

Volker Kahlenberg

List of Publications by Year in descending order

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papers

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all docs

289
docs citations

289
times ranked

3481
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Porous Uranyl Selenate Nanotubules. <i>Journal of the American Chemical Society</i> , 2005, 127, 1072-1073.	6.6	168
2	Nanoscale Tubules in Uranyl Selenates. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1134-1136.	7.2	144
3	Conformational polymorphism in aripiprazole: Preparation, stability and structure of five modifications. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 2010-2026.	1.6	103
4	Stability of Solvates and Packing Systematics of Nine Crystal Forms of the Antipsychotic Drug Aripiprazole. <i>Crystal Growth and Design</i> , 2009, 9, 1054-1065.	1.4	98
5	Crystal chemistry of $GdScO_3$, $DyScO_3$, $SmScO_3$ and $NdScO_3$. <i>Zeitschrift für Kristallographie</i> , 2007, 222, 466-473.	1.1	91
6	One-pot covalent and supramolecular synthesis of pharmaceutical co-crystals using the API isoniazid: a potential supramolecular reagent. <i>CrystEngComm</i> , 2010, 12, 2856.	1.3	77
7	Crystallization of Metastable Polymorphs of Phenobarbital by Isomorphic Seeding. <i>Crystal Growth and Design</i> , 2009, 9, 3444-3456.	1.4	66
8	TEV [®] A Program for the Determination of the Thermal Expansion Tensor from Diffraction Data. <i>Crystals</i> , 2015, 5, 143-153.	1.0	56
9	Solid-State Forms of β -Resorcylic Acid: How Exhaustive Should a Polymorph Screen Be?. <i>Crystal Growth and Design</i> , 2011, 11, 210-220.	1.4	55
10	Packing polymorphism of a conformationally flexible molecule (aprepitant). <i>New Journal of Chemistry</i> , 2008, 32, 1677.	1.4	50
11	Structural Features, Phase Relationships and Transformation Behavior of the Polymorphs α -VI of Phenobarbital. <i>Crystal Growth and Design</i> , 2010, 10, 302-313.	1.4	50
12	High-temperature structural phase transition in studied by in-situ X-ray diffraction and transmission electron microscopy. <i>Journal of Solid State Chemistry</i> , 2009, 182, 1515-1523.	1.4	46
13	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
14	Self-Assembly of Protonated 1,12-Dodecanediamine Molecules and Strongly Undulated Uranyl Selenate Sheets in the Structure of Amine-Templated Uranyl Selenate: $(H_3O)_2[C_{12}H_{30}N_2]_3[(UO_2)_4(SeO_4)_8](H_2O)_5$. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1653-1656.	1.0	42
15	Nanoscale Tubules in Uranyl Selenates. <i>Angewandte Chemie</i> , 2005, 117, 1158-1160.	1.6	39
16	Incommensurately modulated ordering of tetrahedral chains in $Ca_2Fe_2O_5$ at elevated temperatures. <i>Acta Crystallographica Section B: Structural Science</i> , 2005, 61, 656-662.	1.8	39
17	Structural Diversity of Sheets in Rubidium Uranyl Oxoselenates: Synthesis and Crystal Structures of $Rb_2[(UO_2)(SeO_4)_2(H_2O)](H_2O)$, $Rb_2[(UO_2)_2(SeO_4)_3(H_2O)_2](H_2O)_4$, and $Rb_4[(UO_2)_3(SeO_4)_5(H_2O)]$. <i>Zeitschrift Für Anorganische Und Allgemeine Chemie</i> , 2005, 631, 739-744.	0.6	39
18	Low-Dimensional Structural Units in Amine-Templated Uranyl Oxoselenates(VI): Synthesis and Crystal Structures of $[C_3H_{12}N_2][(UO_2)(SeO_4)_2(H_2O)_2](H_2O)$, $[C_5H_{16}N_2]_2[(UO_2)(SeO_4)_2(H_2O)](NO_3)_2$, $[C_4H_{12}N][(UO_2)(SeO_4)(NO_3)]$, and $[C_4H_{14}N_2][(UO_2)(SeO_4)_2(H_2O)]$. <i>Zeitschrift Für Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2352-2357.	0.6	39

