{Nd}_{8+2}\text{Ti}_{18}\text{O}_{54}$ ): An Intrinsic Nanostructured Material and Its Defect Distribution. <i>Inorganic Chemistry</i> , 2016, 55, 3338-3350.	4.0	17
21	Precise strain profile measurement as a function of depth in thermal barrier coatings using high energy synchrotron X-rays. <i>Scripta Materialia</i> , 2016, 113, 122-126.	5.2	28
22	Removing multiple outliers and single-crystal artefacts from X-ray diffraction computed tomography data. <i>Journal of Applied Crystallography</i> , 2015, 48, 1943-1955.	4.5	39
23	Zirconium hydride precipitation kinetics in Zircaloy-4 observed with synchrotron X-ray diffraction. <i>Journal of Nuclear Materials</i> , 2015, 464, 160-169.	2.7	41
24	Imaging of Ra-223 with a small-pixel CdTe detector. <i>Journal of Instrumentation</i> , 2015, 10, C01029-C01029.	1.2	7
25	Full-field energy-dispersive powder diffraction imaging using laboratory X-rays. <i>Journal of Applied Crystallography</i> , 2015, 48, 269-272.	4.5	6
26	Progressive damage in satin weave carbon/epoxy composites under quasi-static punch-shear loading. <i>Polymer Testing</i> , 2015, 41, 82-91.	4.8	26
27	Dark-field hyperspectral X-ray imaging. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2014, 470, 20130629.	2.1	19
28	Chemical imaging of the sulfur-induced deactivation of Cu/ZnO catalyst bodies. <i>Journal of Catalysis</i> , 2014, 314, 94-100.	6.2	35
29	Material specific X-ray imaging using an energy-dispersive pixel detector. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2014, 324, 25-28.	1.4	13
30	Multiple Module Pixellated CdTe Spectroscopic X-Ray Detector. <i>IEEE Transactions on Nuclear Science</i> , 2013, 60, 1197-1200.	2.0	28
31	Pair distribution function computed tomography. <i>Nature Communications</i> , 2013, 4, 2536.	12.8	96
32	Non-invasive imaging of the crystalline structure within a human tooth. <i>Acta Biomaterialia</i> , 2013, 9, 8337-8345.	8.3	29
33	Noninvasive Spatiotemporal Profiling of the Processes of Impregnation and Drying within $\text{Mo}_2\text{O}_3$ Catalyst Bodies by a Combination of X-ray Absorption Tomography and Diagonal Offset Raman Spectroscopy. <i>ACS Catalysis</i> , 2013, 3, 339-347.	11.2	23
34	Multivariate analysis of hyperspectral hard X-ray images. <i>X-Ray Spectrometry</i> , 2013, 42, 151-157.	1.4	16
35	A laboratory system for element specific hyperspectral X-ray imaging. <i>Analyst</i> , 2013, 138, 755-759.	3.5	42
36	The chemical durability of glass and graphite-glass composite doped with cesium oxide. <i>Journal of Nuclear Materials</i> , 2013, 432, 529-538.	2.7	3

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37	Simultaneous measurement of X-ray powder diffraction and ferroelectric polarisation data as a function of applied electric field at a range of frequencies. Powder Diffraction, 2013, 28, S220-S227.	0.2	7
38	A CdTe detector for hyperspectral SPECT imaging. Journal of Instrumentation, 2012, 7, P08027-P08027.	1.2	20
39	Simultaneous measurement of X-ray diffraction and ferroelectric polarization data as a function of applied electric field and frequency. Journal of Synchrotron Radiation, 2012, 19, 710-716.	2.4	20
40	Characterisation of vapour grown CdZnTe crystals using synchrotron X-ray topography. Journal of Crystal Growth, 2012, 343, 1-6.	1.5	14
41	Structures and microwave dielectric properties of Ca(1-x)Nd <sub>2x/3</sub> TiO <sub>3</sub> ceramics. Journal of the European Ceramic Society, 2012, 32, 3791-3799.	5.7	46
