

Gerald Giester

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#	Paper	IF	Citations
125	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	2.3	59
124	The structures of some rare earth basic nitrates $[Ln_6(\beta-O)(\beta-OH)_8(H_2O)_{12}(NO_3)_6](NO_3)_2 \cdot xH_2O$, Ln = Y, Gd, Yb, x(Y, Yb) = 4; x(Gd) = 5. A novel rare earth metal cluster of the M6X8 type with interstitial O atom. <i>Journal of Alloys and Compounds</i> , 1994 , 205, 235-242	5.7	54
123	The crystal structure of nesquehonite, $MgCO_3 \cdot 3H_2O$, from Lavrion, Greece. <i>Mineralogy and Petrology</i> , 2000 , 70, 153-163	1.6	52
122	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	5.7	50
121	Synthesis of Tumor-Inhibiting Complex Salts Containing the Anion trans-Tetrachlorobis(indazole)ruthenate(III) and Crystal Structure of the Tetraphenylphosphonium Salt. <i>European Journal of Inorganic Chemistry</i> , 1999 , 1999, 1551-1555	2.3	50
120	Crystal structure refinements of synthetic chalcocyanite (CuSO ₄) and zincosite (ZnSO ₄). <i>Mineralogy and Petrology</i> , 1988 , 39, 201-209	1.6	43
119	On the constitution and thermodynamic modelling of the system Ti-Ni-Bn. <i>RSC Advances</i> , 2015 , 5, 92270-92291	3.7	37
118	In y Co ₄ Sb ₁₂ Skutterudite: Phase Equilibria and Crystal Structure. <i>Journal of Electronic Materials</i> , 2013 , 42, 2940-2952	1.9	37
117	Superconductivity and spin fluctuations in {Th,U}Pt ₄ Ge ₁₂ skutterudites. <i>Physical Review B</i> , 2008 , 78,	3.3	35
116	Structure and Physical Properties of Clathrate I Systems Ba ₈ PdxSi _{46-x} and Ba ₈ PtxSi _{46-x} . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 54-60	1.5	31
115	Ba-Cu-Si Clathrates: Phase Equilibria and Crystal Chemistry. <i>Journal of Electronic Materials</i> , 2010 , 39, 1634-1639	1.9	28
114	Novel glucose-ferrocenyl derivatives: synthesis and properties. <i>New Journal of Chemistry</i> , 2002 , 26, 671-673	6.73	28
113	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	2.2	25
112	Nitrogen-Rich Compounds of the Lanthanoids: Highlights and Summary. <i>Helvetica Chimica Acta</i> , 2010 , 93, 183-202	2	23
111	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	3.6	22
110	Crystal Structure of W ₁₂ 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	1	21
109	Phase Equilibria, Crystal Chemistry and Physical Properties of Au-Ba-Ge Clathrates. <i>Journal of Phase Equilibria and Diffusion</i> , 2011 , 32, 115-127	1	21

108	Syntheses and crystal structures of rare earth basic nitrates hydrates: Part III. $[Ln_6(BD)(BDH)_8(H_2O)_{12}(DNO_3)_6](NO_3)_2 \cdot xH_2O$, Ln = Y, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu; x = 3, 4, 5, 6. <i>Journal of Alloys and Compounds</i> , 2009 , 481, 116-128	5.7	20
107	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	2.9	19
106	Nitrogen-Rich Compounds of the Lanthanoids: The 5,5'-Azobis[1H-tetrazol-1-ides] of some Yttric Earths (Tb, Dy, Ho, Er, Tm, Yb, and Lu). <i>Helvetica Chimica Acta</i> , 2009 , 92, 1371-1384	2	19
105	Nitrogen-Rich Compounds of the Lanthanoids: The 5,5'-Azobis[1H-tetrazol-1-ides] of the Light Rare Earths (Ce, Pr, Nd, Sm, Eu, Gd). <i>Helvetica Chimica Acta</i> , 2009 , 92, 2038-2051	2	19
104	The crystal structures of $CuSO_4 \cdot H_2O$ and $CuSeO_4 \cdot H_2O$, and their relationships to kieserite. <i>Mineralogy and Petrology</i> , 1988 , 38, 277-284	1.6	19
103	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	2.3	18
102	The crystal structures of lavendulan, sampleite, and a new polymorph of sampleite. <i>European Journal of Mineralogy</i> , 2007 , 19, 75-93	2.2	18
101	On the constitution and thermodynamic modelling of the system Zr-Ni-Sn. <i>Journal of Alloys and Compounds</i> , 2018 , 742, 1058-1082	5.7	17
100	Suppression of vacancies boosts thermoelectric performance in type-I clathrates. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 1727-1735	13	17
99	Crystal structures and constitution of the binary system iridium-boron. <i>Science China Materials</i> , 2015 , 58, 649-668	7.1	16
98	Superconductivity and Magnetism in MPt_4Ge_{12} , M = Ca, Ba, Sr, Eu. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 121-127	1.5	16
97	Syntheses and crystal structures of $Pb(SeO_3)_2$ and two modifications of $Sn(SeO_3)_2$. <i>Journal of Alloys and Compounds</i> , 2006 , 419, 45-49	5.7	15
96	Hydrothermal synthesis and crystal structure of $Mn(SeO_3)_2$. <i>Journal of Solid State Chemistry</i> , 1991 , 91, 370-374	3.3	15
95	The crystal structure of $Fe(SeO_2OH)(SeO_4) \cdot H_2O$. <i>Monatshefte für Chemie</i> , 1992 , 123, 957-963	1.4	15
94	Darrellhenryite, $Na(LiAl_2)Al_6(BO_3)_3Si_6O_{18}(OH)_3O$, a new mineral from the tourmaline supergroup. <i>American Mineralogist</i> , 2013 , 98, 1886-1892	2.9	13
93	Single-Crystal Investigations on Quaternary Clathrates $Ba_8Cu_5Si_xGe_{41-x}$ (x = 6, 18, 41). <i>Journal of Electronic Materials</i> , 2011 , 40, 589-596	1.9	13
92	1,1PBis(oxazolin-2-yl)ferrocenes: An Investigation of Their Complexation Behavior toward $[Pd(\eta\text{-allyl})Cl]_2$. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 1589-1600	2.3	13
91	The crystal structures of $Ag^+Cu_2(OH)(SO_4)_2 \cdot H_2O$ and $Me^+Cu_2(OH)(SeO_4)_2 \cdot H_2O$ [Me ⁺ = Ag, Tl, NH ₄], four new representatives of the natrochalcite type, with a note on natural natrochalcite. <i>Zeitschrift für Kristallographie</i> , 1989 , 187, 239-247		13