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19	N,N'-Di(alkyloxy)imidazolium Salts: New Patent-free Ionic Liquids and NHC Precatalysts. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007, 62, 295-308.	0.3	39
20	Absorbing a Little Water: The Structural, Thermodynamic, and Kinetic Relationship between Pyrogallol and Its Tetarto-Hydrate. <i>Crystal Growth and Design</i> , 2013, 13, 4071-4083.	1.4	39
21	Rietveld analysis of dicalcium aluminate ($\text{Ca}_2\text{Al}_2\text{O}_5$) "A new high pressure phase with the Brownmillerite-type structure. <i>American Mineralogist</i> , 2000, 85, 1061-1065.	0.9	38
22	Synthesis and Crystal Structures of γ - and δ - $\text{Mg}_2[(\text{UO}_2)_3(\text{SeO}_4)_5](\text{H}_2\text{O})_{16}$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 2736-2742.	0.6	38
23	Amine-Templated Uranyl Selenates with Layered Structures. I Structural Diversity of Sheets with a U:Se ratio of 1:2. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2358-2364.	0.6	38
24	Incommensurate structure of $\text{Ca}_2\text{Al}_2\text{O}_5$ at high temperatures " structure investigation and Raman spectroscopy. <i>Acta Crystallographica Section B: Structural Science</i> , 2008, 64, 417-425.	1.8	38
25	Colored Polymorphs: Thermochemical and Structural Features of N-Picryl- p-toluidine Polymorphs and Solvates. <i>Crystal Growth and Design</i> , 2008, 8, 1977-1989.	1.4	38
26	Insights into Hydrate Formation and Stability of Morphinanes from a Combination of Experimental and Computational Approaches. <i>Molecular Pharmaceutics</i> , 2014, 11, 3145-3163.	2.3	38
27	DFT-aided interpretation of the Raman spectra of the polymorphic forms of $\text{Y}_2\text{Si}_2\text{O}_7$. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 78-85.	1.2	36
28	Rietveld Analysis and Raman Spectroscopic Investigations on $\text{Y}_2\text{Si}_2\text{O}_7$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 1166-1172.	0.6	34
29	Solid state characterisation of four solvates of R-cinacalcet hydrochloride. <i>CrystEngComm</i> , 2008, 10, 1617.	1.3	32
30	On the crystal structure and compressional behavior of talc: a mineral of interest in petrology and material science. <i>Physics and Chemistry of Minerals</i> , 2013, 40, 145-156.	0.3	32
31	Crystal structure of synthetic $\text{Al}_4\text{B}_2\text{O}_9$: A member of the mullite family closely related to boralsilite. <i>American Mineralogist</i> , 2008, 93, 918-927.	0.9	30
32	New Solvates of an Old Drug Compound (Phenobarbital): Structure and Stability. <i>Journal of Physical Chemistry B</i> , 2014, 118, 3267-3280.	1.2	30
33	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
34	$\text{K}_2\text{Ca}_6\text{Si}_4\text{O}_{15}$ " structural and spectroscopical studies on a mixed tetrahedral " octahedral framework. <i>Journal of Solid State Chemistry</i> , 2009, 182, 3254-3261.	1.4	29
35	Improved DFT calculation of Raman spectra of silicates. <i>Vibrational Spectroscopy</i> , 2011, 56, 265-272.	1.2	29
36	Structural characterization of strontium monoferrite SrFe_2O_4 , a new stuffed framework compound. <i>Solid State Sciences</i> , 2001, 3, 433-439.	1.5	28