42	A high-resolution synchrotron powder diffraction study of substituted gallium ferrites using flat-plate fixed angle of incidence geometry on beamline I11 at Diamond. Journal of Applied Crystallography, 2012, 45, 174-181.	4.5	1
43	A new approach to synchrotron energy-dispersive X-ray diffraction computed tomography. Journal of Synchrotron Radiation, 2012, 19, 471-477.	2.4	13
44	Multivariate analysis of pixelated diffraction data. Journal of Instrumentation, 2011, 6, C12027-C12027.	1.2	9
45	Small pixel CZT detector for hard X-ray spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 158-161.	1.6	34
46	A synchrotron tomographic energy-dispersive diffraction imaging study of the aerospace alloy Ti 6246. Journal of Applied Crystallography, 2011, 44, 150-157.	4.5	12
47	Coherent imaging using diffracted X-rays. Crystallography Reports, 2010, 55, 1162-1173.	0.6	3
48	Microstructure and properties of Co-, Ni-, Zn-, Nb- and W-modified multiferroic BiFeO <sub>3</sub> ceramics. Journal of the European Ceramic Society, 2010, 30, 727-736.	5.7	152
49	Effects of packing fraction and bond valence on microwave dielectric properties of A <sub>2</sub> B <sub>6</sub> O <sub>4</sub> (A <sub>2</sub> <sup>+</sup> ) <sub>Tj</sub> ETQq1 1 0.784314 r <sub>BT</sub> /Ove <sub>396</sub>	5.7	396
50	An in situ high pressure-high temperature powder diffraction study of the formation of a precursor phase of bismuth manganite. Ceramics International, 2010, 36, 2315-2321.	4.8	2
51	IN-SITU X-RAY DIFFRACTION STUDY OF FERROELECTRIC DOMAIN SWITCHING IN ORTHORHOMBIC NKN CERAMICS. Functional Materials Letters, 2010, 03, 31-34.	1.2	8
52	Comparative determination of the $\hat{1}\pm/\hat{1}^2$ phase fraction in $\hat{1}\pm+\hat{1}^2$ -titanium alloys using X-ray diffraction and electron microscopy. Materials Characterization, 2009, 60, 1248-1256.	4.4	43
53	Performance limitations of the pixelated ERD detector with respect to imaging using the rapid Tomographic Energy Dispersive Diffraction Imaging system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, 119-122.	1.6	3
54	An in situ study of the formation of multiferroic bismuth ferrite using high resolution synchrotron X-ray powder diffraction. Journal of the European Ceramic Society, 2008, 28, 2567-2572.	5.7	30

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55	X-ray colour imaging. <i>Journal of the Royal Society Interface</i> , 2008, 5, 477-481.	3.4	35
56	X-ray performance of pixilated CdZnTe detectors. , 2008, , .		1
57	Direct correlation between ferrite microstructure and electrical resistivity. <i>Journal of Applied Physics</i> , 2007, 101, 104912.	2.5	12
58	A synchrotron X-ray study of structural ordering in the microwave dielectric ceramic system: $Ba(Ni_{1/3}Nb_{2/3})O_3$ vs $Ba(Zn_{1/3}Nb_{2/3})O_3$ . <i>Journal of Applied Crystallography</i> , 2007, 40, 749-755.	4.5	1
59	High-Temperature Structural Phase Transition in $Ca_{0.7}Ti_{0.7}La_{0.3}Al_{0.3}O_3$ : Investigation by Synchrotron X-Ray Diffraction. <i>Journal of the American Ceramic Society</i> , 2007, 90, 3947-3952.	3.8	3
60	The manufacture of a very high precision x-ray collimator array for rapid tomographic energy dispersive diffraction imaging (TEDDI). <i>Measurement Science and Technology</i> , 2006, 17, 1767-1775.	2.6	16
61	Application notes on the use of softer X-rays for anomalous powder diffraction. <i>Journal of Synchrotron Radiation</i> , 2005, 12, 431-433.	2.4	2
