

Gerald Giester

List of Publications by Year in descending order

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131
papers

1,795
citations

279487

23
h-index

395343

33
g-index

139
all docs

139
docs citations

139
times ranked

2016
citing authors

#	ARTICLE	IF	CITATIONS
1	The crystal structure of nesquehonite, $MgCO_3 \cdot 3H_2O$, from Lavrion, Greece. <i>Mineralogy and Petrology</i> , 2000, 70, 153-163.	0.4	69
2	Crystal structure refinements of synthetic chalcocyanite ($CuSO_4$) and zincosite ($ZnSO_4$). <i>Mineralogy and Petrology</i> , 1988, 39, 201-209.	0.4	64
3	Synthesis, Crystal Structure and Biological Characterization of a Novel Palladium(II) Complex with a Coumarin-Derived Ligand. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4412-4419.	1.0	64
4	The structures of some rare earth basic nitrates $[Ln_6(\frac{1}{4}O)(\frac{1}{4}OH)_8(H_2O)_{12}(NO_3)_6](NO_3)_2 \cdot xH_2O$, $Ln = Y, Gd, Yb$, $x(Y, Yb) = 4$; $x(Gd) = 5$. A novel rare earth metal cluster of the M_6X_8 type with interstitial O atom. <i>Journal of Alloys and Compounds</i> , 1994, 205, 235-242.	2.8	59
5	Synthesis of Tumor-Inhibiting Complex Salts Containing the Aniontrans-Tetrachlorobis(indazole)ruthenate(III) and Crystal Structure of the Tetraphenylphosphonium Salt. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 1551-1555.	1.0	54
6	Syntheses and crystal structures of some new rare earth basic nitrates II: $[Ln_6O(OH)_8(H_2O)_{12}(NO_3)_6](NO_3)_2 \cdot xH_2O$, $Ln = Sm, Dy, Er$; $x(Sm) = 6$, $x(Dy) = 5$, $x(Er) = 4$. <i>Journal of Alloys and Compounds</i> , 1997, 257, 175-181.	2.8	52
7	On the constitution and thermodynamic modelling of the system $Ti-Ni-Sn$. <i>RSC Advances</i> , 2015, 5, 92270-92291.	1.7	43
8	Tetrahedrally coordinated boron in Al-rich tourmaline and its relationship to the pressure-temperature conditions of formation. <i>European Journal of Mineralogy</i> , 2008, 20, 881-888.	0.4	41
9	In γ Co_4Sb_{12} Skutterudite: Phase Equilibria and Crystal Structure. <i>Journal of Electronic Materials</i> , 2013, 42, 2940-2952.	1.0	41
10	The crystal structure of the natrochalcite-type compounds $Me^{z+}_x Cu_2(OH)(zO_4)_2 \cdot H_2O$ [$Me^{z+} = Na, K, Rb$; $z = S, Se$], with special reference to the hydrogen bonds. <i>Zeitschrift für Kristallographie</i> , 1987, 179, 431-442.	1.1	38
11	Superconductivity and spin fluctuations in $\{Th, U\}Pt_4Ge_{12}$ skutterudites. <i>Physical Review B</i> , 2008, 78, .	1.1	38
12	Structure and Physical Properties of Clathrate I Systems $Ba_8Pd_xSi_{46-x}$ and $Ba_8Pt_xSi_{46-x}$. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 54-60.	0.7	32
13	Ba-Cu-Si Clathrates: Phase Equilibria and Crystal Chemistry. <i>Journal of Electronic Materials</i> , 2010, 39, 1634-1639.	1.0	29
14	Novel glucose-ferrocenyl derivatives: synthesis and properties. <i>New Journal of Chemistry</i> , 2002, 26, 671-673.	1.4	28
15	Crystal Structure of $W_{1-x}B_3$ and Phase Equilibria in the Boron-Rich Part of the Systems $Mo-Rh-B$ and $W-\{Ru, Os, Rh, Ir, Ni, Pd, Pt\}-B$. <i>Journal of Phase Equilibria and Diffusion</i> , 2014, 35, 384-395.	0.5	27
16	Special Collection: Advances in Ultrahigh-Pressure Metamorphism: Tetrahedral boron in natural and synthetic HP/UHP tourmaline: Evidence from Raman spectroscopy, EMPA, and single-crystal XRD. <i>American Mineralogist</i> , 2016, 101, 93-104.	0.9	27
17	Nitrogen-Rich Compounds of the Lanthanoids: Highlights and Summary. <i>Helvetica Chimica Acta</i> , 2010, 93, 183-202.	1.0	26
18	Suppression of vacancies boosts thermoelectric performance in type-I clathrates. <i>Journal of Materials Chemistry A</i> , 2018, 6, 1727-1735.	5.2	26

