

# Sander van Smaalen

## List of Publications by Year in descending order

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325  
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71061

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338  
docs citations

338  
times ranked

6616  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>EDMA</i> : a computer program for topological analysis of discrete electron densities. <i>Journal of Applied Crystallography</i> , 2012, 45, 575-580.	1.9	388
2	Incommensurate crystal structures. <i>Crystallography Reviews</i> , 1995, 4, 79-202.	0.4	206
3	The structure of different phases of pure C70 crystals. <i>Chemical Physics</i> , 1992, 166, 287-297.	0.9	195
4	The maximum-entropy method in superspace. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2003, 59, 459-469.	0.3	145
5	Superhard Semiconducting Optically Transparent High Pressure Phase of Boron. <i>Physical Review Letters</i> , 2009, 102, 185501.	2.9	139
6	X-ray crystal-structure refinement of the nearly commensurate phase of $1\text{T}\bar{a}\text{-}\text{TaS}_2$ in (3+2)-dimensional superspace. <i>Physical Review B</i> , 1997, 56, 13757-13767.	1.1	136
7	The role of $\text{PbI}_2$ in $\text{CH}_3\text{NH}_3\text{PbI}_3$ perovskite stability, solar cell parameters and device degradation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 605-614.	1.3	135
8	Generation of (3 + $d$ )-dimensional superspace groups for describing the symmetry of modulated crystalline structures. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2011, 67, 45-55.	0.3	129
9	Refinement of the crystal structure of tetragonal $\text{Al}_2\text{Cu}$ . <i>Journal of Solid State Chemistry</i> , 1989, 83, 370-372.	1.4	126
10	Misfit layer compounds $(\text{MS})_n\text{TS}_2$ (M = Sn, Pb, Bi, rare earth elements; T = Nb, Ta ; $n = 1.08 \text{--} 1.19$ ), a new class of layer compounds. <i>Solid State Communications</i> , 1989, 70, 409-413.	0.9	117
11	Investigation of phases in $\text{Al}_{23}\text{Co}_{15}\text{Cr}_{23}\text{Cu}_8\text{Fe}_{15}\text{Ni}_{16}$ and $\text{Al}_8\text{Co}_{17}\text{Cr}_{17}\text{Cu}_8\text{Fe}_{17}\text{Ni}_{33}$ high entropy alloys and comparison with equilibrium phases predicted by Thermo-Calc. <i>Journal of Alloys and Compounds</i> , 2013, 552, 430-436.	2.8	112
12	A New Half-Condensed Schiff Base Compound: Highly Selective and Sensitive pH-Responsive Fluorescent Sensor. <i>Organic Letters</i> , 2011, 13, 4510-4513.	2.4	110
13	Refinement of modulated structures against X-ray powder diffraction data with JANA2000. <i>Journal of Applied Crystallography</i> , 2001, 34, 398-404.	1.9	109
14	Acentric Low-Temperature Superstructure of $\text{NaV}_2\text{O}_5$ . <i>Physical Review Letters</i> , 1999, 82, 3633-3636.	2.9	103
15	Spin-Peierls transition in $\text{TiOCl}$ . <i>Physical Review B</i> , 2005, 71, .	1.1	101
16	The incommensurate misfit layer structure of $(\text{PbS})_{1.14}\text{NbS}_2$ , ' $\text{PbNbS}_3$ ' and $(\text{LaS})_{1.14}\text{NbS}_2$ , ' $\text{LaNbS}_3$ ': an X-ray diffraction study. <i>Acta Crystallographica Section B: Structural Science</i> , 1990, 46, 324-332.	1.8	83
17	Charge-Density-Wave Transitions in the Local-Moment Magnet $\text{Er}_5\text{Ir}_4\text{Si}_{10}$ . <i>Physical Review Letters</i> , 2000, 85, 158-161.	2.9	82
18	Incommensurate Nature of the Multilayered Molecular Ferromagnetic Metals Based on Bis(ethylenedithio)tetrathiafulvalene and Bimetallic Oxalate Complexes. <i>Inorganic Chemistry</i> , 2004, 43, 4808-4810.	1.9	73