62	The uses of softer X-rays in structural studies. <i>Journal of Synchrotron Radiation</i> , 2005, 12, 391-391.	2.4	1
63	The role of residual stress in the fracture properties of a natural ceramic. <i>Journal of Materials Chemistry</i> , 2005, 15, 947.	6.7	18
64	X-ray beam characteristics on MPW6.2 at the SRS. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2004, 222, 659-666.	1.4	15
65	The new materials processing beamline at the SRS Daresbury, MPW6.2. <i>Journal of Synchrotron Radiation</i> , 2004, 11, 163-170.	2.4	54
66	A new high-flux chemical and materials crystallography station at the SRS Daresbury. 1. Design, construction and test results. Corrigendum. <i>Journal of Synchrotron Radiation</i> , 2000, 7, 40-40.	2.4	10
67	Crystallisation Kinetics and Phase Relations of Wollastonite by Real Time Synchrotron Powder Diffraction. <i>Materials Science Forum</i> , 2000, 321-324, 224-229.	0.3	4
68	Ab initio structure determination of sulfathiazole polymorph V from synchrotron X-ray powder diffraction data. <i>Journal of Applied Crystallography</i> , 1999, 32, 436-441.	4.5	47
69	In situ study of the solid-solid phase transitions occurring in real diesel wax crystalline systems using differential scanning calorimetry and high-resolution synchrotron X-ray powder diffraction. <i>Journal of Materials Chemistry</i> , 1999, 9, 2385-2392.	6.7	16
70	Electrostatically driven charge-ordering in $Fe_2O_3$ . <i>Nature</i> , 1998, 396, 655-658.	27.8	108
71	A new three-angle energy-dispersive diffractometer. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1998, 134, 310-313.	1.4	41
72	Solution of the Crystal and Molecular Structure of Complex Low-Symmetry Organic Compounds with Powder Diffraction Techniques: Fluorescein Diacetate. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2340-2343.	13.8	28

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73	Microbeam X-ray diffraction studies of structural properties of polycrystalline metals by means of synchrotron radiation. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1998, 247, 81-87.	5.6	12
74	New high- and low-temperature apparatus for synchrotron polycrystalline X-ray diffraction. <i>Journal of Synchrotron Radiation</i> , 1998, 5, 929-931.	2.4	15
75	Station 16.3: a High-Resolution Single-Crystal Diffraction Facility at the SRS, Daresbury. <i>Journal of Synchrotron Radiation</i> , 1998, 5, 1263-1269.	2.4	25
76	&lt;i>In situ</i> X-Ray Diffraction Method to Study Natural Gas Hydrates. <i>Materials Science Forum</i> , 1998, 278-281, 335-341.	0.3	1
77	Crystal Structure and Magnetic Properties of Fe<sub>2</sub>O<sub>3</sub>. <i>Materials Science Forum</i> , 1998, 278-281, 708-713.	0.3	1
78	The Use of Brilliance in Powder Diffraction: Towards High Resolution Kinetic Studies. <i>Materials Science Forum</i> , 1998, 278-281, 312-317.	0.3	0
79	The Au-substituted Al - Cu - Fe icosahedral phase: evidence for bond hybridization. <i>Journal of Physics Condensed Matter</i> , 1997, 9, 7523-7540.	1.8	2
80	A New High-Flux Chemical and Materials Crystallography Station at the SRS Daresbury. 1. Design, Construction and Test Results. <i>Journal of Synchrotron Radiation</i> , 1997, 4, 279-286.	2.4	171
81	Applied crystallography solutions to problems in industrial solid-state chemistry. Case examples with ceramics, cements and zeolites. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 2187.	1.7	30
