

# Armel Le Bail

## List of Publications by Year in descending order

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140  
papers

7,765  
citations

172457

29  
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51608

86  
g-index

150  
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150  
docs citations

150  
times ranked

9731  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymorphism of $K_2ZrF_6$ . <i>Crystal Growth and Design</i> , 2020, 20, 3867-3881.	3.0	4
2	Data reduction to $ F_{hkl} $ values. , 2019, , 282-287.		2
3	A quarter of a century after its synthesis and with >200 papers based on its use, $Co_3(OH)_{0.5}O_2$ proves to be $Co_6(CO_3)_2(OH)_8 \cdot H_2O$ from synchrotron powder diffraction data. <i>Acta Crystallographica Section C: Structural Chemistry</i> , 2019, 75, 61-64.	0.5	22
4	Ab initio structure determination of kidney stone potassium quadriurate from synchrotron powder diffraction data, a 150 year problem solved. <i>Comptes Rendus Chimie</i> , 2016, 19, 1535-1541.	0.5	10
5	Face-sharing octahedra in $Cs_3Al_2F_9$ and $Cs_2AlF_5$ . <i>Powder Diffraction</i> , 2015, 30, 130-138.	0.2	1
6	$La_{10}W_2O_{21}$ : An Anion-Deficient Fluorite-Related Superstructure with Oxide Ion Conduction. <i>Inorganic Chemistry</i> , 2014, 53, 147-159.	4.0	24
7	On two new $K_2FeF_5$ forms. <i>Powder Diffraction</i> , 2014, 29, 33-41.	0.2	4
8	Launching the Theoretical Crystallography Open Database. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C1736-C1736.	0.1	6
9	Chemical information presentation in the Crystallography Open Database. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C1710-C1710.	0.1	0
10	Decafluorocyclohex-1-ene at 4.2 K crystal structure and theoretical analysis of weak interactions. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2013, 69, 395-404.	1.1	4
11	A new compound in kidney stones? Powder X-ray diffraction study of calcium glycinate trihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 734-737.	0.4	12
12	Tetrapotassium pyrophosphates $K_3$ - and $K_4$ - $P_2O_7$ . <i>Powder Diffraction</i> , 2013, 28, 2-12.	0.2	6
13	$C_6F_{10}$ at 4.2 K crystal structure and theoretical analysis of weak interactions. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2013, 69, s540-s540.	0.3	1
14	Tetraammine(carbonato) $_2$ cobalt(III) nitrate: a powder X-ray diffraction study. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, i42-i43.	0.2	3
15	Crystallography Open Database (COD): an open-access collection of crystal structures and platform for world-wide collaboration. <i>Nucleic Acids Research</i> , 2012, 40, D420-D427.	14.5	826
16	Mixed metal III-IV hybrid fluorides. <i>Journal of Fluorine Chemistry</i> , 2012, 134, 29-34.	1.7	10
17	The anion-excess fluorite structure of $Pb_{1-x}F_{2+x}(0.25 \leq x \leq 0.27)$ . <i>Powder Diffraction</i> , 2011, 26, 303-307.	0.2	2
18	Ab initio structure determination of 3,4-diaminopyridin-1-ium dihydrogen phosphate. <i>Powder Diffraction</i> , 2011, 26, 321-325.	0.2	7