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19	The crystal structures of lavendulan, sampleite, and a new polymorph of sampleite. <i>European Journal of Mineralogy</i> , 2007, 19, 75-93.	0.4	25
20	Syntheses and crystal structures of the new compounds BaFe ₂ (SeO ₃) ₄ , AgFe(SeO ₃) ₂ and RbFe(SeO ₄)(SeO ₃). <i>Journal of Alloys and Compounds</i> , 2000, 308, 71-76.	2.8	24
21	Syntheses and crystal structures of rare earth basic nitrates hydrates. <i>Journal of Alloys and Compounds</i> , 2009, 481, 116-128.	2.8	24
22	Copper(II) carboxylates with 4-aminopyridine: neutral mononuclear structures, isomerism of aceto compounds and a novel tetranuclear structure. <i>New Journal of Chemistry</i> , 2002, 26, 933-938.	1.4	23
23	Phase Equilibria, Crystal Chemistry and Physical Properties of Au-Ba-Ge Clathrates. <i>Journal of Phase Equilibria and Diffusion</i> , 2011, 32, 115-127.	0.5	23
24	Syntheses and Crystal Structures of Ca ₃ Fe ₂ (SeO ₃) ₆ and Sr ₃ Fe ₂ (SeO ₃) ₆ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1996, 622, 1788-1792.	0.6	22
25	Crystal structures and constitution of the binary system iridium-boron. <i>Science China Materials</i> , 2015, 58, 649-668.	3.5	22
26	The crystal structures of CuSO ₄ · ½ H ₂ O and CuSeO ₄ · ½ H ₂ O, and their relationships to kieserite. <i>Mineralogy and Petrology</i> , 1988, 38, 277-284.	0.4	21
27	Synthesis and crystal structure of monoclinic Fe ₂ (SeO ₄) ₃ . <i>Monatshefte Für Chemie</i> , 1991, 122, 617-623.	0.9	21
28	Nitrogen-Rich Compounds of the Lanthanoids: The 5,5-Azobis[1 <i>H</i> -tetrazol-1-ides] of some Yttrium Earths (Tb, Dy, Ho, Er, Tm, Yb, and Lu). <i>Helvetica Chimica Acta</i> , 2009, 92, 1371-1384.	1.0	20
29	Darrellhenryite, Na(LiAl ₂)Al ₆ (BO ₃) ₃ Si ₆ O ₁₈ (OH) ₃ O, a new mineral from the tourmaline supergroup. <i>American Mineralogist</i> , 2013, 98, 1886-1892.	0.9	20
30	Crystallographic and Spectroscopic Investigations on Nine Metal-Rare Earth Silicates with the Apatite Structure Type. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 948-963.	1.0	20
31	On the constitution and thermodynamic modelling of the system Zr-Ni-Sn. <i>Journal of Alloys and Compounds</i> , 2018, 742, 1058-1082.	2.8	20
32	The crystal structure of Fe(SeO ₂ OH)(SeO ₄) · ½ H ₂ O. <i>Monatshefte Für Chemie</i> , 1992, 123, 957-963.	0.9	19
33	Nitrogen-Rich Compounds of the Lanthanoids: The 5,5-Azobis[1 <i>H</i> -tetrazol-1-ides] of the Light Rare Earths (Ce, Pr, Nd, Sm, Eu, Gd). <i>Helvetica Chimica Acta</i> , 2009, 92, 2038-2051.	1.0	19
34	Synthetic B-rich olenite: Correlations of single-crystal structural data. <i>American Mineralogist</i> , 2012, 97, 1591-1597.	0.9	19
35	Cu- and Mn-bearing tourmalines from Brazil and Mozambique: crystal structures, chemistry and correlations. <i>Mineralogy and Petrology</i> , 2013, 107, 265-279.	0.4	19
36	Crystal structures of the new pseudo-isotypic compounds NaFe(SeO ₃) ₂ and BaCo(SeO ₃) ₂ . <i>Journal of Alloys and Compounds</i> , 1996, 239, 99-102.	2.8	18

