

Volker Kahlenberg

List of Publications by Year in descending order

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263
papers

3,459
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159358

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all docs

289
docs citations

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times ranked

3481
citing authors

#	ARTICLE	IF	CITATIONS
1	On the incorporation of strontium into the crystal structure of bredigite: structural effects and phase transition. <i>Mineralogy and Petrology</i> , 2022, 116, 151-167.	0.4	1
2	High-temperature behavior and structural studies on $\text{Ca}_{14}\text{Al}_{10}\text{Zn}_6\text{O}_{35}$. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2022, 237, 219-232.	0.4	0
3	The crystal structure of 3-(1-(2-((5-methylthiophen-2-yl)methylene)hydrazinyl)ethylidene)chroman-2,4-dione, $\text{C}_{17}\text{H}_{14}\text{N}_2\text{O}_3$. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2022, 237, 775-777.	0.1	2
4	Crystal structure of $(\text{K}_{1.5}\text{Na}_{0.5})\text{Ca}_3\text{Si}_3\text{O}_{10}$. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022, 78, 727-731.	0.2	1
5	2-Arylazoimidazoles Revamped by Quarternization or Dimerization; Another Gain in Functionality of an Industrial Dyestuff Family by Task-Specific Side-Chain Substituents. <i>Heterocycles</i> , 2022, 105, 461.	0.4	1
6	A Fluoropyonytailed NHC-Silver Complex Formed from Vinylimidazolium/ AgNO_3 under Aqueous Ammoniacal Conditions. <i>Molecules</i> , 2022, 27, 4137.	1.7	1
7	N, N-Dimethoxyimidazolium Derivatives as Ion Pair Constituents of Energetic Redox Couples: Model Studies by Thermal Analysis and Crystallography. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 365-376.	0.6	2
8	SFCA-II type $\text{Ca}_{2.46}\text{Fe}_3+8.57\text{Fe}_2+0.52\text{Al}_5.45\text{O}_{24}$ - an improved structural model for an iron-ore sinter phase. <i>Mineralogy and Petrology</i> , 2021, 115, 137-147.	0.4	3
9	Structural systematics of SFCA-I type solid-solutions in the system $\text{CaO-Fe}_2\text{O}_3\text{-FeO-Al}_2\text{O}_3$. <i>Physics and Chemistry of Minerals</i> , 2021, 48, 1.	0.3	5
10	$\text{K}_4\text{CaSi}_6\text{O}_{15}$ - Solving a 90-year-old riddle. <i>Journal of the American Ceramic Society</i> , 2021, 104, 6678.	1.9	2
11	Low-temperature phase transition and magnetic properties of $\text{K}_3\text{YbSi}_2\text{O}_7$. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2021, 77, 584-593.	0.5	1
12	Expanding the Solid Form Landscape of Bipyridines. <i>Crystal Growth and Design</i> , 2021, 21, 7201-7217.	1.4	5
13	The Eight Hydrates of Strychnine Sulfate. <i>Crystal Growth and Design</i> , 2020, 20, 6069-6083.	1.4	4
14	2-Mercaptoimidazolium halides: structural diversity, stability and spontaneous racemisation. <i>CrystEngComm</i> , 2020, 22, 6034-6046.	1.3	2
15	Synthesis and crystal structures of two 1,3-di(alkyloxy)-2-(methylsulfanyl)imidazolium tetrafluoroborates. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 552-556.	0.2	1
16	Febuxostat ethanol monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 816-819.	0.2	0
17	Synthesis and crystal structure of ABW-type $\text{SrFe}_{1.40}\text{V}_{0.60}\text{O}_4$. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 664-667.	0.2	0
18	Structural studies on $\text{Ca}_3\text{Al}_4\text{MgO}_{10}$ (C ₃ A ₂ M) - A ternary phase in the system $\text{CaO-Al}_2\text{O}_3\text{-MgO}$. <i>Journal of the American Ceramic Society</i> , 2019, 102, 2084-2093.	1.9	5