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19	Microtwinning hypothesis for a more ordered vaterite model. Powder Diffraction, 2011, 26, 16-21.	0.2	58
20	7,9-Bis(hydroxymethyl)-7H-purine-2,6,8(1H,3H,9H)trione. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1458-o1458.	0.2	3
21	<i>Ab initio</i> structure determination of bethanechol chloride. Powder Diffraction, 2010, 25, 229-234.	0.2	1
22	Dilead(II) chromium(III) heptafluoride. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, i32-i33.	0.2	0
23	Evolution of Guanazolium Fluoroaluminates within the Composition-Space Diagram and with the Temperature. Crystal Growth and Design, 2010, 10, 5159-5168.	3.0	7
24	Di <sup>1/4</sup> -fluoro-bis[aqua-(dimethyl sulfoxide)-trifluorozirconium(IV)]. Powder Diffraction, 2010, 25, 329-335.	0.2	2
25	Novel Layered Hybrid Fluoroaluminate in the Composition Space Diagram of the Al(OH) <sub>3</sub> -HguaCl-HFaq-EtOH System. Inorganic Chemistry, 2010, 49, 2392-2397.	4.0	17
26	Databases of virtual inorganic crystal structures and their applications. Physical Chemistry Chemical Physics, 2010, 12, 8521.	2.8	6
27	Software for maintaining and expanding the Crystallography Open Database. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s313-s313.	0.3	0
28	Third structure determination by powder diffractometry round robin (SDPDRR-3). Powder Diffraction, 2009, 24, 254-262.	0.2	31
29	<i>Ab initio</i> structure determination of nanosized $\text{KAlF}_4$ with edge-sharing $\text{AlF}_6$ octahedra. Powder Diffraction, 2009, 24, 185-190.	0.2	6
30	Racemic calcium tartrate tetrahydrate [form (II)] in rat urinary stones. Acta Crystallographica Section B: Structural Science, 2009, 65, 350-354.	1.8	21
31	Crystallography Open Database "an open-access collection of crystal structures. Journal of Applied Crystallography, 2009, 42, 726-729.	4.5	1,157
32	Structure Determination of La <sub>18</sub> W <sub>10</sub> O <sub>57</sub> . Inorganic Chemistry, 2009, 48, 6566-6572.	4.0	15
33	Thermodiffractometry and crystal structures of the hexagonal-tungsten-bronze-related $\text{K}_3\text{Al}_3\text{F}_{12}\cdot n\text{H}_2\text{O}$ ( $n=2,1$ ). Powder Diffraction, 2009, 24, 292-300.	0.2	2
34	Structure Solution. , 2009, , 261-309.		0
35	Sr <sub>5</sub> (VIVO <sub>5</sub> ) <sub>3</sub> F(H <sub>2</sub> O) <sub>3</sub> refined from a non-merohedrally twinned crystal. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, i46-i47.	0.2	3