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37	A Murine Model of Phosphate Nephropathy. American Journal of Pathology, 2011, 178, 1999-2006.	1.9	28
38	Synthesis and crystal structure of Zn ₂ [(UO ₂) ₃ (SeO ₄) ₅](H ₂ O) ₁₇ . Journal of Alloys and Compounds, 2005, 389, 55-60.	2.8	27
39	Synthesis and Crystal Structures of 1-Alkoxy-3-alkylimidazolium Salts Including Ionic Liquids, 1-Alkylimidazole 3-oxides and 1-Alkylimidazole Perhydrates. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2008, 63, 447-464.	0.3	27
40	Temperature-induced structure and microstructure evolution of nanostructured Ni _{<sub>0.9</sub>Zn<sub>0.1</sub>O. Journal of Applied Crystallography, 2010, 43, 699-709.}	1.9	27
41	Hydrogen bonding in the perhydrate and hydrates of 1,4-diazabicyclo[2.2.2]octane (DABCO). CrystEngComm, 2008, 10, 1638.	1.3	26
42	Hydrogen Bonding Patterns of the Co-Crystal Containing the Pharmaceutically Active Ingredient Isoniazid and Terephthalic Acid. Journal of Chemical Crystallography, 2011, 41, 991-997.	0.5	25
43	Covalent assistance in supramolecular synthesis: in situ modification and masking of the hydrogen bonding functionality of the supramolecular reagent isoniazid in co-crystals. CrystEngComm, 2011, 13, 5692.	1.3	24
44	Supramolecular constructs and thermodynamic stability of four polymorphs and a co-crystal of pentobarbital (nembital). CrystEngComm, 2012, 14, 2494.	1.3	23
45	Looking for jarosite on Mars: The low-temperature crystal structure of jarosite. American Mineralogist, 2013, 98, 1966-1971.	0.9	23
46	Sonochemical Reaction of [Fe(CO) ₅] with 1-Methylimidazole in An Ionic Liquid: Formation of [(1-Methylimidazole) ₆ FeII](PF ₆) ₂ . European Journal of Inorganic Chemistry, 2005, 2005, 522-528.	1.0	22
47	Li ₂ Si ₃ O ₇ : Crystal structure and Raman spectroscopy. Journal of Solid State Chemistry, 2007, 180, 922-928.	1.4	22
48	Devitrite (Na ₂ Ca ₃ Si ₆ O ₁₆)’s structural, spectroscopic and computational investigations on a crystalline impurity phase in industrial soda-lime glasses. Mineralogy and Petrology, 2010, 100, 1-9.	0.4	21
49	Covalent assistance to supramolecular synthesis: directing the supramolecular assembly of co-crystals by in situ modification of hydrogen bonding functionality. CrystEngComm, 2011, 13, 55-59.	1.3	21
50	Structural investigations on the fertilizer component K ₂ Ca ₂ Si ₂ O ₇ . European Journal of Mineralogy, 2011, 23, 101-110.	0.4	21
51	A Tale of Two Polymorphic Pharmaceuticals: Pyrithyldione and Propyphenazone and their 1937 Co-crystal Patent. Chemistry - A European Journal, 2011, 17, 13445-13460.	1.7	21
52	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. Mineralogy and Petrology, 2016, 110, 141-147.	0.4	21
53	Experimental and Computational Hydrate Screening: Cytosine, 5-Flucytosine, and Their Solid Solution. Crystal Growth and Design, 2017, 17, 4347-4364.	1.4	21
54	Hydrogen Bonding in the Crystal Structures of New Imidazolium Triflimide Protic Ionic Liquids. Journal of Chemical Crystallography, 2009, 39, 662-668.	0.5	20