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19	Extensive Sequential Polymorphic Interconversion in the Solid State: Two Hydrates and Ten Anhydrous Phases of Hexamidine Diisethionate. <i>Crystal Growth and Design</i> , 2019, 19, 7280-7289.	1.4	10
20	Thermal expansion and compressibility of $\text{Ca}_3\text{Al}_4\text{ZnO}_{10}$ – an unusual tetrahedral framework structure. <i>Journal of Solid State Chemistry</i> , 2019, 276, 319-330.	1.4	3
21	A new ternary phase in the system $\text{CaO}-\text{Al}_2\text{O}_3-\text{Cr}_2\text{O}_3$: Crystal structure and thermal expansion of $\text{CaAl}_2\text{Cr}_2\text{O}_7$. <i>Journal of the American Ceramic Society</i> , 2019, 102, 6968-6979.	1.9	6
22	Structural investigations on bredigite from the Hatrurim Complex. <i>Mineralogy and Petrology</i> , 2019, 113, 261-272.	0.4	6
23	Synthetic and structural studies on pentafluorobenzylated imidazole systems. <i>Journal of Fluorine Chemistry</i> , 2019, 218, 51-62.	0.9	4
24	Structural elucidation of triclinic and monoclinic SFCA-III – killing two birds with one stone. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 1126-1136.	0.5	14
25	Optimized Synthesis and Solid State Investigations on the Drug Candidate Encenicline Hydrochloride. <i>Heterocycles</i> , 2019, 99, 1226.	0.4	2
26	Re-investigation and correct symmetry of $\text{Ca}_3\text{CoAl}_4\text{O}_{10}$. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 214-217.	0.2	1
27	Crystal structure of idelalisib (<i>tert</i> -butanol monosolvate dihydrate). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 414-417.	0.2	0
28	Kristalle verändern unsere Welt. Struktur – Eigenschaften – Anwendungen. By Wolfgang Neumann and Klaus-Werner Benz. De Gruyter, 2018, Paperback, Pp. xvi+282. Price EUR 39.95, USD 45.99, GBP 36.50. ISBN 978-3-11-043889-5. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 459-459.	0.5	0
29	Stability and calorimetric studies of silico-ferrites of calcium aluminum and magnesium. <i>Journal of the American Ceramic Society</i> , 2018, 101, 4193-4202.	1.9	1
30	First investigations on the quaternary system $\text{Na}_2\text{O}-\text{K}_2\text{O}-\text{CaO}-\text{SiO}_2$: synthesis and crystal structure of the mixed alkali calcium silicate $\text{K}_{1.08}\text{Na}_{0.92}\text{Ca}_6\text{Si}_4\text{O}_{15}$. <i>Mineralogy and Petrology</i> , 2018, 112, 219-228.	0.4	3
31	$\text{K}_2\text{CaSi}_4\text{O}_{10}$: A novel phase in the ternary system $\text{K}_2\text{O}-\text{CaO}-\text{SiO}_2$ and member of the litidionite group of crystal structures. <i>Journal of the American Ceramic Society</i> , 2018, 101, 919-927.	1.9	8
32	Investigations on FCAM-III ($\text{Ca}_{2.38}\text{Mg}_{2.09}\text{Fe}_3+10.61\text{Fe}_2+1.59\text{Al}_9.33\text{O}_{36}$): A new homologue of the aenigmatite structure-type in the system $\text{CaO}-\text{MgO}-\text{Fe}_2\text{O}_3-\text{Al}_2\text{O}_3$. <i>Journal of Solid State Chemistry</i> , 2018, 258, 307-319.	1.4	7
33	Computational and analytical approaches for investigating hydrates: the neat and hydrated solid-state forms of 3-(3-methylimidazolium-1-yl)propanoate. <i>CrystEngComm</i> , 2018, 20, 7826-7837.	1.3	6
34	Preparation and characterization of $\text{Na}_{1.5}\text{K}_{0.5}\text{Ca}_6\text{Si}_4\text{O}_{15}$ ($\text{Na}_{1.5}\text{K}_{0.5}\text{Ca}_6[\text{SiO}_4]_2[\text{Si}_2\text{O}_7]$) and $\text{Na}_{1.41}\text{K}_{0.19}\text{Ca}_2.20\text{Si}_2\text{O}_7$: two new phases in the system $\text{Na}_2\text{O}-\text{K}_2\text{O}-\text{CaO}-\text{SiO}_2$. <i>European Journal of Mineralogy</i> , 2018, 30, 957-966.	0.4	1
35	Bacterial Catabolism of Biphenyls: Synthesis and Evaluation of Analogues. <i>ChemBioChem</i> , 2018, 19, 1771-1778.	1.3	5
36	Synthesis and crystal structures of 2-bromo-1,3-dimethylimidazolium iodides. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 497-501.	0.2	3