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19	Structural phase transitions in C <sub>70</sub> . Europhysics Letters, 1993, 21, 329-334.	0.7	72
20	Symmetry of composite crystals. Physical Review B, 1991, 43, 11330-11341.	1.1	67
21	Equivalence of superspace groups. Acta Crystallographica Section A: Foundations and Advances, 2013, 69, 75-90.	0.3	67
22	Structure, electrical transport, and magnetic properties of the misfit layer compound (PbS) <sub>1.13</sub> TaS <sub>2</sub> . Journal of Solid State Chemistry, 1990, 84, 118-129.	1.4	65
23	Interplane coupling in the quasi-two-dimensional 1Tâ <sup>+</sup> TaS <sub>2</sub> . Physical Review B, 2003, 67, .	1.1	61
24	Refinement of the crystal structure of hexagonal Al <sub>2</sub> CuLi. Journal of Solid State Chemistry, 1990, 85, 293-298.	1.4	60
25	Hexagonal close-packed C <sub>60</sub> . Chemical Physics Letters, 1994, 219, 469-472.	1.2	57
26	Low-temperature structure of solid C <sub>70</sub> . Chemical Physics Letters, 1994, 223, 323-328.	1.2	56
27	Charge-ordering transition in iron oxide Fe <sub>4</sub> O <sub>5</sub> involving competing dimer and trimer formation. Nature Chemistry, 2016, 8, 501-508.	6.6	54
28	Impact of excess PbI <sub>2</sub> on the structure and the temperature dependent optical properties of methylammonium lead iodide perovskites. Journal of Materials Chemistry C, 2018, 6, 7512-7519.	2.7	54
29	Determination of the crystal structure of icosahedral Al-Cu-Li. Physical Review B, 1988, 38, 1681-1685.	1.1	51
30	Determination of the modulated structure of the inorganic misfit layer compound (PbS) <sub>1.18</sub> TiS <sub>2</sub> . Acta Crystallographica Section B: Structural Science, 1991, 47, 314-325.	1.8	51
31	(Perylene)Co(mnt) <sub>2</sub> (CH <sub>2</sub> Cl <sub>2</sub> ) <sub>0.5</sub> : a mixed perylenecobalt complex as molecular and polymeric conductor. Journal of the American Chemical Society, 1992, 114, 1986-1989.	6.6	48
32	Observation of the Sliding Mode in Incommensurate Intergrowth Compounds: Brillouin Scattering from the Inclusion Compound of Urea and Heptadecane. Physical Review Letters, 1995, 74, 734-737.	2.9	48
33	The Peierls transition in low-dimensional electronic crystals. Acta Crystallographica Section A: Foundations and Advances, 2005, 61, 51-61.	0.3	48
34	The determination of the incommensurately modulated structure of niobium tetratelluride. Acta Crystallographica Section B: Structural Science, 1986, 42, 43-50.	1.8	47
35	Disorderâ€“order transitions in the perovskite metalâ€“organic frameworks [(CH <sub>3</sub> ) <sub>2</sub> NH <sub>2</sub> ] <sub>2</sub> [M(HCOO) <sub>3</sub> ] at high pressure. CrystEngComm, 2018, 20, 3512-3521.	1.3	47
36	Determination of the structural distortions corresponding to the q <sub>1</sub> - and q <sub>2</sub> -type modulations in niobium triselenide NbSe <sub>3</sub> . Physical Review B, 1992, 45, 3103-3106.	1.1	46

