

Sander van Smaalen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Une Étude cristallographique: superspace description of a commensurate composite cocrystal of 4,4'-dinitrobiphenyl and biphenyl. <i>CrystEngComm</i> , 2022, 24, 512-517.	1.3	0
2	Incommensurate Phase in Îr-Coobalt (III) Sepulchrate Trinitrate Governed by Highly Competitive N-H...O and C-H...O Hydrogen Bond Networks**. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	2
3	Observation of multilayer quantum Hall effect in the charge density wave material CaCu_2Cl_2 . <i>Physical Review Research</i> , 2022, 4, .		
4	Commensurate Stacking Phase Transitions in an Intercalated Transition Metal Dichalcogenide. <i>Advanced Materials</i> , 2022, 34, e2108550.	11.1	5
5	Orthorhombic charge density wave on the tetragonal lattice of EuAl_4 . <i>IUCr</i> , 2022, 9, 378-385.	1.0	10
6	Pressurizing the van der Waals magnet FeOCl at low temperatures: Phase transitions and structural evolution. <i>Physical Review B</i> , 2022, 105, .	1.1	2
7	Single-crystal-to-single-crystal phase transitions of commensurately modulated sodium saccharinate 1.875-hydrate. <i>IUCr</i> , 2021, 8, 139-147.	1.0	2
8	Toward Understanding High-Z Organic Molecular Crystals through the Superspace Method: The Example of Glycyl-L-valine. <i>Crystal Growth and Design</i> , 2021, 21, 2324-2331.	1.4	4
9	Modulated crystal structure of the atypical charge density wave state of single-crystal Lu_2Zn_2 . <i>Physical Review B</i> , 2021, 104, .		
10	Superconductivity in Y_4RuGe_8 with a Vacancy-Ordered CeNiSi_2 -Type Superstructure. <i>Chemistry of Materials</i> , 2021, 33, 7839-7847.	3.2	3
11	Broadband CrOCl Saturable Absorber with a Spectral Region Extension to 10.6 μm . <i>Advanced Optical Materials</i> , 2020, 8, 1901446.	3.6	15
12	Boranes: The Boron Subhydride $\text{B}_{10}\text{H}_{13}$ with a Distorted I^2 -Boron Crystal Structure. <i>Inorganic Chemistry</i> , 2020, 59, 13295-13300.	1.9	1
13	Charge density of 4-methyl-3-[(tetrahydro-2H-pyran-2-yl)oxy]thiazole-2(3H)-thione. A comprehensive multipole refinement, maximum entropy method and density functional theory study. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 450-468.	0.5	3
14	Magnetic Field-Controlled Quantum Critical Points in the Triangular Antiferromagnetic Cs_2CuCl_4 - Br_x Mixed System. <i>Annalen Der Physik</i> , 2020, 532, 2000147.	0.9	1
15	Multiple magnetic-phase transitions and critical behavior of charge-density wave compound TbTe_3 . <i>Journal of Physics Condensed Matter</i> , 2020, 32, 305801.	0.7	2
16	Unusual charge density wave transition and absence of magnetic ordering in $\text{Er}_2\text{Si}_2\text{O}_7$. <i>Physical Review B</i> , 2020, 101, .		