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37	2-Functionalized Derivatives of 2-Bromo-1,3-dimethylimidazole. <i>Heterocycles</i> , 2018, 97, 1116.	0.4	2
38	Investigations on the crystal-structure and non-ambient behaviour of K ₂ Ca ₂ Si ₈ O ₁₉ – a new potassium calcium silicate. <i>Journal of Solid State Chemistry</i> , 2017, 253, 336-346.	1.4	3
39	Experimental and Computational Hydrate Screening: Cytosine, 5-Flucytosine, and Their Solid Solution. <i>Crystal Growth and Design</i> , 2017, 17, 4347-4364.	1.4	21
40	Molecular Level Understanding of the Reversible Phase Transformation between Forms III and II of Dapsone. <i>Crystal Growth and Design</i> , 2017, 17, 5054-5060.	1.4	19
41	Thermal expansion, mechanical and optical properties of gallium and aluminum substituted Zn ₂ TiO ₄ spinels. <i>Materials Research Bulletin</i> , 2017, 95, 367-379.	2.7	10
42	Temperature- and moisture-dependent studies on alunogen and the crystal structure of meta-alunogen determined from laboratory powder diffraction data. <i>Physics and Chemistry of Minerals</i> , 2017, 44, 95-107.	0.3	12
43	Synthesis, synchrotron diffraction study and twinning in Na ₂ Ca ₄ Mg ₂ Si ₄ O ₁₅ – a heteropolyhedral framework compound. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2017, 232, .	0.4	1
44	Investigations on the Crystal Structure and the Stability Field of FCAM-I (Ca ₃ MgAl ₆ Fe ₁₀ O ₂₈), an Iso-structure to SFCA-I. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2017, 48, 2207-2221.	1.0	12
45	New Insights into Solid Form Stability and Hydrate Formation: o-Phenanthroline HCl and Neocuproine HCl. <i>Molecules</i> , 2017, 22, 2238.	1.7	8
46	(E)-2,6-Dibromo-4-{2-[1-(1H,1H,2H,2H-perfluorooctyl)pyridinium-4-yl]ethenyl}phenolate methanol disolvate, a fluoroponytailed solvatochromic dye. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1526-1529.	0.2	3
47	Synthesis and Crystal Structures of Dicobalt Hexacarbonyl Complexes of Dicationic Alkyne-Bridged Imidazolium and Triazolium Derivates. <i>Heterocycles</i> , 2017, 95, 1148.	0.4	0
48	3,3-(Hexane-1,6-diyl)bis(1-vinyl-4-imidazoline-2-thione). <i>IUCrData</i> , 2017, 2, .	0.1	0
49	1-Allyl-2-methylpyridinium chloride. <i>IUCrData</i> , 2017, 2, .	0.1	1
50	Crystal Structures of Two 1,4-Diamino-1,2,4-triazolium Salts. <i>Crystals</i> , 2016, 6, 13.	1.0	1
51	2-Azidoimidazolium Ions Captured by N-Heterocyclic Carbenes: Azole-Substituted Triazatrimethine Cyanines. <i>Crystals</i> , 2016, 6, 40.	1.0	5
52	5-Azido-4-dimethylamino-1-methyl-1,2,4-triazolium Hexafluoridophosphate and Derivatives. <i>Crystals</i> , 2016, 6, 20.	1.0	4
53	Single-crystal X-ray diffraction study of Cs ₂ Er[Si ₆ O ₁₄]F and Cs ₂ Er[Si ₄ O ₁₀]F. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2016, 231, 195-207.	0.4	3
54	Melilite-like modulation and temperature-dependent evolution in the framework structure of K ₂ Sc[Si ₂ O ₆]F. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016, 72, 209-222.	0.5	4