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37	Electron-Deficient and Polycenter Bonds in the High-Pressure $\gamma$ -Phase of Boron. <a href="#">Physical Review Letters, 2011, 106, 215502.</a>	2.9	46
38	Ab Initio Structure Determination of Two Polymorphs of Cyclopentadienylrubidium in a Single Powder Pattern. <i>Acta Crystallographica Section B: Structural Science</i> , 1997, 53, 153-158.	1.8	42
39	An elementary introduction to superspace crystallography. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2004, 219, 681-691.	0.4	42
40	A superspace group description of the misfit layer structure of (SnS) <sub>1.17</sub> (NbS <sub>2</sub> ). <i>Journal of Physics Condensed Matter</i> , 1989, 1, 2791-2800.	0.7	41
41	Rotational order in CO-intercalated C <sub>60</sub> crystals. <i>Physical Review B</i> , 1998, 57, 6321-6324.	1.1	41
42	Multiple charge-density waves in R <sub>5</sub> Ir <sub>4</sub> Si <sub>10</sub> (R=Ho, Er, Tm, and Lu). <i>Physical Review B</i> , 2004, 69, .	1.1	41
43	Incommensurate interactions and nonconventional spin-Peierls transition in TiOBr. <i>Physical Review B</i> , 2005, 72, .	1.1	41
44	The structure of LiCu <sub>2</sub> O <sub>2</sub> with mixed-valence copper from twin-crystal data. <i>Journal of the Less Common Metals</i> , 1991, 175, 119-129.	0.9	40
45	Superspace-group approach to the modulated structure of the inorganic misfit layer compound (LaS) <sub>1.14</sub> NbS <sub>2</sub> . <i>Journal of Physics Condensed Matter</i> , 1991, 3, 1247-1263.	0.7	40
46	Scheelite CaWO <sub>4</sub> at high pressures. <i>Journal of Physics Condensed Matter</i> , 2003, 15, 7261-7270.	0.7	39
47	Neutron-diffraction study of the charge-density wave in $\hat{\Gamma}_2$ -uranium. <i>Physical Review B</i> , 1990, 42, 9365-9376.	1.1	38
48	The generalized F-constraint in the maximum-entropy method – a study on simulated data. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2002, 58, 559-567.	0.3	38
49	Observation of strong magnetoelastic coupling in a first-order phase transition of CrOCl. <i>Physical Review B</i> , 2009, 80, .	1.1	38
50	The determination of the commensurately modulated structure of tantalum tetratelluride. <i>Acta Crystallographica Section B: Structural Science</i> , 1987, 43, 305-313.	1.8	37
51	X-ray crystal structure determination of the triclinic misfit layer compound (SnS) <sub>1.20</sub> TiS <sub>2</sub> . <i>Journal of Physics Condensed Matter</i> , 1991, 3, 2603-2612.	0.7	37
52	Microstructure of the 'discommensurate' state in NbTe <sub>4</sub> . <i>Journal of Physics C: Solid State Physics</i> , 1986, 19, 5049-5069.	1.5	36
53	Crystal structure of. <i>Journal of Solid State Chemistry</i> , 2005, 178, 2934-2941.	1.4	36
54	Effect of processing parameter on hydrogen storage characteristics of as quenched Ti <sub>45</sub> Zr <sub>38</sub> Ni <sub>17</sub> quasicrystalline alloys. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 592-599.	3.8	36