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37	Hydrothermal synthesis and crystal structure of Mn(SeO ₃) ₂ . Journal of Solid State Chemistry, 1991, 91, 370-374.	1.4	17
38	Niedermayrite, Cu ₄ Cd(SO ₄) ₂ (OH) ₆ · ½ 4H ₂ O, a new mineral from the Lavrion Mining District, Greece. Mineralogy and Petrology, 1998, 63, 19-34.	0.4	17
39	Syntheses and crystal structures of Pb(SeO ₃) ₂ and two modifications of Sn(SeO ₃) ₂ . Journal of Alloys and Compounds, 2006, 419, 45-49.	2.8	17
40	Superconductivity and Magnetism in MPt ₄ Ge ₁₂ , M = Ca, Ba, Sr, Eu. Journal of the Physical Society of Japan, 2008, 77, 121-127.	0.7	17
41	Crystal structure of Li ₂ Cu ₃ (SeO ₃) ₂ (SeO ₄) ₂ . Monatshefte für Chemie, 1989, 120, 661-666.	0.9	16
42	A contribution to the crystal chemistry of the voltaite group: solid solutions, Mössbauer and infrared spectra, and anomalous anisotropy. Mineralogy and Petrology, 2013, 107, 221-233.	0.4	16
43	The Ti-Mn system revisited: experimental investigation and thermodynamic modelling. Physical Chemistry Chemical Physics, 2016, 18, 23326-23339.	1.3	16
44	Mereiterite, K ₂ Fe[SO ₄] ₂ · 4H ₂ O, a new leonite-type mineral from the Lavrion Mining District, Greece. European Journal of Mineralogy, 1995, 7, 559-566.	0.4	16
45	The crystal structures of Ag ⁺ Cu ₂ (OH)(SO ₄) ₂ · 2H ₂ O and Me ⁺ Cu ₂ (OH)(SeO ₄) ₂ · 2H ₂ O [Me ⁺ = Ag, Tl, NH ₄ ⁺], four new representatives of the natrochalcite type, with a note on natural natrochalcite. Zeitschrift für Kristallographie, 1989, 187, 239-247.	1.1	15
46	Single-Crystal Investigations on Quaternary Clathrates Ba ₈ Cu ₅ Si _x Ge _{41-x} (x = 6, 18, 41). Journal of Electronic Materials, 2011, 40, 589-596.	1.0	15
47	Alkali sulfates with apthitalite-like structures from fumaroles of the Tolbachik Volcano, Kamchatka, Russia. I. Metathardite, a natural high-temperature modification of Na ₂ SO ₄ . Canadian Mineralogist, 2019, 57, 885-901.	0.3	15
48	Sm(OH) ₂ NO ₃ : Synthesis, characterization, powder diffraction data, and structure refinement by the Rietveld technique. Powder Diffraction, 1994, 9, 115-118.	0.4	14
49	1,1'-Bis(oxazolin-2-yl)ferrocenes: An Investigation of Their Complexation Behavior toward [Pd(η ³ -allyl)Cl] ₂ . European Journal of Inorganic Chemistry, 2005, 2005, 1589-1600.	1.0	14
50	STRUCTURAL AND CHEMICAL INVESTIGATION OF A ZONED SYNTHETIC Cu-RICH TOURMALINE. Canadian Mineralogist, 2015, 53, 209-220.	0.3	14
51	Ba-filled Ni-Sb-Sn based skutterudites with anomalously high lattice thermal conductivity. Dalton Transactions, 2016, 45, 11071-11100.	1.6	13
52	Diffusion-controlled crack propagation in alkali feldspar. Physics and Chemistry of Minerals, 2019, 46, 15-26.	0.3	13
53	Cation-Directed Synthetic Strategy Using 4f Tungstoantimonates as Nonlacunary Precursors for the Generation of 3d-4f Clusters. Inorganic Chemistry, 2020, 59, 8461-8467.	1.9	13
54	Crystal chemistry of elpidite from Khan Bogdo (Mongolia) and its K- and Rb-exchanged forms. Crystallography Reports, 2011, 56, 832-841.	0.1	12