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55	Structural and Raman Spectroscopic Investigations of $K_4BaSi_3O_9$ and $K_4CaSi_3O_9$. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 337-345.	0.6	20
56	Molecular Level Understanding of the Reversible Phase Transformation between Forms III and II of Dapsone. Crystal Growth and Design, 2017, 17, 5054-5060.	1.4	19
57	Crystal growth and cation distribution in doped dicalcium ferrite $Ca_2(Fe_{1-x}M_x)O_5$ (M = Al ³⁺ , Ga ³⁺). European Journal of Mineralogy, 2000, 12, 129-135.	0.4	18
58	LaAlSiO ₅ and apatite-type $La_{9.71}(Si_{0.81}Al_{0.19}O_4)_6O_2$ the crystal structures of two synthetic lanthanum aluminosilicates. Solid State Sciences, 2004, 6, 553-560.	1.5	18
59	Preparation and Crystal Structures of $M[(UO_2)(SeO_4)_2(H_2O)](H_2O)_4$ (M = Mg, Zn). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2005, 60, 538-542.	0.3	18
60	N-Heterocyclic Carbene (NHC) Derivatives of 1,3-Di(benzyloxy)imidazolium Salts. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 776-782.	0.3	18
61	Solid state forms of 4-aminoquinoline from void structures with and without solvent inclusion to close packing. CrystEngComm, 2015, 17, 2504-2516.	1.3	18
62	High temperature single crystal diffraction study on monobarium gallate the crystal structure of β -BaGa ₂ O ₄ . Solid State Sciences, 2002, 4, 963-968.	1.5	17
63	Characterization and ab Initio XRPD Structure Determination of a Novel Silicate with Vierer Single Chains: The Crystal Structure of NaYSi ₂ O ₆ . Inorganic Chemistry, 2005, 44, 9554-9560.	1.9	17
64	Syntheses, crystal structures, and polymorphism of quaternary pyrrolidinium chlorides. CrystEngComm, 2008, 10, 748.	1.3	17
65	Redetermination of terbium scandate, revealing a defect-type perovskite derivative. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, i79-i79.	0.2	17
66	Mössbauer Spectroscopy and X-ray Diffraction Study of ⁵⁷ Fe-Labeled Tetrachloroferrate(III)-Based Magnetic Ionic Liquids. International Journal of Molecular Sciences, 2011, 12, 6397-6406.	1.8	17
67	Structural and Thermodynamic Features of Crystal Polymorphs of R-Cinacalcet Hydrochloride. Crystal Growth and Design, 2008, 8, 4109-4119.	1.4	16
68	On the existence of a second modification of $K_4SrSi_3O_9$ X-ray single crystal diffraction, Raman spectroscopical and high temperature studies. Solid State Sciences, 2007, 9, 65-71.	1.5	15
69	β -Y ₂ Si ₂ O ₇ Structural investigations on a quenchable high-pressure mixed anion silicate. Solid State Sciences, 2007, 9, 542-550.	1.5	15
70	Quaternary 4-Amino-1,2,4-triazolium Salts: Crystal Structures of Ionic Liquids and N-Heterocyclic Carbene (NHC) Complexes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 603-616.	0.3	15
71	Synthesis, spectral characterization, electrochemical properties and antimicrobial screening of sulfur containing acylferrocenes. Polyhedron, 2010, 29, 1863-1869.	1.0	15
72	Conformational Flexibility and Cation-Anion Interactions in 1-Butyl-2,3-dimethylimidazolium Salts. Crystal Growth and Design, 2012, 12, 1838-1846.	1.4	15