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55	The active site of hen egg-white lysozyme: flexibility and chemical bonding. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 1136-1146.	2.5	35
56	Disorder and defects are not intrinsic to boron carbide. <i>Scientific Reports</i> , 2016, 6, 19330.	1.6	34
57	Structural relationship between the orthorhombic, monoclinic and triclinic misfit layer compounds (MS) <sub>n</sub> TS <sub>2</sub> (M = Sn, Pb, rare earth metals, T = Ti, V, Cr, Nb, Ta; 1.13 < n < 1.21). <i>Solid State Communications</i> , 1990, 75, 689-692.	0.9	33
58	Disorder determined by high-resolution powder diffraction: structure of pentamethylcyclopentadienyllithium. <i>Acta Crystallographica Section B: Structural Science</i> , 1999, 55, 35-44.	1.8	33
59	Commensurate charge-density wave with frustrated interchain coupling in $\text{SmNiC}$ . <i>Physical Review B</i> , 2010, 82, .	1.1	33
60	Experimental dynamic electron densities of multipole models at different temperatures. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2012, 68, 568-581.	0.3	33
61	Time-dependent growth of crystalline Au <sup>0</sup> -nanoparticles in cyanobacteria as self-reproducing bioreactors: 1. <i>Anabaena sp.</i> . <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	33
62	Superspace-group description of short-period commensurately modulated crystals. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1987, 43, 202-207.	0.3	32
63	Time-dependent growth of crystalline Au <sup>0</sup> -nanoparticles in cyanobacteria as self-reproducing bioreactors: 2. <i>Anabaena cylindrica</i> . <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 312-327.	1.5	32
64	Analysis of intra-atomic correlation effects on the first order interaction energy between He atoms. <i>Molecular Physics</i> , 1982, 45, 1113-1124.	0.8	31
65	Coexistence of charge density wave and antiferromagnetism in Er <sub>5</sub> Ir <sub>4</sub> Si <sub>10</sub> . <i>Journal of Physics Condensed Matter</i> , 2002, 14, 5067-5075.	0.7	31
66	Superspace Description of Incommensurate Intergrowth Compounds and the Application to Inorganic Misfit Layer Compounds. <i>Materials Science Forum</i> , 1992, 100-101, 173-222.	0.3	30
67	The incommensurate modulation of the structure of Sr <sub>2</sub> Nb <sub>2</sub> O <sub>7</sub> . <i>Acta Crystallographica Section B: Structural Science</i> , 2002, 58, 970-976.	1.8	30
68	Accurate charge density of trialanine: a comparison of the multipole formalism and the maximum entropy method (MEM). <i>Acta Crystallographica Section B: Structural Science</i> , 2007, 63, 285-295.	1.8	30
69	Direct Observation of Discommensuration Arrays in NbTe <sub>4</sub> by Means of Low-Temperature Electron Microscopy. <i>Physical Review Letters</i> , 1985, 55, 1188-1191.	2.9	29
70	Order-disorder phenomena determined by high-resolution powder diffraction: the structures of tetrakis(trimethylsilyl)methane C[Si(CH <sub>3</sub> ) <sub>3</sub> ] <sub>4</sub> and tetrakis(trimethylsilyl)silane Si[Si(CH <sub>3</sub> ) <sub>3</sub> ] <sub>4</sub> . <i>Acta Crystallographica Section B: Structural Science</i> , 1999, 55, 1014-1029.	1.8	29
71	Effect of Crystal Packing on the Structures of Polymeric Metallocenes. <i>Inorganic Chemistry</i> , 2005, 44, 964-968.	1.9	29
72	Structure of the incommensurate phase of the quantum magnet TiOCl. <i>Physical Review B</i> , 2006, 73, .	1.1	28