17	Mixed system $\text{Cs}_3\text{Cu}_3\text{Cl}_{8-x}\text{Br}_x\text{OH}$ with weakly connected Cu-triangles. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 140, 109386.	1.9	0
18	On the puzzling case of sodium saccharinate 1.875-hydrate: structure description in (3+1)-dimensional superspace. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 18-27.	0.5	5

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19	Polymorphism of R-Encenicline Hydrochloride: Access to the Highest Number of Structurally Characterized Polymorphs Using Desolvation of Various Solvates. <i>Crystal Growth and Design</i> , 2019, 19, 4765-4773.	1.4	22
20	Cadmium(II) complexes of a hydrazone ligand: Synthesis, characterization, DNA binding, cyto- and genotoxicity studies. <i>Polyhedron</i> , 2019, 171, 237-248.	1.0	23
21	Local Structure of Ferrioc Iron Formates at Low Temperature and High Pressure Studied by Mössbauer Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 21676-21684.	1.5	4
22	Tetragonal Mixed System $Cs_2CuCl_4 \cdot xH_2O$ Complemented by the Tetragonal Phase Realization of Cs_2CuCl_4 . <i>Crystal Growth and Design</i> , 2019, 19, 6627-6635.	1.4	2
23	Charge density wave and lock-in transitions of CuV_2S_4 . <i>Physical Review B</i> , 2019, 99, .	1.1	11
24	Inverse pressure-induced Mott transition in $TiPO_4$. <i>Physical Review B</i> , 2019, 99, .	1.1	2
25	The role of magnetic order in $VOCl_3$. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 325502.	0.7	5
26	Coherent Coupled-Mode Phonon Emission in a Photoexcited Charge-Density-Wave System. , 2019, , .		0
27	Coherent photo-induced phonon emission in the charge-density-wave state of $K_{0.3}MoO_3$. <i>New Journal of Physics</i> , 2019, 21, 013013.	1.2	2
28	Second-order charge-density-wave transition in single crystals of $LaNi_3$. <i>Physical Review Materials</i> , 2019, 3, .	1.3	18
29	Zr_2 -Bis(methylene)biphenylidene-bridged bis(3-indenyl) dichloride complexes of Ti, Zr and Hf as catalyst precursors for ethylene polymerization. <i>Polyhedron</i> , 2018, 144, 176-186.	1.0	6
30	Role of Steric Hindrance in the Crystal Packing of $Zn_4 = 4$ Superstructure of Trimethyltin Hydroxide. <i>Crystal Growth and Design</i> , 2018, 18, 1394-1400.	1.4	11
31	An unusual metallic behavior in a Ag_4SSe single crystal. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	0
32	The role of PbI_2 in $CH_3NH_3PbI_3$ perovskite stability, solar cell parameters and device degradation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 605-614.	1.3	135
33	1,2-Bis(dimethylsilyl)phenylidene bridged zirconocene and hafnocene dichloride complexes as precatalysts for ethylene polymerization. <i>Journal of Organometallic Chemistry</i> , 2018, 854, 76-86.	0.8	6
34	Magnetic Phase Diagram of the Triangular Antiferromagnetic $Cs_2CuCl_4 \cdot xH_2O$ Mixed System. <i>Annalen Der Physik</i> , 2018, 530, 1800270.	0.9	6
35	On avoiding negative electron density in Gram-Charlier refinements of anharmonic motion: the example of glutathione. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2018, 233, 695-706.	0.4	4
36	Disorder-order transitions in the perovskite metal-organic frameworks $[(CH_3)_3NH_2][M(HCOO)_3]$ at high pressure. <i>CrystEngComm</i> , 2018, 20, 3512-3521.	1.3	47

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37	Electrostatic potential in crystals of I^{\pm} -boron, I^3 -boron and boron carbide. Zeitschrift Fur Kristallographie - Crystalline Materials, 2018, 233, 663-673.	0.4	0
38	Pressure dependence of spin canting in ammonium metal formate antiferromagnets. Physical Chemistry Chemical Physics, 2018, 20, 24465-24476.	1.3	7