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73	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
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	Metal Atom Vibrational Amplitudes in Decamethylferrocene and Related Organometallics. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3255-3260.	1.0	14
76	Does K_2CaSiO_4 Exist? A Phase-Analytical Study in the System K_2O - CaO - SiO_2 with Implications for the Characterization of Residual Materials. <i>Journal of the American Ceramic Society</i> , 2011, 94, 2652-2655.	1.9	14
77	Crystal chemistry of nephelines from ijolites and nepheline-rich pegmatites: influence of composition and genesis on the crystal structure investigated by X-ray diffraction. <i>Mineralogy and Petrology</i> , 2011, 101, 185-194.	0.4	14
78	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
79	Single Crystal X-ray Diffraction Study of $CsHSi_2O_5$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003, 629, 981-984.	0.6	13
80	Atomic and domain structure of the low-temperature phase of barium metagermanate ($BaGeO_3$). <i>Acta Crystallographica Section B: Structural Science</i> , 2006, 62, 1002-1009.	1.8	13
81	$K_2Ca_3Si_3O_{10}$, a novel trisilicate: high-pressure synthesis, structural, spectroscopic and computational studies. <i>European Journal of Mineralogy</i> , 2011, 23, 425-435.	0.4	13
82	Single crystal structure investigation of twinned $NaKS_2O_5$ —a novel single layer silicate. <i>Solid State Sciences</i> , 2001, 3, 659-667.	1.5	12
83	Synthesis and crystal structure of $Sr_{10}Al_6O_{19}$: a derivative of the perovskite structure type in the system SrO — Al_2O_3 . <i>Materials Research Bulletin</i> , 2002, 37, 715-726.	2.7	12
84	Structural studies on a high-pressure polymorph of $NaYSi_2O_6$. <i>Journal of Solid State Chemistry</i> , 2007, 180, 1934-1942.	1.4	12
85	Protonation in germanium equivalents of ringwoodite, anhydrous phase B, and superhydrous phase B. <i>American Mineralogist</i> , 2008, 93, 1282-1294.	0.9	12
86	The 1:1 and 1:2 salts of 1,4-diazabicyclo[2.2.2]octane and bis(trifluoromethylsulfonyl)amine: thermal behaviour and polymorphism. <i>CrystEngComm</i> , 2011, 13, 5439.	1.3	12
87	$K_9Y_3[Si_{12}O_{32}]F_2$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, i11-i11.	0.2	12
88	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
89	Investigations on the Crystal Structure and the Stability Field of FCAM-I ($Ca_3MgAl_6Fe_{10}O_{28}$), 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
90	Crystal structure and low-temperature behavior of "disordered" thomsonite. <i>American Mineralogist</i> , 2010, 95, 495-502.	0.9	11