82	High-Pressure Cell for the Study of In-Situ Hydrates Using Energy-Dispersive X-ray Diffraction. <i>Journal of Synchrotron Radiation</i> , 1996, 3, 220-224.	2.4	3
83	Rietveld Studies of Leucite Analogues. <i>Materials Science Forum</i> , 1996, 228-231, 765-770.	0.3	1
84	High-Resolution X-Ray Powder Diffraction Studies of Some Mg- and Si- Substituted Brownmillerites. <i>Materials Science Forum</i> , 1996, 228-231, 759-764.	0.3	1
85	A New White Beam Powder Diffraction Facility at the Daresbury Laboratory Synchrotron Radiation Source. <i>Materials Science Forum</i> , 1996, 228-231, 213-218.	0.3	14
86	The Breadth and Shape of Instrumental Line Profiles for the Powder Diffraction Station 2.3 at the Daresbury Laboratory SRS. <i>Materials Science Forum</i> , 1996, 228-231, 207-212.	0.3	4
87	A near-ambient-temperature-control cell for use with synchrotron X-ray powder diffraction. <i>Journal of Applied Crystallography</i> , 1995, 28, 651-653.	4.5	3
88	Industrial aspects of synchrotron X-ray powder diffraction. <i>Radiation Physics and Chemistry</i> , 1995, 45, 445-457.	2.8	7
89	Structural studies of semiconductors at very high pressures. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1995, 97, 354-357.	1.4	28
90	Five new experimental stations at the SRS Daresbury from a 6 T superconducting wiggler magnet. <i>Review of Scientific Instruments</i> , 1995, 66, 1633-1635.	1.3	10

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91	Magnetic X-ray powder diffraction from antiferromagnetic uranium dioxide. <i>Journal of Physics Condensed Matter</i> , 1995, 7, L223-L229.	1.8	19
92	Synchrotron X-Ray Powder Diffraction Facilities at Daresbury Laboratory. <i>Materials Science Forum</i> , 1994, 166-169, 233-236.	0.3	0
93	Structures of synthetic $K_2MgSi_5O_{12}$ leucites by integrated X-ray powder diffraction, electron diffraction and $^{29}Si$ MAS NMR methods. <i>Acta Crystallographica Section B: Structural Science</i> , 1994, 50, 31-41.	1.8	35
94	The structure of aurichalcite, $(Cu,Zn)_5(OH)_6(CO_3)_2$ , determined from a microcrystal. <i>Acta Crystallographica Section B: Structural Science</i> , 1994, 50, 673-676.	1.8	46
95	Using in-situ synchrotron radiation powder diffraction to characterize growth-related structural polymorphic phase transformations in cis-9-cis-octadecenoic acid. <i>Journal of Crystal Growth</i> , 1993, 128, 1263-1267.	1.5	9
96	Indexing unit cells from synchrotron X-ray powder diffraction data. <i>Journal of Applied Crystallography</i> , 1993, 26, 277-280.	4.5	8
97	The effects of isovalent and non-isovalent impurities on the ferroelectric phase transition in barium titanate. <i>Journal of Physics Condensed Matter</i> , 1993, 5, 5963-5970.	1.8	10
98	Mechanically induced chemical decomposition of $C_{60}$ -n-pentane clathrate at room temperature. <i>Physical Review B</i> , 1993, 48, 7682-7684.	3.2	15
99	A two-circle powder diffractometer for synchrotron radiation on Station 2.3 at the SRS. <i>Review of Scientific Instruments</i> , 1992, 63, 1013-1014.	1.3	58
100	An in situ x-ray diffraction method for the structure of amorphous thin films using shallow angles of incidence. <i>Review of Scientific Instruments</i> , 1992, 63, 1150-1152.	1.3	4
101	An imaging plate system for high-pressure powder diffraction: The data processing side. <i>Review of Scientific Instruments</i> , 1992, 63, 700-703.	1.3	68
102	The general purpose two-circle diffractometer on Station 9.1, Daresbury Laboratory. <i>Review of Scientific Instruments</i> , 1992, 63, 999-1001.	1.3	24