90	Crystal chemistry of elpidite from Khan Bogdo (Mongolia) and its K- and Rb-exchanged forms. <i>Crystallography Reports</i> , 2011 , 56, 832-841	0.6	12
89	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	5.7	12
88	Sm(OH) ₂ NO ₃ : Synthesis, characterization, powder diffraction data, and structure refinement by the Rietveld technique. <i>Powder Diffraction</i> , 1994 , 9, 115-118	1.8	12
87	Crystal structure of Li ₂ Cu ₃ (SeO ₃) ₂ (SeO ₄) ₂ . <i>Monatshefte Für Chemie</i> , 1989 , 120, 661-666	1.4	12
86	The Ti-Mn system revisited: experimental investigation and thermodynamic modelling. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 23326-39	3.6	12
85	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	2.3	11
84	A contribution to the crystal chemistry of the voltaite group: solid solutions, Mössbauer and infrared spectra, and anomalous anisotropy. <i>Mineralogy and Petrology</i> , 2013 , 107, 221-233	1.6	11
83	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	1.3	11
82	Mereiterite, K ₂ Fe[SO ₄] ₂ ·4H ₂ O, a new leonite-type mineral from the Lavrion Mining District, Greece. <i>European Journal of Mineralogy</i> , 1995 , 7, 559-566	2.2	11
81	Effect of Solvent on the Structural Diversity of Quasi-Aromatic Möbius Cadmium(II) Complexes Fabricated from the Bulky N ₆ Tetradentate Helical Ligand. <i>Crystal Growth and Design</i> , 2019 , 19, 1649-1659	3.5	10
80	The Crystal Structure of Ni ₂₁ Sn ₂ P ₆ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009 , 635, 301-306	3.6	10
79	Synthetic B-rich olenite: Correlations of single-crystal structural data. <i>American Mineralogist</i> , 2012 , 97, 1591-1597	2.9	10
78	Niedermayrite, Cu ₄ Cd(SO ₄) ₂ (OH) ₆ · 4H ₂ O, a new mineral from the Lavrion Mining District, Greece. <i>Mineralogy and Petrology</i> , 1998 , 63, 19-34	1.6	10
77	Ba-filled Ni-Sb-Sn based skutterudites with anomalously high lattice thermal conductivity. <i>Dalton Transactions</i> , 2016 , 45, 11071-100	4.3	10
76	STRUCTURAL AND CHEMICAL INVESTIGATION OF A ZONED SYNTHETIC Cu-RICH TOURMALINE. <i>Canadian Mineralogist</i> , 2015 , 53, 209-220	0.7	9
75	Cu- and Mn-bearing tourmalines from Brazil and Mozambique: crystal structures, chemistry and correlations. <i>Mineralogy and Petrology</i> , 2013 , 107, 265-279	1.6	9
74	Synthesis and crystal structure of monoclinic Fe ₂ (SeO ₄) ₃ . <i>Monatshefte Für Chemie</i> , 1991 , 122, 617-623	1.4	9
73	Structural Diversity in Manganese(II) Complexes with Multidentate N-Donor Imino Pyridyl Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 1176-1181	1.3	8