36	Crystal structure of NaAlF <sub>4</sub> , a new aristotype. Powder Diffraction, 2009, 24, 301-305.	0.2	5

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37	[Cu <sub>2</sub> (HF <sub>2</sub> )(H <sub>2</sub> O) <sub>8</sub> ][FeF <sub>6</sub> ] $\cdot$ 2H <sub>2</sub> O. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, i23-i24.	0.2	1
38	Frontiers between crystal structure prediction and determination by powder diffractometry. Powder Diffraction, 2008, 23, S5-S12.	0.2	10
39	Chapter 5. The Profile of a Bragg Reflection for Extracting Intensities. , 2008, , 134-165.		6
40	The predicted powder diffraction database (P2D2). Acta Crystallographica Section A: Foundations and Advances, 2008, 64, C626-C626.	0.3	0
41	The third structure determination by powder diffractometry round robin (SDPDRR-3). Acta Crystallographica Section A: Foundations and Advances, 2008, 64, C209-C210.	0.3	0
42	Inorganic Structure Prediction: Too much and not Enough. Solid State Phenomena, 2007, 130, 1-6.	0.3	3
43	A new 1D hybrid fluoroaluminate templated by an original tetramine. Polyhedron, 2007, 26, 2493-2497.	2.2	3
44	Predicted corner-sharing titanium silicates. Zeitschrift Für Kristallographie, Supplement, 2007, 2007, 203-208.	0.5	2
45	Predicted corner-sharing titanium silicates. , 2007, , 203-208.		0
46	Hypothetical AlF <sub>3</sub> crystal structures. Journal of Solid State Chemistry, 2006, 179, 3159-3166.	2.9	29
47	COD (Crystallography Open Database) and PCOD (Predicted). Acta Crystallographica Section A: Foundations and Advances, 2005, 61, c481-c481.	0.3	1
48	Inorganic structure prediction with GRINSP. Journal of Applied Crystallography, 2005, 38, 389-395.	4.5	76
49	Whole powder pattern decomposition methods and applications: A retrospection. Powder Diffraction, 2005, 20, 316-326.	0.2	622
50	Inorganic structure prediction with GRINSP. Acta Crystallographica Section A: Foundations and Advances, 2005, 61, c97-c97.	0.3	0
51	Monte Carlo indexing with McMaille. Powder Diffraction, 2004, 19, 249-254.	0.2	206
52	Size- $\epsilon$ strain line-broadening analysis of the ceria round-robin sample. Journal of Applied Crystallography, 2004, 37, 911-924.	4.5	417
53	Characterization and Structure Determination of Ammonium Bismuth Oxalate Hydrate, Bi(NH <sub>4</sub> )(C <sub>2</sub> O <sub>4</sub> ) <sub>2</sub> $\cdot$ xH <sub>2</sub> O. Inorganic Chemistry, 2004, 43, 785-789.	4.0	13
54	Renewed interest in powder diffraction data indexing. Zeitschrift Fur Kristallographie - Crystalline Materials, 2004, 219, .	0.8	35