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55	Mechanical Properties, Quantum Mechanical Calculations, and Crystallographic/Spectroscopic Characterization of GaNbO ₄ , Ga(Ta,Nb)O ₄ , and GaTaO ₄ . <i>Inorganic Chemistry</i> , 2016, 55, 5384-5397.	1.9	10
56	On the existence of a high-temperature polymorph of Na ₂ Ca ₆ Si ₄ O ₁₅ implications for the phase equilibria in the system Na ₂ O-CaO-SiO ₂ . <i>Mineralogy and Petrology</i> , 2016, 110, 905-915.	0.4	7
57	Î ² -alumina-14H and Î ² -alumina-21R: Two chromic Na ₂ -Î ² (Al,Mg,Cr) ₁₇ O ₂₅ polysomes observed in slags from the production of low-carbon ferrochromium. <i>Journal of Solid State Chemistry</i> , 2016, 241, 70-78.	1.4	0
58	Synthesis and reactions of 2-azido-1,3-di(benzyloxy)imidazolium hexafluoridophosphate. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016, 71, 997-1003.	0.3	4
59	Crystal Structures of Intermediates in a New Synthesis of Antitumor Drug Cabozantinib. <i>Heterocycles</i> , 2016, 93, 323.	0.4	3
60	High-pressure synthesis, long-term stability of single crystals of diboron trioxide, B ₂ O ₃ , and an empirical electronic polarizability of [3]B ₃ ⁺ . <i>Physics and Chemistry of Minerals</i> , 2016, 43, 527-534.	0.3	4
61	Crystal structure, Raman spectroscopy and crystal chemistry of K ₇ Ca ₉ [Si ₂ O ₇] ₄ F, a new potassium-calcium silicate-fluoride. <i>European Journal of Mineralogy</i> , 2016, 28, 751-763.	0.4	2
62	Rb ₂ Ca ₂ Si ₃ O ₉ : the first rubidium calcium silicate. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2016, 231, 209-217.	0.4	1
63	(3+1)-Incommensurately modulated crystal structure of Cs ₃ ScSi ₆ O ₁₅ . <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016, 72, 109-116.	0.5	2
64	Refinement of iron ore sinter phases: a silico-ferrite of calcium and aluminium (SFCA) and an Al-free SFC, and the effect on phase quantification by X-ray diffraction. <i>Mineralogy and Petrology</i> , 2016, 110, 141-147.	0.4	21
65	1,3-Bis(1-methyl-5-thioxo-1,2,4-triazolin-4-yl)urea. <i>IUCrData</i> , 2016, 1, .	0.1	0
66	[(Dimethylamino)methyl]dimethylazanium bis(trifluoromethanesulfonyl)amide. <i>IUCrData</i> , 2016, 1, .	0.1	0
67	Crystal structure of bis(1,3-dimethoxyimidazolin-2-ylidene)silver(I) hexafluoridophosphate, N-heterocyclic carbene (NHC) complex. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, m251-m252.	0.2	3
68	Investigations on alunogen under Mars-relevant temperature conditions: An example for a single-crystal-to-single-crystal phase transition. <i>American Mineralogist</i> , 2015, 100, 2548-2558.	0.9	6
69	TEV A Program for the Determination of the Thermal Expansion Tensor from Diffraction Data. <i>Crystals</i> , 2015, 5, 143-153.	1.0	56
70	Crystal growth, structural characterization and high temperature behavior of Na ₃ TmSi ₃ O ₉ . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2015, 230, .	0.4	1
71	New crystal structures in the realm of 5,5-azotetrazolates. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2015, 70, 125-134.	0.3	4
72	Li ₂ Ca ₂ Si ₂ O ₇ : Structural, spectroscopic and computational studies on a sorosilicate. <i>Journal of Solid State Chemistry</i> , 2015, 225, 155-167.	1.4	9