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55	Two Structure Types Based on Si ₆ O ₁₅ Rings: Synthesis and Structural and Spectroscopic Characterisation of Cs _{1.86} K _{1.14} DySi ₆ O ₁₅ and Cs _{1.6} K _{1.4} SmSi ₆ O ₁₅ . <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2426-2436.	1.0	12
56	Pt ^{II} -B System Revisited: Pt ₂ B, a New Structure Type of Binary Borides. Ternary WAl ₁₂ -Type Derivative Borides. <i>Inorganic Chemistry</i> , 2015, 54, 10958-10965.	1.9	12
57	Triapine Derivatives Act as Copper Delivery Vehicles to Induce Deadly Metal Overload in Cancer Cells. <i>Biomolecules</i> , 2020, 10, 1336.	1.8	12
58	Crystal structures of K- and Cs-exchanged forms of zorite. <i>Crystallography Reports</i> , 2005, 50, 367-373.	0.1	11
59	The Crystal Structure of Ni ₂₁ Sn ₂ P ₆ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 301-306.	0.6	11
60	Structural and Physical Properties Diversity of New CaCu ₅ -Type Related Europium Platinum Borides. <i>Inorganic Chemistry</i> , 2013, 52, 4185-4197.	1.9	11
61	Effect of Solvent on the Structural Diversity of Quasi-Aromatic M ^{II} -bis Cadmium(II) Complexes Fabricated from the Bulky N ₆ Tetradentate Helical Ligand. <i>Crystal Growth and Design</i> , 2019, 19, 1649-1659.	1.4	11
62	Synthesis and Crystal Structure of the New Polymorph Cu ₃ Fe ₂ (SeO ₃) ₆ -II.. <i>Acta Chemica Scandinavica</i> , 1997, 51, 501-503.	0.7	11
63	Phosphate ^{II} -templated Encapsulation of a {Co ^{II} } ₄ O ₄ Cubane in Germanotungstates as Carbon ^{II} -Free Homogeneous Water Oxidation Photocatalysts. <i>ChemSusChem</i> , 2021, 14, 2529-2536.	3.6	10
64	Structural Diversity in Manganese(II) Complexes with Multidentate N ^{II} -Donor Imino Pyridyl Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1176-1181.	0.6	9
65	The crystal structure of cualstibite-1M (formerly cyanophyllite), its revised chemical formula and its relation to cualstibite-1T. <i>Mineralogy and Petrology</i> , 2013, 107, 171-178.	0.4	8
66	Synthesis of the first Zn ₆ -hexagon sandwich-tungstoantimonate via rearrangement of a non-lacunary Krebs-type polyoxotungstate. <i>Dalton Transactions</i> , 2018, 47, 15651-15655.	1.6	8
67	Halogenated Alkyltetrazoles for the Rational Design of Fe ^{II} Spin ^{II} -Crossover Materials: Fine ^{II} -tuning of the Ligand Size. <i>Chemistry - A European Journal</i> , 2018, 24, 5271-5280.	1.7	8
68	Thermoacidophilic Bioleaching of Industrial Metallic Steel Waste Product. <i>Frontiers in Microbiology</i> , 2022, 13, 864411.	1.5	8
69	Carboxylation of 2-Hydroxyethyl-Substituted Tetrachloro(ethane-1,2-diamine)platinum(IV) Complexes ^{II} A New Synthetic Approach to Anticancer Platinum Compounds. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 417-421.	1.0	7
70	Crystal structure of Pb-exchanged form of zorite. <i>Crystallography Reports</i> , 2006, 51, 379-382.	0.1	7
71	An unusually water-poor 5,5 ^{II} -azobistetrazolate of dysprosium: stabilization of a nitrogen-rich heterocycle by a minimum of hydrogen bonds. <i>New Journal of Chemistry</i> , 2013, 37, 3840.	1.4	7
72	Phase equilibria and crystal structures in the system Ce ^{II} -Zn ^{II} -Si. <i>Intermetallics</i> , 2013, 36, 118-126.	1.8	7