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55	A crystal structure for the souzalite/gormanite series from synchrotron powder diffraction data. <i>European Journal of Mineralogy</i> , 2003, 15, 719-723.	1.3	10
56	Distorted chiolite crystal structures of $\hat{I}\pm$ -Na <sub>5</sub> M <sub>3</sub> F <sub>14</sub> (M=Cr,Fe,Ga) studied by X-ray powder diffraction. <i>Powder Diffraction</i> , 2003, 18, 128-134.	0.2	6
57	Results and conclusions of the internet based "Search/match round robin 2002". <i>Powder Diffraction</i> , 2003, 18, 106-113.	0.2	13
58	Very short answers to the questions about problems and future of crystallography: <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2002, 217, 338-340.	0.8	0
59	Size-strain round robin: first results and the comparative analysis of the measurements. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2002, 58, c24-c24.	0.3	0
60	Beyond classical Rietveld analysis using Le Bail fitting. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2002, 58, c242-c242.	0.3	1
61	A crystal structure for the souzalite/gormanite series from synchrotron powder diffraction data. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2002, 58, c370-c370.	0.3	0
62	Ab Initio Structure Determination of Lanthanum Cyclo-tetrahedrate $\hat{I}\pm$ -La <sub>2</sub> W <sub>2</sub> O <sub>9</sub> from X-ray and Neutron Powder Diffraction. <i>Journal of Solid State Chemistry</i> , 2001, 159, 223-227.	2.9	40
63	Structure Determination by Powder Diffractometry: Internet Course. <i>Materials Science Forum</i> , 2001, 378-381, 47-52.	0.3	4
64	ESPOIR: A Program for Solving Structures by Monte Carlo Analysis of Powder Diffraction Data. <i>Materials Science Forum</i> , 2001, 378-381, 65-70.	0.3	68
65	Investigation of mixed divalent cation phosphates: synthesis and X-ray powder structure determination of CdBa <sub>2</sub> (P <sub>2</sub> O <sub>7</sub> )(HPO <sub>4</sub> ). <i>Solid State Sciences</i> , 2000, 2, 285-292.	3.2	8
66	Reverse Monte Carlo and Rietveld modelling of the NaPb (, V) fluoride glass structures. <i>Journal of Non-Crystalline Solids</i> , 2000, 271, 249-259.	3.1	5
67	The room-temperature crystallisation of a one-dimensional gallium fluorophosphate, Ga(HPO <sub>4</sub> ) <sub>2</sub> F <sub>3</sub> ·H <sub>3</sub> N(CH <sub>2</sub> ) <sub>3</sub> NH <sub>3</sub> ·2H <sub>2</sub> O, a precursor to three-dimensional microporous gallium fluorophosphates. <i>Chemical Communications</i> , 2000, , 203-204.	4.1	58
68	Structure of [Co(NH <sub>3</sub> ) <sub>5</sub> CO <sub>3</sub> ]NO <sub>3</sub> ·H <sub>2</sub> O. <i>Solid State Sciences</i> , 1999, 1, 55-62.	3.2	4
69	Li <sub>6</sub> P <sub>6</sub> O <sub>18</sub> : X-ray powder structure determination of lithium cyclohexaphosphate. <i>European Journal of Solid State and Inorganic Chemistry</i> , 1998, 35, 255-264.	0.5	17
70	Structure of $\hat{I}\pm$ -NaCaAlF <sub>6</sub> determined ab initio from conventional powder diffraction data. <i>European Journal of Solid State and Inorganic Chemistry</i> , 1998, 35, 265-272.	0.5	12
71	Synthesis and crystal structure of $\hat{I}\pm$ -Ba <sub>2</sub> ZrF <sub>8</sub> and Pb <sub>2</sub> ZrF <sub>8</sub> determined ab initio from synchrotron and neutron powder diffraction data. <i>European Journal of Solid State and Inorganic Chemistry</i> , 1998, 35, 357-372.	0.5	19
72	A Qualitative Account for Anisotropic Broadening in Whole-Powder-Diffraction-Pattern Fitting by Second-Rank Tensors. <i>Journal of Applied Crystallography</i> , 1997, 30, 265-271.	4.5	51