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73	Solid state forms of 4-aminoquinaldine " from void structures with and without solvent inclusion to close packing. <i>CrystEngComm</i> , 2015, 17, 2504-2516.	1.3	18
74	On the ambient pressure polymorph of $K_2Ca_3Si_3O_{10}$ "An unusual mixed-anion silicate and its structural and spectroscopic characterization. <i>Journal of Solid State Chemistry</i> , 2015, 228, 90-98.	1.4	15
75	Nanoindentation, High-Temperature Behavior, and Crystallographic/Spectroscopic Characterization of the High-Refractive-Index Materials $TiTa_2O_7$ and $TiNb_2O_7$. <i>Inorganic Chemistry</i> , 2015, 54, 6836-6848.	1.9	43
76	High-pressure synthesis and crystal structures of the strontium oxogallates $Sr_2Ga_2O_5$ and $Sr_5Ga_6O_{14}$. <i>Journal of Solid State Chemistry</i> , 2015, 228, 27-35.	1.4	2
77	Temperature- and moisture-dependent powder X-ray diffraction studies of kanemite ($NaSi_2O_4(OH) \cdot 3H_2O$). <i>Mineralogical Magazine</i> , 2015, 79, 103-120.	0.6	2
78	Crystal structure of 3-bromo-2-hydroxybenzoic acid. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 531-535.	0.2	1
79	Single-crystal structure and Raman spectroscopy of synthetic titanite analog $CaAlSiO_4F$. <i>Mineralogy and Petrology</i> , 2015, 109, 631-641.	0.4	4
80	Crystal structure of <i>cis</i> -diamminebis(nitrito- λ^2N)platinum(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 366-370.	0.2	2
81	Crystal structure of 1-[2-(diethylazaniumyl)ethyl]-3-methylimidazolium tetrachloridocuprate(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, m110-m111.	0.2	2
82	Structural and Ecotoxicological Profile of N-Alkoxymorpholinium-Based Ionic Liquids. <i>Heterocycles</i> , 2015, 90, 1018.	0.4	6
83	Low temperature phase transition and crystal structure of $CsMgPO_4$. <i>Journal of Solid State Chemistry</i> , 2015, 221, 224-229.	1.4	10
84	Synthesis and Crystal Structures of 1,1'-Methylene-bis(imidazolidine-2,4-dione) and Alkali Metal Salts. <i>Crystals</i> , 2014, 4, 1-10.	1.0	0
85	Hexaethylguanidinium Salts. <i>Crystals</i> , 2014, 4, 404-416.	1.0	7
86	Crystal Structures of New Ammonium 5-Aminotetrazolates. <i>Crystals</i> , 2014, 4, 439-449.	1.0	0
87	Innsbruckite, $Mn_{33}(Si_2O_5)_{14}(OH)_{38}$ " a new mineral from the Tyrol, Austria. <i>Mineralogical Magazine</i> , 2014, 78, 1613-1627.	0.6	1
88	Synthesis and Crystal Structures of New 1,4-Disubstituted 1,2,4-Triazoline-5-thiones. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2014, 69, 950-964.	0.3	4
89	$K_9Y_3[Si_{12}O_{32}]F_2$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, i11-i11.	0.2	12
90	$Rb_2Lu[Si_4O_{10}]F$, a tubular chain silicate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, i14-i14.	0.2	7