39	Pressure-mediated structural transitions in bulk EuTiO_3 . Physical Review B, 2018, 98, .		
40	Impact of excess PbI_2 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
41	Unusual electronic properties of a low-temperature phase of Ag_2O . Physical Review Materials, 2018, 2, .		
42	Phase-channel dynamics reveal the role of impurities and screening in a quasi-one-dimensional charge-density wave system. Scientific Reports, 2017, 7, 2039.	1.6	14
43	The electrostatic potential of dynamic charge densities. Journal of Applied Crystallography, 2017, 50, 1627-1636.	1.9	16
44	Bioselective synthesis of gold nanoparticles from diluted mixed Au, Ir, and Rh ion solution by <i>Anabaena cylindrica</i> . Journal of Nanoparticle Research, 2017, 19, 1.	0.8	3
45	Unusual ground states in R_2X_{10} ($\text{R} = \text{rare earth}; \text{T} = \text{Rh, Ir, and X}$)	8.1	15
46	Incommensurately modulated structure of morpholinium tetrafluoroborate and configurational versus chemical entropies at the incommensurate and lock-in phase transitions. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 836-843.	0.5	2
47	Time-dependent growth of crystalline Au^0 -nanoparticles in cyanobacteria as self-reproducing bioreactors: 2. <i>Anabaena cylindrica</i> . Beilstein Journal of Nanotechnology, 2016, 7, 312-327.	1.5	32
48	Superspace description of trimethyltin hydroxide at $\text{T} = 100$ K. Zeitschrift Fur Kristallographie - Crystalline Materials, 2016, 231, 427-434.	0.4	3
49	Charge-ordering transition in iron oxide Fe_4O_5 involving competing dimer and trimer formation. Nature Chemistry, 2016, 8, 501-508.	6.6	54
50	Disorder and defects are not intrinsic to boron carbide. Scientific Reports, 2016, 6, 19330.	1.6	34
51	Structural distortions in the high-pressure polar phases of ammonium metal formates. CrystEngComm, 2016, 18, 8849-8857.	1.3	22
52	High-Pressure Phase Transformations in TiPO_4 : A Route to Pentacoordinated Phosphorus. Angewandte Chemie - International Edition, 2016, 55, 15053-15057.	7.2	22
53	High-Pressure Phase Transformations in TiPO_4 : A Route to Pentacoordinated Phosphorus. Angewandte Chemie, 2016, 128, 15277-15281.	1.6	9
54	Growth, structure, defects and polarized absorption spectral properties of $\text{Er:Yb:YCa}_4\text{O}(\text{BO}_3)_3$ crystals. Journal of Solid State Chemistry, 2016, 233, 120-124.	1.4	10

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55	The $Z = 12$ superstructure of $\hat{\Gamma}$ -cobalt(III) sepulchrate trinitrate governed by H...O hydrogen bonds. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 372-380.	0.5	10
56	Pressure-induced normal-incommensurate and incommensurate-commensurate phase transitions in CrOCl. Scientific Reports, 2015, 5, 9647.	1.6	13
57	Synthesis, Superstructure, and Vacancy Ordering in $2\text{HfCu}_x\text{Ta}_{1+y}\text{Se}_2$ ($x, y = 0.52, 0$ and 0.16). Tj $\text{EQ} 1 1 6784314$		
58	Compressibility of IrOs alloys under high pressure. Journal of Alloys and Compounds, 2015, 622, 155-161.	2.8	14
59	Resonance-stabilized partial proton transfer in hydrogen bonds of incommensurate phenazine-chloranilic acid. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2015, 71, 228-234.	0.5	11
60	Synthesis, crystal structure and thermal analysis of a new stilbazolium salt crystal. Frontiers of Materials Science, 2015, 9, 147-150.	1.1	0
61	The active site of hen egg-white lysozyme: flexibility and chemical bonding. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 1136-1146.	2.5	35
62	Transformation between spin-Peierls and incommensurate fluctuating phases of Sc-doped TiOCl. Physical Review B, 2014, 90, .	1.1	3
63	Single Crystal X-ray Structure of Cu_3TaSe_4 and a Comparative Study of Cu_3MX_4 ($M = \text{V, Nb, Ta}$; $X = \text{S, Se, Te}$). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 931-934.	0.6	7
64	Structural investigations, high temperature behavior and phase transition of $\text{Na}_6\text{Ca}_4(\text{SO}_4)_6\text{F}_2$. Mineralogy and Petrology, 2014, 108, 487.	0.4	1