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73	VRML as a tool for exploring complex structures. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1996, 52, C78-C78.	0.3	0
74	Barium-Oxomercurato(II)-Oxoruthenate(VI) BaHgRuO <sub>5</sub> : A New Oxomercurate with a Cyclic Mercurate-Ruthenate Anion High Pressure Synthesis and Ab Initio Structure Approach by X-Ray Powder Diffraction. <i>Materials Science Forum</i> , 1996, 228-231, 729-734.	0.3	0
75	Structure of [Pd(NH <sub>3</sub> ) <sub>4</sub> ]Cr <sub>2</sub> O <sub>7</sub> . <i>Powder Diffraction</i> , 1995, 10, 159-164.	0.2	5
76	Synthesis and Structure Approach of Barium-Oxomercurato(II)-Oxoruthenate(VI) BaHgRuO <sub>5</sub> . <i>Journal of Solid State Chemistry</i> , 1995, 120, 223-230.	2.9	4
77	Modelling the silica glass structure by the Rietveld method. <i>Journal of Non-Crystalline Solids</i> , 1995, 183, 39-42.	3.1	124
78	Ab Initio Crystal Structure Determination of VO(H <sub>2</sub> PO <sub>2</sub> ) <sub>2</sub> ·H <sub>2</sub> O from X-ray and Neutron Powder Diffraction Data. A Monodimensional Vanadium(IV) Hypophosphite. <i>Inorganic Chemistry</i> , 1994, 33, 2607-2613.	4.0	17
79	On the Structure of Na <sub>5</sub> V <sub>2</sub> P <sub>3</sub> O <sub>14</sub> · H <sub>2</sub> O. <i>Journal of Solid State Chemistry</i> , 1993, 102, 281-282.	2.9	0
80	Î <sup>2</sup> -Ba <sub>3</sub> AlF <sub>9</sub> , a Complex Structure Determined from Conventional X-Ray Powder Diffraction. <i>Journal of Solid State Chemistry</i> , 1993, 103, 287-291.	2.9	32
81	Synthesis and Structure Approach of K <sub>3</sub> Ba <sub>7</sub> Al <sub>6</sub> F <sub>33</sub> Cl <sub>2</sub> . <i>Journal of Solid State Chemistry</i> , 1993, 107, 234-244.	2.9	4
82	Synthesis and Crystal Structure of a Tubular Hydroxyphosphite: Zn <sub>11</sub> Î <sup>-1</sup> (HPO <sub>3</sub> ) <sub>8</sub> (OH) <sub>6</sub> . <i>Journal of Solid State Chemistry</i> , 1993, 107, 250-257.	2.9	53
83	The structure of Li <sub>3</sub> Cu <sub>2</sub> O <sub>4</sub> , a compound with formal mixed valence. <i>Journal of Alloys and Compounds</i> , 1993, 190, 295-299.	5.5	14
84	Structure and phase transitions of low-dimensional thallium vanadium bronze Tl <sub>x</sub> V <sub>2</sub> O <sub>5</sub> (0.44 ≤ x ≤ 1). <i>Journal of Solid State Chemistry</i> , 1992, 98, 11-24.	2.9	17
85	Synthesis and crystal structure of Î <sup>±</sup> -NH <sub>4</sub> (VO <sub>2</sub> )(HPO <sub>4</sub> ). <i>Journal of Solid State Chemistry</i> , 1992, 97, 283-291.	2.9	37
86	Synthesis, X-ray single crystal structure determination, and dehydration study of BaZr <sub>2</sub> F <sub>10</sub> · 2H <sub>2</sub> O by X-ray powder thermodiffraction. <i>Journal of Solid State Chemistry</i> , 1992, 98, 11-24.	2.9	10
87	Crystal structure and thermolysis of K <sub>2</sub> (H <sub>5</sub> O <sub>2</sub> )Al <sub>2</sub> F <sub>9</sub> . <i>Journal of Solid State Chemistry</i> , 1992, 98, 151-158.	2.9	14
88	t-AlF <sub>3</sub> : Crystal structure determination from X-ray powder diffraction data. A new MX <sub>3</sub> corner-sharing octahedra 3D network. <i>Journal of Solid State Chemistry</i> , 1992, 100, 151-159.	2.9	48
89	Synthesis and crystal structure of Î <sup>3</sup> -BaZrF <sub>6</sub> . <i>Journal of Solid State Chemistry</i> , 1992, 101, 229-236.	2.9	11
90	Crystal structure and thermal behaviour of H <sub>2</sub> Ti <sub>3</sub> O <sub>7</sub> : A new defective ramsdellite form from exchange on Li <sub>2</sub> Ti <sub>3</sub> O <sub>7</sub> . <i>Materials Research Bulletin</i> , 1992, 27, 75-85.	5.2	26