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73	Incommensurate modulations of Bi-III and Sb-II. Physical Review B, 2007, 75, .	1.1	28
74	Magnetoelastic coupling in the incommensurate antiferromagnetic phase of FeOCl. Physical Review B, 2012, 86, .	1.1	28
75	Determination of the incommensurately modulated structure of $\text{U}^{2+}$ -uranium below 37 K. Physical Review B, 1987, 35, 7939-7951.	1.1	27
76	Experimental evidence of orbital order in $\text{Bi}^{2+}$ -uranium. Physical Review B, 1987, 35, 7952-7955.	1.1	27
77	The modulated structure of the commensurate misfit-layer compound (BiSe) <sub>1</sub> 0.09TaSe <sub>2</sub> . Acta Crystallographica Section B: Structural Science, 1993, 49, 258-266.	1.8	26
78	Topological properties of hydrogen bonds and covalent bonds from charge densities obtained by the maximum entropy method (MEM). Acta Crystallographica Section B: Structural Science, 2009, 65, 624-638.	1.8	26
79	High pressure synthesis of single crystals of $\text{Bi}^{2+}$ -boron. Journal of Crystal Growth, 2011, 321, 162-166.	0.7	26
80	Structure of a polytype of the inorganic misfit-layer compound (PbS) <sub>1</sub> 1.18TiS <sub>2</sub> . Physical Review B, 1992, 46, 2750-2757.	1.1	25
81	Investigation of the optical reflectivity of misfit layer compounds: (MS) <sub>n</sub> Ts <sub>2</sub> (T=Ta, Nb; M=Sn, Pb, Sm,.) Tj ETQq1 1 0.784314 rgBT /Over	0.7	25
82	Structures of incommensurate and commensurate composite crystals Na <sub>x</sub> CuO <sub>2</sub> (x = 1.58, 1.6, 1.62). Acta Crystallographica Section B: Structural Science, 2007, 63, 17-25.	1.8	25
83	Symmetry disquisition on the TiO <sub>x</sub> phase diagram (X=Br,Cl). Physical Review B, 2007, 75, .	1.1	24
84	Accurate charge density of $\text{Bi}^{2+}$ -glycine by the maximum entropy method. CrystEngComm, 2008, 10, 335-343.	1.3	24
85	X-ray study of the second-order phase transition of Ag <sub>0.35</sub> TiS <sub>2</sub> : A phase transition characterized by two order parameters. Journal of Solid State Chemistry, 1987, 67, 9-20.	1.4	23
86	Structural Characterization of the High-Temperature Phase Transitions in Ca <sub>8</sub> [Al <sub>12</sub> O <sub>24</sub> ](MoO <sub>4</sub> ) <sub>2</sub> Aluminate Sodalite Using X-ray Powder Diffraction. Journal of Solid State Chemistry, 1997, 129, 130-143.	1.4	23
87	Disorder in the Crystal Structure of Cs <sub>2</sub> HgCl <sub>4</sub> Studied by the Maximum Entropy Method. Acta Crystallographica Section B: Structural Science, 1998, 54, 626-634.	1.8	23
88	The maximum entropy method in accurate charge-density studies. Physica Scripta, 2009, 79, 048304.	1.2	23
89	Cadmium(II) complexes of a hydrazone ligand: Synthesis, characterization, DNA binding, cyto- and genotoxicity studies. Polyhedron, 2019, 171, 237-248.	1.0	23
90	Study of the valency of rare-earth atoms in the misfit-layer compounds (RS) <sub>1+x</sub> NbS <sub>2</sub> (R=La,Ce,Sm) using resonant photoemission and x-ray-absorption spectra. Physical Review B, 1994, 49, 10585-10590.	1.1	22