65	N...O and C...F hydrogen bonds in the incommensurately modulated crystal structure of adamantan-1-ammonium 4-fluorobenzoate. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 652-659.	0.5	6
66	Ferroelectricity of Phenazine-Chloranilic Acid at $T = 100$ K. Journal of Chemical Crystallography, 2014, 44, 387-393.	0.5	9
67	Time-dependent growth of crystalline AuO-nanoparticles in cyanobacteria as self-reproducing bioreactors: 1. Anabaena sp.. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	33
68	High-pressure behavior of FeOCl. Physical Review B, 2013, 88, . Experimental evidence of orbital order in $\hat{\Gamma}_\pm$	1.1	13
69	$\hat{\Gamma}_\pm$ B_{12} and TiPO_4 Spin-Peierls distortions in TiPO_4	1.1	27
70	Spin-Peierls distortions in TiPO_4 . Physical Review B, 2013, 88, .	1.1	17
71	Equivalence of superspace groups. Acta Crystallographica Section A: Foundations and Advances, 2013, 69, 75-90.	0.3	67
72	Two-dimensional magnetic clusters in $\text{La}(\text{Ti}_{1-x}\text{Fe}_x)\text{O}_{3n+2}$ ($n = 5$ with $x = 0.2$ and $n = 6$ with $x = 0.33$). Journal of Physics Condensed Matter, 2013, 25, 076003.	0.7	5

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73	Investigation of phases in Al ₂₃ Co ₁₅ Cr ₂₃ Cu ₈ Fe ₁₅ Ni ₁₆ and Al ₈ Co ₁₇ Cr ₁₇ Cu ₈ Fe ₁₇ 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
74	Charge density distribution of 3-(1-aminoethylidene)-2-methoxy-2-oxo-2,3-dihydro-2H-benzo[1,2]oxaphosphinin-4-one. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2013, 69, 621-628.	0.5	6
75	Superspace approach to high pressure superstructures. <i>High Pressure Research</i> , 2013, 33, 501-510.	0.4	2
76	Anisotropic thermal expansion of La ₂ (Ti,Fe) ₃ O ₇ (x = 5 and 6). <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2013, 69, 137-144.	0.5	7
77	Topological Properties of Chemical Bonds from Static and Dynamic Electron Densities. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 2047-2056.	0.6	3
78	Electron densities by the maximum entropy method (MEM) for various types of prior densities: a case study on three amino acids and a tripeptide. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2013, 69, 203-213.	0.5	10
79	Anisotropic thermal expansion of La ₂ (Ti,Fe) ₃ O ₇ (x = 5 and 6). <i>Acta Crystallographica Section B: Structural Science</i> , 2013, 69, 137-144.	1.8	0
80	Electron densities by the maximum entropy method (MEM) for various types of prior densities: a case study on three amino acids and a tripeptide. <i>Acta Crystallographica Section B: Structural Science</i> , 2013, 69, 203-213.	1.8	0
81	Magnetoelastic coupling in the incommensurate antiferromagnetic phase of FeOCl. <i>Physical Review B</i> , 2012, 86, .	1.1	28
82	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
83	Self-Intercalation and Vacancy-Ordering in 6R-Cu _x Ta _{1+y} S ₂ (x = 0.23, y = 0, 0.06). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 2625-2631.	0.6	6
84	EDMA: a computer program for topological analysis of discrete electron densities. <i>Journal of Applied Crystallography</i> , 2012, 45, 575-580.	1.9	388
85	Reconstructions of electron density by the Maximum Entropy Method from X-ray powder diffraction data based on incomplete and complete crystal structure models: a case study of apatites with different intercalated metal atoms. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2012, 227, 321-333.	0.4	1
86	Dy _{0.64} {Dy ₅ [Fe ₂ C ₉]}: A complex carbide with a composite structure. <i>Journal of Solid State Chemistry</i> , 2012, 190, 73-79.	1.4	5
87	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
88	Electron-Deficient and Polycenter Bonds in the High-Pressure Phase of Boron. <i>Physical Review Letters</i> , 2011, 106, 215502.	2.9	46
89	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
90	Modulated structure of nepheline. <i>Acta Crystallographica Section B: Structural Science</i> , 2011, 67, 18-29.	1.8	15

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91	Modulated anharmonic ADPs are intrinsic to aperiodic crystals: a case study on incommensurate Rb_2ZnCl_4 . Acta Crystallographica Section B: Structural Science, 2011, 67, 205-217.	1.8	7