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91	Structure of Pb <sub>2</sub> MnFe <sub>2</sub> F <sub>12</sub> ·3H <sub>2</sub> O. Acta Crystallographica Section C: Crystal Structure Communications, 1992, 48, 239-241.	0.4	2
92	Crystalline phases related to the icosahedral Al-Li-Cu phase. Physica B: Condensed Matter, 1991, 173, 329-355.	2.7	9
93	Synthesis, crystal structure, and magnetic properties of Co <sub>3</sub> (HPO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> related to the mineral lazulite. Journal of Solid State Chemistry, 1991, 92, 273-285.	2.9	21
94	Crystal structure of Pd(NO <sub>3</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> . Materials Research Bulletin, 1991, 26, 269-275.	5.2	25
95	Layer structure of [CoCl(H <sub>2</sub> PO <sub>2</sub> )]·H <sub>2</sub> O. Acta Crystallographica Section C: Crystal Structure Communications, 1991, 47, 1152-1155.	0.4	4
96	Structure of the decahydrated octaacetate of dineodymium(III) and cobalt(II). Acta Crystallographica Section C: Crystal Structure Communications, 1991, 47, 1624-1627.	0.4	5
97	Crystalline phases related to the icosahedral Al-Li-Cu phase: a single-crystal X-ray diffraction study of the hexagonal Z-Al <sub>59</sub> Cu <sub>5</sub> Li <sub>26</sub> Mg <sub>10</sub> phase. Acta Crystallographica Section B: Structural Science, 1991, 47, 451-457.	1.8	10
98	Chemical Vapour Deposition of Fluorides. Molecular Dynamics Simulation of Amorphous Systems. Materials Science Forum, 1991, 32-33, 61-67.	0.3	4
99	Mössbauer study of a new crystalline fluoride: NaPbFe <sub>2</sub> F <sub>9</sub> . Hyperfine Interactions, 1990, 54, 545-550.	0.5	0
100	Structure determination of A <sub>2</sub> NaAl <sub>3</sub> F <sub>12</sub> (A=K, Rb). Materials Research Bulletin, 1990, 25, 831-839.	5.2	19
101	Short-range order in the anion-excess fluorite-related Ca <sub>0.68</sub> Ln <sub>0.32</sub> F <sub>2.32</sub> solid solutions: EXAFS study of the Ln <sup>3+</sup> environment. Journal of Solid State Chemistry, 1990, 85, 133-143.	2.9	34
102	A new structure type in mixed valence fluorinated compounds: K <sub>5</sub> Cr <sub>2</sub> +4Cr <sub>3</sub> +6F <sub>31</sub> . Journal of Solid State Chemistry, 1990, 85, 151-158.	2.9	2
103	Copper-containing minerals. I. Cu <sub>3</sub> V <sub>2</sub> O <sub>7</sub> (OH) <sub>2</sub> ·2H <sub>2</sub> O: The synthetic homolog of volborthite; crystal structure determination from X-ray and neutron data; structural correlations. Journal of Solid State Chemistry, 1990, 85, 220-227.	2.9	66
104	NH <sub>4</sub> CdF <sub>3</sub> : Structure of the low temperature phase. Physica B: Condensed Matter, 1990, 162, 231-236.	2.7	12
105	Synthesis and crystal structure of Na <sub>1+x</sub> V <sub>4</sub> P <sub>4</sub> O <sub>17</sub> (OH) (x ≈ 1.44). Journal of Solid State Chemistry, 1990, 87, 178-185.	2.9	9
106	The crystal and molecular structures of twinned : A new complex bimetallic compound. Journal of Solid State Chemistry, 1990, 88, 498-504.	2.9	7
107	Structure determination of <sup>129</sup> I <sup>2-</sup> and <sup>135</sup> I <sup>3-</sup> -BaAlF <sub>5</sub> by X-ray and neutron powder diffraction: A model for the <sup>129</sup> I ↔ <sup>135</sup> I transitions. Journal of Solid State Chemistry, 1990, 89, 282-291.	2.9	31
108	Reinvestigation of the structure of K <sub>2</sub> FeF <sub>5</sub> . Journal of Solid State Chemistry, 1990, 84, 408-412.	2.9	12