103	The development of synchrotron x-ray area detectors for studying high pressure phase transitions. <i>Phase Transitions</i> , 1992, 39, 187-198.	1.3	7
104	Making synchrotrons work for industry. <i>Physics World</i> , 1992, 5, 35-42.	0.0	0
105	Fluctuation-swamped discontinuous phase changes in lightly doped ferroelectric barium titanate. <i>Journal of Physics Condensed Matter</i> , 1992, 4, 4387-4398.	1.8	10
106	Angle-dispersive powder diffraction techniques for crystal structure refinement at high pressure. <i>Review of Scientific Instruments</i> , 1992, 63, 1039-1042.	1.3	59
107	High pressure structural study on $C_{60}$ powder. <i>Solid State Communications</i> , 1992, 84, 1081-1083.	1.9	9
108	X-ray and electron diffraction studies of the structures of pseudo-perovskite compounds $Pb_2(Sc,Ta)O_6$ and $Pb_2(Mg,W)O_6$ . <i>Journal of Applied Crystallography</i> , 1992, 25, 477-487.	4.5	45

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109	X-ray diffraction study of Hafnia under high pressure using synchrotron radiation. <i>Journal of Physics and Chemistry of Solids</i> , 1991, 52, 1181-1186.	4.0	110
110	The structure of cimetidine (C <sub>10</sub> H <sub>16</sub> N <sub>6</sub> S) solved from synchrotron-radiation X-ray powder diffraction data. <i>Journal of Applied Crystallography</i> , 1991, 24, 222-226.	4.5	90
111	The breadth and shape of instrumental line profiles in high-resolution powder diffraction. <i>Journal of Applied Crystallography</i> , 1991, 24, 913-919.	4.5	78
112	The structure of a C:H by neutron and X-ray scattering. <i>Surface and Coatings Technology</i> , 1991, 47, 668-676.	4.8	16
113	The ferroelectric phase transition in pure and lightly doped barium titanate. <i>Journal of Physics Condensed Matter</i> , 1991, 3, 4555-4567.	1.8	20
114	Lattice-parameter determination for powders using synchrotron radiation. <i>Journal of Applied Crystallography</i> , 1990, 23, 286-291.	4.5	41
115	A two-circle powder diffractometer for synchrotron radiation with a closed loop encoder feedback system. <i>Journal of Applied Crystallography</i> , 1990, 23, 292-296.	4.5	90
116	Powder diffraction facilities at Daresbury Laboratory. <i>Review of Scientific Instruments</i> , 1989, 60, 2376-2379.	1.3	11
117	Synchrotron X-ray powder diffraction study of (Pb <sub>1-3x</sub> /2La <sub>x</sub> ) (Zr <sub>y</sub> Ti <sub>1-y</sub> )O <sub>3</sub> at elevated temperatures. <i>Journal of Physics Condensed Matter</i> , 1989, 1, 6019-6023.	1.8	5
118	The crystal and molecular structure of cis-diammine-1,1-cyclobutanedicarboxoplatinum(II) [cis-Pt(NH <sub>3</sub> ) <sub>2</sub> CBDCa]. Dynamic puckering of the cyclobutane ring. <i>Journal of Molecular Structure</i> , 1985, 130, 97-102.	3.6	51
119	Preparation of sulphenamidines. X-Ray crystal structure of N 1,N 1-dimethyl-N 2-methylthiobenzamidine. <i>Journal of the Chemical Society Chemical Communications</i> , 1983, , 390.	2.0	4
120	Rapid intramolecular 1,4-hydride transfer across a rigid 4-hydroxycycloheptanone. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1982, , 361.	0.9	17
121	A [2 + 2] photo-adduct of 8-methoxypsoralen and thymine: X-ray crystal structure; a model for the reaction of psoralens with DNA in the phototherapy of psoriasis. <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 22.	2.0	37
122	Phase transitions in triamantane. <i>Solid State Communications</i> , 1978, 27, 1017-1019.	1.9	9