92	Effect of processing parameter on hydrogen storage characteristics of as quenched $\text{Ti}_{45}\text{Zr}_{38}\text{Ni}_{17}$ quasicrystalline alloys. International Journal of Hydrogen Energy, 2011, 36, 592-599.	3.8	36
93	High pressure synthesis of single crystals of $\hat{\Gamma}$ -boron. Journal of Crystal Growth, 2011, 321, 162-166.	0.7	26
94	Temperature-dependent neutron diffraction on TiI_3 . Zeitschrift für Kristallographie, 2011, 226, 640-645.	1.1	2
95	Structure and microwave dielectric properties of $\text{Ca}_5\text{A}_4\text{TiO}_{17}$ (A=Nb, Ta) ceramics. Materials Chemistry and Physics, 2010, 121, 77-82.	2.0	22
96	Orientalional disorder in $\hat{\Gamma}$ -cobalt(III) sepulchrate trinitrate. Acta Crystallographica Section C: Crystal Structure Communications, 2010, 66, m107-m109.	0.4	7
97	Maximum entropy method and charge flipping, a powerful combination to visualize the true nature of structural disorder from <i>in situ</i> X-ray powder diffraction data. Acta Crystallographica Section B: Structural Science, 2010, 66, 184-195.	1.8	7
98	Structures of incommensurate and commensurate composite crystals Rb_xMnO_2 ($x = 1.3711, 1.3636$). Acta Crystallographica Section B: Structural Science, 2010, 66, 27-33.	1.8	18
99	Modulation functions of incommensurately modulated $\text{Cr}_2\text{P}_2\text{O}_7$ studied by the maximum entropy method (MEM). Acta Crystallographica Section B: Structural Science, 2010, 66, 130-140.	1.8	6
100	MEM Calculations on Apatites Containing Peroxide Using BAYMEM and TOPAS. Materials Science Forum, 2010, 651, 105-116.	0.3	1
101	Commensurate charge-density wave with frustrated interchain coupling in SmNiC_2 . Physical Review B, 2010, 82, .	1.1	33
102	Raman signatures of charge ordering in $\text{K}_{0.3}\text{MnO}_2$. Physical Review B, 2010, 81, .	1.1	12
103	Structure of incommensurately modulated chromium pyrophosphate studied by Maximum Entropy Method (MEM). Journal of Physics: Conference Series, 2010, 226, 012012.	0.3	0
104	Heat conductivity of the spin-Peierls compounds TiOCl and TiOBr . Physical Review B, 2010, 81, .	1.1	3
105	Two pressure-induced structural phase transitions in TiOCl . Physical Review B, 2010, 82, .	1.1	5
106	Phase transition, crystal structure, and magnetic order in VOCl . Physical Review B, 2009, 80, .	1.1	21
107	Observation of strong magnetoelastic coupling in a first-order phase transition of CrOCl . Physical Review B, 2009, 80, .	1.1	38
108	Superhard Semiconducting Optically Transparent High Pressure Phase of Boron. Physical Review Letters, 2009, 102, 185501.	2.9	139

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109	Filling of the Mott-Hubbard gap in the oxyhalides TiOCl and TiOBr induced by external pressure. High Pressure Research, 2009, 29, 509-513.	0.4	3
110	Modulation functions of aperiodic crystals by the maximum entropy method in superspace. Physica Scripta, 2009, 79, 048305.	1.2	3
111	The maximum entropy method in accurate charge-density studies. Physica Scripta, 2009, 79, 048304.	1.2	23
112	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
113	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
114	Low- and high-temperature crystal structures of. Journal of Solid State Chemistry, 2009, 182, 525-531.	1.4	17
115	Structure and microstructure of the high pressure synthesised misfit layer compound [Sr2O2][CrO2]1.85. Journal of Solid State Chemistry, 2008, 181, 1840-1847.	1.4	10
116	Nuclear and magnetic structure of VOCl at low temperatures. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 2078-2078.	0.6	0
117	Phase diagrams of $\langle M \rangle O \langle X \rangle$ ($\langle M \rangle = \text{Ti, V, Cr}$; $\langle X \rangle = \text{Cl, Br}$). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 2086-2086.	0.6	0
118	Accurate charge density of $\hat{\pm}$ -glycine by the maximum entropy method. CrystEngComm, 2008, 10, 335-343.	1.3	24
119	A Raman study of the charge-density-wave state in $A_{0.3} \text{MoO}_3$ ($A = \text{K, Rb}$). New Journal of Physics, 2008, 10, 023043.	1.2	22