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91	Intersubsystem chemical bonds in the misfit layer compounds (LaS) <sub>1.13</sub> TaS <sub>2</sub> and (LaS) <sub>1.14</sub> NbS <sub>2</sub> . Acta Crystallographica Section B: Structural Science, 2002, 58, 179-190.	1.8	22
92	Glass transition and secondary relaxation in the charge-density-wave system K <sub>0.3</sub> MoO <sub>3</sub> . Physical Review B, 2004, 69, .	1.1	22
93	Quantitative description of the tilt of distorted octahedra in ABX <sub>3</sub> structures. Acta Crystallographica Section B: Structural Science, 2007, 63, 190-200.	1.8	22
94	A Raman study of the charge-density-wave state in A <sub>0.3</sub> MoO <sub>3</sub> (A = K, Rb). New Journal of Physics, 2008, 10, 023043.	1.2	22
95	Mott-Hubbard gap closure and structural phase transition in the oxyhalides TiOBr and TiOCl under pressure. Physical Review B, 2008, 78, .	1.1	22
96	Microstructural characterization of interpenetrating light weight metal matrix composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 518, 118-123.	2.6	22
97	Structure and microwave dielectric properties of Ca <sub>5</sub> A <sub>4</sub> TiO <sub>17</sub> (A=Nb, Ta) ceramics. Materials Chemistry and Physics, 2010, 121, 77-82.	2.0	22
98	Structural distortions in the high-pressure polar phases of ammonium metal formates. CrystEngComm, 2016, 18, 8849-8857.	1.3	22
99	High-Pressure Phase Transformations in TiPO <sub>4</sub> : A Route to Pentacoordinated Phosphorus. Angewandte Chemie - International Edition, 2016, 55, 15053-15057.	7.2	22
100	Polymorphism of R-Encenicline Hydrochloride: Access to the Highest Number of Structurally Characterized Polymorphs Using Desolvation of Various Solvates. Crystal Growth and Design, 2019, 19, 4765-4773.	1.4	22
101	Order-disorder transition in silver-intercalated niobium disulfide compounds. I. Structural determination of Ag <sub>0.6</sub> NbS <sub>2</sub> . Physical Review B, 1991, 43, 9420-9430.	1.1	21
102	Two-dimensionally modulated structure of the rare-earth polysulfide GdS <sub>2</sub> ·x (x = 0.18 ± 0.013/72). Acta Crystallographica Section B: Structural Science, 2003, 59, 709-719.	1.8	21
103	Phase transition, crystal structure, and magnetic order in VOCl. Physical Review B, 2009, 80, .	1.1	21
104	Unusual charge density wave transition and absence of magnetic ordering in $\text{Er}_{0.21}\text{Ni}_{0.79}\text{P}_2$ . Physical Review B, 2020, 101, .		
105	Single crystal X-ray diffraction of the quasi crystal Al <sub>6</sub> CuLi <sub>3</sub> . Solid State Communications, 1987, 63, 751-755.	0.9	20
106	Calculations of transfer integrals for tetracyanoquinodimethane salts. Physical Review B, 1985, 31, 8056-8060.	1.1	19
107	Order-disorder transition in silver-intercalated niobium disulfide compounds. II. Magnetic and electrical properties. Physical Review B, 1991, 43, 9431-9435.	1.1	19
108	Refinement of incommensurate structures against diffraction data from a twinned crystal. Acta Crystallographica Section A: Foundations and Advances, 1992, 48, 610-618.	0.3	19