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91	Thortveitite-type $Tm_2Si_2O_7$. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, i34-i35.	0.2	7
92	Crystal structure of 4-amino-1-benzyl-1,2,4-triazolin-5-one. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o1083-o1084.	0.2	0
93	Structural investigations, high temperature behavior and phase transition of $Na_6Ca_4(SO_4)_6F_2$. Mineralogy and Petrology, 2014, 108, 487.	0.4	1
94	Structural investigations of the two polymorphs of synthetic Fe-cordierite and Raman spectroscopy of hexagonal Fe-cordierite. Mineralogy and Petrology, 2014, 108, 469-478.	0.4	3
95	On the crystal structure and low-temperature behaviour of davyne: A single-crystal X-ray and neutron diffraction study. Microporous and Mesoporous Materials, 2014, 185, 137-148.	2.2	5
96	One-pot occurrence of two polymorphs of $Rb_2Sc[Si_4O_{10}]F$ and their structural, spectroscopic and computational characterization. Journal of Solid State Chemistry, 2014, 220, 79-90.	1.4	7
97	Insights into Hydrate Formation and Stability of Morphinanes from a Combination of Experimental and Computational Approaches. Molecular Pharmaceutics, 2014, 11, 3145-3163.	2.3	38
98	$Ca_2Mg(NO_3)_6 \cdot 12H_2O$ "structural investigations on a new compound retrieved from chimney deposits of a combined heat and power plant. Mineralogy and Petrology, 2014, 108, 633-643.	0.4	1
99	New Solvates of an Old Drug Compound (Phenobarbital): Structure and Stability. Journal of Physical Chemistry B, 2014, 118, 3267-3280.	1.2	30
100	Nephelines from the Somma-Vesuvius volcanic complex (Southern Italy): crystal-chemical, structural and genetic investigations. Mineralogy and Petrology, 2014, 108, 71-90.	0.4	10
101	Improved Synthesis of Antipsychotic Drug Bifeprunox. Heterocycles, 2014, 88, 1655.	0.4	1
102	Absorbing a Little Water: The Structural, Thermodynamic, and Kinetic Relationship between Pyrogallol and Its Tetarto-Hydrate. Crystal Growth and Design, 2013, 13, 4071-4083.	1.4	39
103	Reinvestigation of pure Na-nepheline like compounds obtained from the thermal conversion of zeolite LTA. European Journal of Mineralogy, 2013, 25, 473-478.	0.4	4
104	Structural, Spectroscopic, and Computational Studies on $Tl_4Si_5O_{12}$: A Microporous Thallium Silicate. Inorganic Chemistry, 2013, 52, 8941-8949.	1.9	5
105	Topotactic formation of ferrisicklerite from natural triphylite under hydrothermal conditions. Mineralogy and Petrology, 2013, 107, 501-515.	0.4	7
106	On the crystal structure and compressional behavior of talc: a mineral of interest in petrology and material science. Physics and Chemistry of Minerals, 2013, 40, 145-156.	0.3	32
107	The low-temperature behavior of balliranoite (CAN topology): An in situ single-crystal X-ray diffraction study. Microporous and Mesoporous Materials, 2013, 174, 44-53.	2.2	6
108	Telaprevir: helical chains based on three-point hydrogen-bond connections. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 179-182.	0.4	5