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109	topotactic exchange on LiSbO <sub>3</sub> : The series Li <sub>1-x</sub> H <sub>x</sub> SbO <sub>3</sub> (0 ≤ x ≤ 1). Materials Research Bulletin, 1989, 24, 1207-1214.	5.2	15
110	Synthetic pathways to vanadyl phosphates. Solid State Ionics, 1989, 32-33, 57-69.	2.7	42
111	Crystal structure of Na <sub>3</sub> Sr <sub>4</sub> Al <sub>5</sub> F <sub>26</sub> . Journal of Solid State Chemistry, 1989, 81, 299-304.	2.9	13
112	Crystal structure of Li <sub>3</sub> ThF <sub>7</sub> solved by X-ray and neutron diffraction. Journal of Solid State Chemistry, 1989, 80, 206-212.	2.9	18
113	Structure determination of NaPbFe <sub>2</sub> F <sub>9</sub> by X-ray powder diffraction. Journal of Solid State Chemistry, 1989, 83, 267-271.	2.9	31
114	Complex palladium oxides. V. Crystal structure of LiBiPd <sub>2</sub> O <sub>4</sub> : An example of three different fourfold coordinations of cations. Journal of Solid State Chemistry, 1989, 81, 58-64.	2.9	7
115	Crystal structure of $\hat{1}^2$ -VO(HPO <sub>4</sub> ) · 2H <sub>2</sub> O solved from X-ray powder diffraction. Journal of Solid State Chemistry, 1989, 79, 169-176.	2.9	31
116	Ordered Pd <sup>2+</sup> +Cu <sup>2+</sup> substitution in 1.2.3. superconductor : The oxide YBa <sub>2</sub> Cu(3 $\hat{1}^x$ )Pd <sub>x</sub> O <sub>y</sub> (X $\hat{1}^0,5$ ) with Pd <sup>2+</sup> in square planar coordination. Physica C: Superconductivity and Its Applications, 1988, 153-155, 489-490.	1.2	5
117	Crystal structure of the metastable form of aluminum trifluoride $\hat{1}^2$ -AlF <sub>3</sub> and the gallium and indium homologs. Journal of Solid State Chemistry, 1988, 77, 96-101.	2.9	99
118	Ordered Pd <sup>2+</sup> +Cu <sup>2+</sup> substitution in 1.2.3 superconductor: The oxide YBa <sub>2</sub> Cu(3 $\hat{1}^x$ )Pd <sub>x</sub> O <sub>y</sub> (x $\hat{1}^{1/4}$ 0.5) with Pd <sup>2+</sup> in square planar coordination. Journal of Solid State Chemistry, 1988, 73, 610-614.	2.9	14
119	topotactic exchange on $\hat{1}^2$ -Li $\hat{1}^x$ Nb $\hat{1}^x$ W <sub>x</sub> O <sub>3</sub> (0 ≤ x ≤ 0.5): The series H $\hat{1}^x$ Nb $\hat{1}^x$ W <sub>x</sub> O <sub>3</sub> . Materials Research Bulletin, 1988, 23, 1253-1260.	5.2	1
120	LiNbWO <sub>6</sub> : Crystal structure of its two allotropic forms. Materials Research Bulletin, 1988, 23, 1163-1170.	5.2	43
121	Structural aspects of amorphous iron(III) fluorides. Journal of Physics C: Solid State Physics, 1988, 21, 1351-1361.	1.5	24
122	Ab-initio structure determination of LiSbWO <sub>6</sub> by X-ray powder diffraction. Materials Research Bulletin, 1988, 23, 447-452.	5.2	2,424
123	Structure of Barium Fluorozirconate Glasses: A Quasi-Crystalline Modelling of "BaZr <sub>2</sub> F <sub>10</sub> ". Materials Science Forum, 1987, 19-20, 127-136.	0.3	6
124	A new study of the structure of LaNi <sub>5</sub> D <sub>6.7</sub> using a modified Rietveld method for the refinement of neutron powder diffraction data. Journal of the Less Common Metals, 1987, 129, 65-76.	0.8	118
125	A premartensitic phase in KAlF <sub>4</sub> : neutron and X-ray scattering evidences. Journal De Physique, 1987, 48, 1521-1532.	1.8	11
126	Fluorocomplexes of niobium IV - Part V. The magnetic structure of MnNbF <sub>6</sub> . Solid State Communications, 1986, 58, 71-74.	1.9	9



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127	A re-investigation of the room-temperature phase of KAlF <sub>4</sub> : evidence of antiphase domains. Journal of Physics C: Solid State Physics, 1986, 19, 4623-4633.	1.5	17
128	LOCAL ENVIRONMENT OF Zr IN BARYUM FLUOROZIRCONATE GLASSES : THE EXAFS POINT OF VIEW. Journal De Physique Colloque, 1986, 47, C8-791-C8-794.	0.2	5
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