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73	Crystal structure of sideronatrite-2M, Na ₂ Fe(SO ₄) ₂ (OH)(H ₂ O) ₃ , a new polytype from Xitieshan lead-zinc deposit, Qinghai Province, China. <i>European Journal of Mineralogy</i> , 2015, 27, 427-432.	0.4	7
74	Phase Relations and Crystal Structures in the Ternary Systems Sr- $\{Ag, Au\}$ - $\{Si, Ge\}$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1404-1421.	0.6	7
75	High Temperature FeB-type Phases in the Systems Ta-{Ti,Zr,Hf}-B. <i>Journal of Phase Equilibria and Diffusion</i> , 2015, 36, 620-631.	0.5	7
76	Yb ₉ CuMg ₄ ($x = 0.034$): A β -Phase Formed by Lanthanoids. <i>Inorganic Chemistry</i> , 2016, 55, 8174-8183.	1.9	7
77	Synthesis, Crystal Structure, and IR and Mössbauer Spectroscopy of the Isotypic Series M ₃ Fe ₂ (SeO ₃) ₆ ·2H ₂ O (M=Mg, Co, Ni). <i>Journal of Solid State Chemistry</i> , 1997, 131, 54-63.	1.4	6
78	Crystal structures of the new isotypic compounds Rb ₄ (M ₂)(Fe ₃) ₈ [SeO ₃] ₁₄ [SeO ₂ (OH)] ₂ ·2 H ₂ O (M = Tl, Pb, Bi, Sb, As, Sn, Te, Se, S). <i>Materials</i> , 2006, 221, 722-731.	0.4	6
79	Investigation of anhydrous metal(II) nitrates. I. Syntheses and crystal structures of Mg(NO ₃) ₂ , Co(NO ₃) ₂ and Ni(NO ₃) ₂ , with a stereochemical discussion. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2008, 223, 408-417.	0.4	6
80	Biachellaite, (Na,Ca,K) ₈ (Si ₆ Al ₆ O ₂₄)(SO ₄) ₂ (OH) _{0.5} ·H ₂ O, a new mineral species of the cancrinite group. <i>Geology of Ore Deposits</i> , 2009, 51, 588-594.	0.2	6
81	Flux Synthesis and Structural and Spectroscopic Characterization of a Cobalt Europium Trisilicate. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3405-3411.	1.0	6
82	The Systems Tantalum (Niobium)-Cobalt-Boron. <i>Journal of Phase Equilibria and Diffusion</i> , 2014, 35, 43-85.	0.5	6
83	Structural and photoluminescence properties of doped and REE-endmember mixed-framework rare-earth sorosilicates. <i>Journal of Luminescence</i> , 2015, 168, 207-217.	1.5	6
84	Picomolar Traces of Americium(III) Introduce Drastic Changes in the Structural Chemistry of Terbium(III): A Break in the Gadolinium Break. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13264-13269.	7.2	6
85	Azobis[tetrazolide] Carbonates of the Lanthanides "Breaking the Gadolinium Break. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1969-1975.	1.0	6
86	Contributions to the stereochemistry of zirconium oxysalts" part I: syntheses and crystal structures of novel Zr(SeO ₄) ₂ ·H ₂ O and Zr(SeO ₄) ₂ ·4H ₂ O. <i>Monatshefte Für Chemie</i> , 2018, 149, 1321-1325.	0.9	6
87	Contributions to the stereochemistry of zirconium oxysalts" part II: syntheses and crystal structures of Zr(SeO ₃)(SeO ₄), Zr ₄ (SeO ₃)(SeO ₄) ₇ , and Zr ₃ (SeO ₃)(SeO ₄) ₅ ·2H ₂ O. <i>Monatshefte Für Chemie</i> , 2019, 150, 593-603.	0.9	6
88	Fe(II)Fe(III) ₂ (SO ₄) ₄ ·2H ₂ O: a new Fe(II) " Fe(III) sulfate, synthesis and crystal structure. <i>Zeitschrift Für Kristallographie</i> , 1991, 196, 269-277.	1.1	5
89	Enantiomerically Pure Poly(oxymethylene) Helices: Correlating Helicity with Centrochirality. <i>Helvetica Chimica Acta</i> , 2008, 91, 581-597.	1.0	5
90	Synthesis and structural peculiarities of gallium Complexes with novel paullone derivatives. <i>Open Chemistry</i> , 2008, 6, 340-346.	1.0	5