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109	Jahn-Teller distortion and merohedral disorder of $C60$ as observed by ESR. <i>Chemical Physics Letters</i> , 2000, 324, 37-42.	1.2	19
110	Synchrotron-radiation study of the two-leg spin-ladder $(VO)_2P_2O_7$ at 120 K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002, 58, i9-i13.	0.4	19
111	Structural Chemistry and Magnetic Properties of Incommensurate $Sr_{1+x}(Co_xMn_{1-x})O_3$ . <i>Chemistry of Materials</i> , 2003, 15, 4262-4267.	3.2	19
112	Comment on "Charge-density-wave structure in $NbSe_3$ determined by scanning tunneling microscopy". <i>Physical Review Letters</i> , 1991, 67, 1471-1471.	2.9	18
113	Six-dimensional structure model for the icosahedral quasicrystal $Al_6CuLi_3$ . <i>Physical Review B</i> , 1991, 43, 929-937.	1.1	18
114	Commensurately modulated structure of $4Hb-TaSe_2$ determined by x-ray crystal-structure refinement. <i>Physical Review B</i> , 1999, 59, 6063-6071.	1.1	18
115	The valence states of vanadium in the low-temperature superstructure of $NaV_2O_5$ . <i>Europhysics Letters</i> , 2000, 49, 250-254.	0.7	18
116	Orthorhombic versus monoclinic symmetry of the charge-ordered state of $NaV_2O_5$ . <i>Physical Review B</i> , 2002, 65, .	1.1	18
117	Shear Strain in $Nd_{0.5}Ca_{0.5}MnO_3$ at High Pressures. <i>Physical Review Letters</i> , 2005, 94, 165504.	2.9	18
118	Structures of incommensurate and commensurate composite crystals $Rb_xMnO_2$ ( $x = 1.3711, 1.3636$ ). <i>Acta Crystallographica Section B: Structural Science</i> , 2010, 66, 27-33.	1.8	18
119	Elastic constants of the dioctanoyl peroxide/urea inclusion compound determined by Brillouin scattering. <i>Physical Review B</i> , 1994, 49, 11572-11579.	1.1	17
120	DYNAMICAL BEHAVIOR OF APERIODIC INTERGROWTH CRYSTALS. <i>International Journal of Modern Physics B</i> , 1996, 10, 2049-2080.	1.0	17
121	Structure of the charge-density wave in $(TaSe_4)_2I$ . <i>Journal of Physics Condensed Matter</i> , 2001, 13, 9923-9936.	0.7	17
122	Pressure-induced metallization and structural phase transition of the Mott-Hubbard insulator $TiOBr$ . <i>Physical Review B</i> , 2007, 76, .	1.1	17
123	One-dimensional versus two-dimensional correlation effects in the oxyhalides $TiOCl$ and $TiOBr$ . <i>Physical Review B</i> , 2007, 75, .	1.1	17
124	Low- and high-temperature crystal structures of. <i>Journal of Solid State Chemistry</i> , 2009, 182, 525-531.	1.4	17
125	Spin-Peierls distortions in $TiPO_4$ . $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle mml:mrow /> \langle mml:mn>4</mml:mn> \langle mml:msub> \langle mml:math>$ . <i>Physical Review B</i> , 2013, 88, .	1.1	17
126	The CDW structure of the $m = 4$ phosphate bronze $(PO_2)_4(WO_3)_2m$ . <i>Europhysics Letters</i> , 2000, 49, 357-361.	0.7	16



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127	The twofold superstructure of titanium(III) oxybromide at $T = 17.5$ K. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, i47-i48.	0.4	16
128	The prior-derived constraints in the maximum-entropy method. Acta Crystallographica Section A: Foundations and Advances, 2005, 61, 363-372.	0.3	16
129	The electrostatic potential of dynamic charge densities. Journal of Applied Crystallography, 2017, 50, 1627-1636.	1.9	16
130	(3 + 2)-Dimensional superspace approach to the structure of the incommensurate intergrowth compound: $(\text{SbS})_{1.15}\text{TiS}_2$ . Acta Crystallographica Section B: Structural Science, 1995, 51, 275-287.	1.8	15
131	Modulated structure of nepheline. Acta Crystallographica Section B: Structural Science, 2011, 67, 18-29.	1.8	15
132	Unusual ground states in $\text{R}_5\text{T}_4\text{X}_{10}$ ( $\text{R} = \text{La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu}$ ; $\text{T} = \text{Rh, Ir}$ ; and $\text{X} = \text{I, Br, Cl}$ ).	8.1	15
133	Broadband CrOCl Saturable Absorber with a Spectral Region Extension to $10.6 \mu\text{m}$ . Advanced Optical Materials, 2020, 8, 1901446.	3.6	15
134	Anisotropic thermal expansion in crystals with stacks of planar molecules, such as tetracyanoquinodimethanide (TCNQ) salts. Physical Review B, 1985, 31, 3496-3503.	1.1	14
135	Three-dimensional Patterson function for the $\text{Al}_6\text{CuLi}_3$ quasicrystal. Physical Review B, 1989, 39, 5850-5856.	1.1	14
136	Electronic structure of the misfit layer compound: band-structure calculations and photoelectron spectra. Journal of Physics Condensed Matter, 1996, 8, 5367-5382.	0.7	14
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