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91	Structural Chemistry of Anhydrous Sodium Silicates – A Review. <i>Chimia</i> , 2010, 64, 716.	0.3	11
92	On the Al/Fe substitution in iron doped monocalcium aluminate - the crystal structure of $\text{CaAl}_{1.8}\text{Fe}_{0.2}\text{O}_4$. <i>European Journal of Mineralogy</i> , 2001, 13, 403-410.	0.4	10
93	Synthesis, Rietveld Analysis and Solid State Raman Spectroscopy of $\text{K}_4\text{SrSi}_3\text{O}_9$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 2037-2042.	0.6	10
94	On the existence of a Na-deficient monoclinic trinepheline with composition $\text{Na}_{7.85}\text{Al}_{7.85}\text{Si}_{8.15}\text{O}_{32}$. <i>American Mineralogist</i> , 2008, 93, 1072-1079.	0.9	10
95	Synthesis and Crystal Structures of New 5,5'-Azotetrazolates. <i>Crystals</i> , 2012, 2, 127-136.	1.0	10
96	Nephelines from the Somma-Vesuvius volcanic complex (Southern Italy): crystal-chemical, structural and genetic investigations. <i>Mineralogy and Petrology</i> , 2014, 108, 71-90.	0.4	10
97	Low temperature phase transition and crystal structure of CsMgPO_4 . <i>Journal of Solid State Chemistry</i> , 2015, 221, 224-229.	1.4	10
98	Mechanical Properties, Quantum Mechanical Calculations, and Crystallographic/Spectroscopic Characterization of GaNbO_4 , $\text{Ga}(\text{Ta},\text{Nb})\text{O}_4$, and GaTaO_4 . <i>Inorganic Chemistry</i> , 2016, 55, 5384-5397.	1.9	10
99	Thermal expansion, mechanical and optical properties of gallium and aluminum substituted Zn_2TiO_4 spinels. <i>Materials Research Bulletin</i> , 2017, 95, 367-379.	2.7	10
100	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
101	Tetrastrontium-digalliumoxide ($\text{Sr}_4\text{Ga}_2\text{O}_7$) – synthesis and crystal structure of a mixed anion strontium gallate related to perovskite. <i>Journal of Solid State Chemistry</i> , 2005, 178, 1429-1439.	1.4	9
102	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
103	$\text{Na}_{8.25}\text{Y}_{1.25}\text{Si}_6\text{O}_{18}$ and its family of <i>zwölferring</i> silicates. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2008, 223, 389-398.	0.4	9
104	Second-order $P6c2$ - $P31c$ transition and structural crystallography of the cyclosilicate benitoite, $\text{BaTiSi}_3\text{O}_9$, at high pressure. <i>American Mineralogist</i> , 2012, 97, 1749-1763.	0.9	9
105	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
106	$\text{Li}_2\text{Ca}_2\text{Si}_2\text{O}_7$: Structural, spectroscopic and computational studies on a sorosilicate. <i>Journal of Solid State Chemistry</i> , 2015, 225, 155-167.	1.4	9
107	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
108	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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109	Core and shell structure of ytterbium sesquioxide nanoparticles. <i>Journal of Alloys and Compounds</i> , 2010, 502, 107-111.	2.8	8
110	Halogen Interactions in 2,4,5-Tribromoimidazolium Salts. <i>Crystals</i> , 2012, 2, 1017-1033.	1.0	8
111	New Insights into Solid Form Stability and Hydrate Formation: o-Phenanthroline HCl and Neocuproine HCl. <i>Molecules</i> , 2017, 22, 2238.	1.7	8
112	$K_2CaSi_4O_{10}$: A novel phase in the ternary system $K_2O-CaO-SiO_2$ and member of the litidionite group of crystal structures. <i>Journal of the American Ceramic Society</i> , 2018, 101, 919-927.	1.9	8
113	Crystal chemistry and polytypism of tyrolite. <i>American Mineralogist</i> , 2006, 91, 1378-1384.	0.9	7
114	Structural studies on a stuffed framework high pressure polymorph of $CaAl_2O_4$. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2007, 222, .	0.4	7
115	Novel linear acetylpentanedionato complexes for metal-organic framework construction. <i>CrystEngComm</i> , 2008, 10, 327-334.	1.3	7
116	Non-Halide Ionic Liquids for Solvation, Extraction, and Processing of Cellulosic Materials. <i>ACS Symposium Series</i> , 2010, , 229-259.	0.5	7
117	$Na_6Si_2O_7$ - The Missing Structural Link among Alkali Pyrosilicates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 1974-1979.	0.6	7
118	Structural Investigations and Thermal Behavior of $(EMIm)[Cr(C_2O_4)_2] \cdot 2H_2O$ [1-ethyl-3-methylimidazolium Chromium(III) Dioxalate Dihydrate]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1371-1377.	0.6	7
119	Crystal Structures of 1-Hydroxyimidazole and Its Salts. <i>Crystals</i> , 2012, 2, 1492-1501.	1.0	7
120	Leucostaurite, $Pb_2[B_5O_9]Cl \cdot 0.5H_2O$, from the Atacama Desert: The first Pb-dominant member of the hilgardite group, and micro-determination of boron in minerals by PIGE. <i>American Mineralogist</i> , 2012, 97, 1206-1212.	0.9	7
121	Topotactic formation of ferrisicklerite from natural triphylite under hydrothermal conditions. <i>Mineralogy and Petrology</i> , 2013, 107, 501-515.	0.4	7
122	Hexaethylguanidinium Salts. <i>Crystals</i> , 2014, 4, 404-416.	1.0	7
123	$Rb_2Lu[Si_4O_{10}]F$, a tubular chain silicate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, i14-i14.	0.2	7
124	Thortveitite-type $Tm_2Si_2O_7$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, i34-i35.	0.2	7
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