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91	T-induced displacive phase transition of end-member Pb-lawsonite. <i>Mineralogical Magazine</i> , 2016, 80, 249-267.	0.6	5
92	Hydrogen-bonding system in amarillite, NaFe(SO ₄) ₂ (H ₂ O) ₆ : the structure refinement. <i>European Journal of Mineralogy</i> , 2016, 28, 953-958.	0.4	5
93	The crystal structure of the natural 1,2,4-triazolate compound NaCu ₂ Cl ₃ [N ₃ C ₂ H ₂] ₂ [NH ₃] ₂ . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2016, 231, 47-53.		
94	Stergiouite, CaZn ₂ (AsO ₄) ₂ ·4H ₂ O – a new mineral from the Lavrion Mining District, Greece. <i>Mineralogy and Petrology</i> , 2020, 114, 319-327.	0.4	5
95	Synthesis and characterization of the Anderson-Evans tungstoantimonate [Na ₅ (H ₂ O) ₁₈ {(HOCH ₂) ₂ CHNH ₃ }] ₂ [SbW ₁₀ O ₃₆]. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2021, 77, 420-425.		
96	Crystal structure of byelorussite-(Ce) NaMnBa ₂ Ce ₂ (TiO) ₂ [Si ₄ O ₁₂] ₂ (F,OH) · H ₂ O. <i>Crystallography Reports</i> , 2004, 49, 964-968.	0.1	4
97	Crystal structure, and physical properties of the novel compounds EuRh ₃ Ge ₇ and EuIr ₃ Ge ₇ . <i>Intermetallics</i> , 2013, 42, 45-51.	1.8	4
98	Phase relations, crystal chemistry, and physical properties of MgZn ₂ -type Laves phases in the Mn-Cu-Si and Mn-Ni-Si systems. <i>Physical Review B</i> , 2013, 88, .	1.1	4
99	Crystal structure refinement of aurichalcite, (Cu, Zn) ₅ (CO ₃) ₂ (OH) ₆ , from the Lavrion Mining District, Greece. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2014, 191, 225-232.	0.1	4
100	Thermal, magnetic and electronic properties of non-centrosymmetric YbPt ₂ B. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 146001.	0.7	4
101	Zincobotryogen, ZnFe ₃₊ (SO ₄) ₂ (OH)·7H ₂ O: validation as a mineral species and new data. <i>Mineralogy and Petrology</i> , 2017, 111, 363-372.	0.4	4
102	Hydrogen bonding in goldichite, KFe(SO ₄) ₂ ·4H ₂ O: structure refinement. <i>Mineralogy and Petrology</i> , 2018, 112, 135-142.	0.4	4
103	Synthesis, characterization, and POM-protein interactions of a Fe-substituted Krebs-type Sandwich-tungstoantimonate. <i>Monatshefte Für Chemie</i> , 2019, 150, 871-875.	0.9	4
104	Voudourisite, Cd(SO ₄) ₄ ·H ₂ O, and lazardisite, Cd ₃ (SO ₄) ₄ ·3H ₂ O, two new minerals from the Lavrion Mining District, Greece. <i>Mineralogical Magazine</i> , 2019, 83, 551-559.	0.6	4
105	On the constitution and thermodynamic modeling of the phase diagrams Nb-Mn and Ta-Mn. <i>Journal of Alloys and Compounds</i> , 2021, 865, 158715.	2.8	4
106	Sulfite Analogue of Allorite from Sacrofano, Latium, Italy: Crystal Chemistry and Specific Features of Genesis. <i>Geology of Ore Deposits</i> , 2021, 63, 793-804.	0.2	4
107	The system Ce-Zn-Si for <33.3 at.% Ce: phase relations, crystal structures and physical properties. <i>RSC Advances</i> , 2015, 5, 36480-36497.	1.7	3
108	Structure and properties of a novel boride (VO.92Fe0.08) ₂ FeB ₂ with partially ordered U ₃ Si ₂ -type. <i>Journal of Alloys and Compounds</i> , 2018, 746, 638-647.	2.8	3