120	Normal-to-incommensurate phase transition in the spin-Peierls compound TiOCl: An x-ray diffraction study. Physical Review B, 2008, 77, .	1.1	14
121	Mott-Hubbard gap closure and structural phase transition in the oxyhalides TiOBr and TiOCl under pressure. Physical Review B, 2008, 78, .	1.1	22
122	Coherent amplitudon generation in blue bronze through ultrafast interband quasi-particle decay. Journal of Physics Condensed Matter, 2007, 19, 346208.	0.7	13
123	Pressure-induced metallization and structural phase transition of the Mott-Hubbard insulator TiOBr. Physical Review B, 2007, 76, .	1.1	17
124	Publisher's Note: Incommensurate modulations of Bi-III and Sb-II [Phys. Rev. B75, 184114 (2007)]. Physical Review B, 2007, 75, .	1.1	0
125	Symmetry disquisition on the TiOX phase diagram ($X = \text{Br, Cl}$). Physical Review B, 2007, 75, .	1.1	24
126	One-dimensional versus two-dimensional correlation effects in the oxyhalides TiOCl and TiOBr. Physical Review B, 2007, 75, .	1.1	17

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127	Incommensurate modulations of Bi-III and Sb-II. <i>Physical Review B</i> , 2007, 75, .	1.1	28
128	Low-temperature behavior of NaGaSi ₂ O ₆ . <i>American Mineralogist</i> , 2007, 92, 560-569.	0.9	9
129	Interaction of an Adsorbed Atom with a Laser. <i>Advances in Chemical Physics</i> , 2007, , 679-713.	0.3	4
130	Strain effects in perovskite manganites. <i>Progress in Solid State Chemistry</i> , 2007, 35, 367-377.	3.9	11
131	Hybridization, superexchange, and competing magnetoelastic interactions in TiOBr. <i>Physical Review B</i> , 2007, 76, .	1.1	8
132	Structures of incommensurate and commensurate composite crystals Na _x CuO ₂ (x = 1.58, 1.6, 1.62). <i>Acta Crystallographica Section B: Structural Science</i> , 2007, 63, 17-25.	1.8	25
133	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
134	Quantitative description of the tilt of distorted octahedra in ABX ₃ structures. <i>Acta Crystallographica Section B: Structural Science</i> , 2007, 63, 190-200.	1.8	22
135	Superspace description of the crystal structures of Ca _n (Nb,Ti) _n O _{3n+2} (n = 5 and 6). <i>Acta Crystallographica Section B: Structural Science</i> , 2007, 63, 183-189.	1.8	14
136	Accurate charge density of the tripeptide Ala-Pro-Ala with the maximum entropy method (MEM): influence of data resolution. <i>Acta Crystallographica Section B: Structural Science</i> , 2007, 63, 633-643.	1.8	11
137	Phase Transition and Crystal Structure of the Monomeric Europium(II) Thiolate Eu(SC ₃ H ₄) ₂ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 1031-1035.	0.6	4
138	Behavior of 10-Å... phase at low temperatures. <i>Physics and Chemistry of Minerals</i> , 2007, 34, 23-29.	0.3	7
139	Structural anomalies at the ferromagnetic transition and precursor effects in the vicinity of the structural phase transition of La _{0.815} Ba _{0.185} MnO ₃ . <i>Physical Review B</i> , 2006, 74, .	1.1	2
140	Twinning and structure of Eu _{0.6} Sr _{0.4} MnO ₃ . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, i3-i5.	0.4	3
141	Structure of the incommensurate phase of the quantum magnet TiOCl. <i>Physical Review B</i> , 2006, 73, .	1.1	28
142	High-temperature behavior of vanadyl pyrophosphate. <i>Journal of Solid State Chemistry</i> , 2005, 178, 2225-2230.	1.4	6
143	Crystal structure of. <i>Journal of Solid State Chemistry</i> , 2005, 178, 2934-2941.	1.4	36
144	The Twofold Superstructure of Titanium(III) Oxybromide at T = 17.5 K.. <i>ChemInform</i> , 2005, 36, no.	0.1	0

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145	Monoclinic $\text{La}_{1-x}\text{Ba}_x\text{MnO}_3$ ($x = 0.185$) at 160 K. <i>ChemInform</i> , 2005, 36, no.	0.1	0
146	The twofold superstructure of titanium(III) oxybromide at $T = 17.5$ K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, i47-i48.	0.4	16
147	Monoclinic $\text{La}_{1-x}\text{Ba}_x\text{MnO}_3$ ($x = 0.185$) at 160 K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, i83-i85.	0.4	2
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