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109	Synthesis and Crystal Structure of Na ₂ Ba ₉ Si ₂₀ O ₅₀ -An Intermediate Phase Along the Join Na ₂ Si ₂ O ₅ -BaSi ₂ O ₅ . <i>Journal of the American Ceramic Society</i> , 2013, 96, 318-322.	1.9	2
110	1,3-Di(alkoxy)imidazolium-based Ionic Liquids: Improved Synthesis and Crystal Structures. <i>Australian Journal of Chemistry</i> , 2013, 66, 391.	0.5	9
111	Synthesis and Crystal Structures of New 1,3-Disubstituted Imidazoline-2-thiones. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2013, 68, 1239-1252.	0.3	15
112	Alogliptin and its benzoate salt. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 674-678.	0.4	3
113	In situ dehydration behavior of veszelyite (Cu,Zn) ₂ Zn(PO ₄)(OH) ₃ ·2H ₂ O: A single-crystal X-ray study. <i>American Mineralogist</i> , 2013, 98, 1261-1269.	0.9	5
114	Looking for jarosite on Mars: The low-temperature crystal structure of jarosite. <i>American Mineralogist</i> , 2013, 98, 1966-1971.	0.9	23
115	Dipotassium hydrogencarbonate fluoride monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, i20-i20.	0.2	3
116	Iminium Salts by Meerwein Alkylation of Ehrlich's Aldehyde. <i>Crystals</i> , 2013, 3, 248-256.	1.0	2
117	Bromination of 1-Hydroxyimidazoles. Synthesis and Crystal Structures. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2012, 67, 354-358.	0.3	1
118	N ² -Cyclododecylidenepyridine-4-carbohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1205-o1205.	0.2	0
119	Form II of adipic acid-nicotinohydrazide (1/2). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o190-o190.	0.2	3
120	N ² -Cyclopentylidenepyridine-4-carbohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1299-o1299.	0.2	0
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#	ARTICLE	IF	CITATIONS
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236	Low-Dimensional Structural Units in Amine-Templated Uranyl Oxoselenates(VI): Synthesis and Crystal Structures of $[\text{C}_3\text{H}_{12}\text{N}_2][(\text{UO}_2)(\text{SeO}_4)_2(\text{H}_2\text{O})_2](\text{H}_2\text{O})$, $[\text{C}_5\text{H}_{16}\text{N}_2]_2[(\text{UO}_2)(\text{SeO}_4)_2(\text{H}_2\text{O})](\text{NO}_3)_2$, $[\text{C}_4\text{H}_{12}\text{N}][(\text{UO}_2)(\text{SeO}_4)(\text{NO}_3)]$, and $[\text{C}_4\text{H}_{14}\text{N}_2][(\text{UO}_2)(\text{SeO}_4)_2(\text{H}_2\text{O})]$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2352-2357.	0.6	39
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238	Rietveld Analysis of a High Pressure Modification of Monocalcium Oxogallate (CaGa_2O_4). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2411-2415.	0.6	9
239	Preparation and Crystal Structures of $\text{M}[(\text{UO}_2)_2(\text{SeO}_4)_4]_2(\text{H}_2\text{O})_2(\text{H}_2\text{O})_4$ (M = Mg, Zn). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2005, 60, 538-542.	0.3	18
240	Characterization and ab Initio XRPD Structure Determination of a Novel Silicate with Vierer Single Chains: The Crystal Structure of $\text{Na}_4\text{Si}_2\text{O}_6$. <i>Inorganic Chemistry</i> , 2005, 44, 9554-9560.	1.9	17
241	Synthesis and crystal structure of $\text{Zn}_2[(\text{UO}_2)_3(\text{SeO}_4)_5](\text{H}_2\text{O})_{17}$. <i>Journal of Alloys and Compounds</i> , 2005, 389, 55-60.	2.8	27
242	Synthesis and crystal structures of $\text{M}_2[(\text{UO}_2)_3(\text{SeO}_4)_5](\text{H}_2\text{O})_{16}$ (M=Co, Zn). <i>Journal of Alloys and Compounds</i> , 2005, 395, 41-47.	2.8	29
243	LaAlSiO_5 and apatite-type $\text{La}_{9.71}(\text{Si}_{0.81}\text{Al}_{0.19}\text{O}_4)_6\text{O}_{26}$ the crystal structures of two synthetic lanthanum alumosilicates. <i>Solid State Sciences</i> , 2004, 6, 553-560.	1.5	18
244	On the Crystal Structure of $\text{K}_2\text{Cu}_5\text{Cl}_8(\text{OH})_4 \cdot 2\text{H}_2\text{O}$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 900-903.	0.6	8
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247	The Crystal Structure of $\text{K}_2\text{Cu}_5\text{Cl}_8(\text{OH})_4 \cdot 2\text{H}_2\text{O}$.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
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249	Preparation and crystal structure of $\text{Na}_2\text{SrSi}_2\text{O}_6$ a cyclosilicate with perovskite-type features. <i>Journal of Alloys and Compounds</i> , 2004, 366, 132-135.	2.8	8
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255	High temperature single crystal diffraction study on monobarium gallate - the crystal structure of Î ² -BaGa ₂ O ₄ . Solid State Sciences, 2002, 4, 963-968.	1.5	17
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257	Single crystal structure investigation of twinned NaKSi ₂ O ₅ - a novel single layer silicate. Solid State Sciences, 2001, 3, 659-667.	1.5	12
258	The crystal structure of a mixed alkali phyllosilicate with composition Na _{1.55} K _{0.45} Si ₂ O ₅ . European Journal of Mineralogy, 2001, 13, 1215-1221.	0.4	6
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