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109	Contributions to the stereochemistry of zirconium oxysalts part III: syntheses and crystal structures of $M_2+Zr(SO_4)_3$ with $M = Mg, Mn, Co, Ni, Zn$ and Cd , and a note on $(Fe_{3+,2+},Zr)_2(SO_4)_3$ and $Fe_2(SO_4)_3$. Monatshefte für Chemie, 2019, 150, 1877-1892.		3
110	The Ternary Bi-Mn-Sb Phase Diagram and the Crystal Structure of the Ternary \hat{I} Phase $Bi_{0.8}MnSb_{0.2}$. Journal of Phase Equilibria and Diffusion, 2019, 40, 462-481.	0.5	3
111	Multicomponent diffusion in ionic crystals: theoretical model and application to combined tracer- and interdiffusion in alkali feldspar. Physics and Chemistry of Minerals, 2020, 47, 35.	0.3	3
112	Nioboheftetjernite, $ScNbO_4$, a new mineral from the Befanamo Pegmatite, Madagascar. Canadian Mineralogist, 2021, 59, 445-452.	0.3	3
113	Synthesis of Tumor-Inhibiting Complex Salts Containing the Anion trans-Tetrachlorobis(indazole)ruthenate(III) and Crystal Structure of the Tetraphenylphosphonium Salt. European Journal of Inorganic Chemistry, 1999, 1999, 1551-1555.	1.0	3
114	Contributions to the stereochemistry of zirconium oxysalts part IV: syntheses and crystal structures of $Zr_2(OH)_2(XO_4)_3 \cdot 4H_2O$ ($X = S, Se$), $Zr(SO_4)_2 \cdot 4H_2O$, and $Zr(SeO_3)_2$. Monatshefte für Chemie, 2022, 153, 139-151.		3
115	Complex transport and magnetism of the ternary boride $YbPt_{11}B_3$. Physical Review B, 2022, 105, ...	1.1	3
116	$BaAl_4$ derivative phases in the sections $\{La,Ce\}Ni_2Si_2 - \{La,Ce\}Zn_2Si_2$: phase relations, crystal structures and physical properties. Dalton Transactions, 2016, 45, 5262-5273.	1.6	2
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