72	Structural and physical properties diversity of new CaCu ₅ -type related europium platinum borides. <i>Inorganic Chemistry</i> , 2013 , 52, 4185-97	5.1	8
71	Crystal structures of K-and Cs-exchanged forms of zorite. <i>Crystallography Reports</i> , 2005 , 50, 367-373	0.6	8
70	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		8
69	Triapine Derivatives Act as Copper Delivery Vehicles to Induce Deadly Metal Overload in Cancer Cells. <i>Biomolecules</i> , 2020 , 10,	5.9	8
68	Alkali sulfates with a phthalite-like structures from fumaroles of the Tolbachik Volcano, Kamchatka, Russia. I. Metathardite, a natural high-temperature modification of Na ₂ SO ₄ . <i>Canadian Mineralogist</i> , 2019 , 57, 885-901	0.7	8
67	Diffusion-controlled crack propagation in alkali feldspar. <i>Physics and Chemistry of Minerals</i> , 2019 , 46, 15-26	1.6	8
66	Pt-B System Revisited: Pt ₂ B, a New Structure Type of Binary Borides. Ternary WA12-Type Derivative Borides. <i>Inorganic Chemistry</i> , 2015 , 54, 10958-65	5.1	7
65	An unusually water-poor 5,5'-azobistetrazolate of dysprosium: stabilization of a nitrogen-rich heterocycle by a minimum of hydrogen bonds. <i>New Journal of Chemistry</i> , 2013 , 37, 3840	3.6	7
64	Phase equilibria and crystal structures in the system Ce ₂ Nb. <i>Intermetallics</i> , 2013 , 36, 118-126	3.5	7
63	Carboxylation of 2-Hydroxyethyl-Substituted Tetrachloro(ethane-1,2-diamine)platinum(IV) Complexes: A New Synthetic Approach to Anticancer Platinum Compounds. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 417-421	2.3	7
62	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	5.7	7
61	Synthesis of the first Zn-hexagon sandwich-tungstoantimonate via rearrangement of a non-lacunary Krebs-type polyoxotungstate. <i>Dalton Transactions</i> , 2018 , 47, 15651-15655	4.3	7
60	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	1.3	6
59	Structural and photoluminescence properties of doped and REE-endmember mixed-framework rare-earth sorosilicates. <i>Journal of Luminescence</i> , 2015 , 168, 207-217	3.8	6
58	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	3.3	6
57	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	1	6
56	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 = Mg, Cu) with a short review on iron(III) selenites. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2006 , 221, 722-731	1	6
55	Cation-Directed Synthetic Strategy Using 4f Tungstoantimonates as Nonlacunary Precursors for the Generation of 3d-4f Clusters. <i>Inorganic Chemistry</i> , 2020 , 59, 8461-8467	5.1	6

54	Halogenated Alkyltetrazoles for the Rational Design of Fe Spin-Crossover Materials: Fine-Tuning of the Ligand Size. <i>Chemistry - A European Journal</i> , 2018 , 24, 5271-5280	4.8	6
53	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	1	5
52	Azobis[tetrazolide]-Carbonates of the Lanthanides [Breaking the Gadolinium Break. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1969-1975	2.3	5
51	T-induced displacive phase transition of end-member Pb-lawsonite. <i>Mineralogical Magazine</i> , 2016 , 80, 249-267	1.7	5
50	The Systems Tantalum (Niobium)-Cobalt-Boron. <i>Journal of Phase Equilibria and Diffusion</i> , 2014 , 35, 43-85		5
49	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	1.6	5
48	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	16.4	5
47	Flux Synthesis and Structural and Spectroscopic Characterization of a Cobalt Europium Trisilicate. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 3405-3411	2.3	5
46	Synthesis and structural peculiarities of gallium Complexes with novel paullone derivatives. <i>Open Chemistry</i> , 2008 , 6, 340-346	1.6	5
45	Crystal structure of Pb-exchanged form of zorite. <i>Crystallography Reports</i> , 2006 , 51, 379-382	0.6	5
44	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	3.5	4
43	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	0.7	4
42	Enantiomerically Pure Poly(oxymethylene) Helices: Correlating Helicity with Centrochirality. <i>Helvetica Chimica Acta</i> , 2008 , 91, 581-597	2	4
41	Phosphate-Templated Encapsulation of a {Co O} Cubane in Germanotungstates as Carbon-Free Homogeneous Water Oxidation Photocatalysts. <i>ChemSusChem</i> , 2021 , 14, 2529-2536	8.3	4
40	Yb _{9+x} CuMg _{4-x} (x = 0.034): A BPhase Formed by Lanthanoids. <i>Inorganic Chemistry</i> , 2016 , 55, 8174-83	5.1	4
39	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	1.4	4
38	Synthesis, characterization, and POM-protein interactions of a Fe-substituted Krebs-type Sandwich-tungstoantimonate. <i>Monatshefte Für Chemie</i> , 2019 , 150, 871-875	1.4	3
37	Crystal structure of sideronatriite-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	2.2	3

36	The system Ce ₂ Nb for . <i>RSC Advances</i> , 2015 , 5, 36480-36497	3-7	3
35	Structure and properties of a novel boride (V _{0.92} Fe _{0.08}) ₂ FeB ₂ with partially ordered U ₃ Si ₂ -type. <i>Journal of Alloys and Compounds</i> , 2018 , 746, 638-647	5-7	3
34	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	2-2	3
33	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 ·4H ₂ O. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2016 , 231, 47-53	1	3
32	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	1-6	3
31	Contributions to the stereochemistry of zirconium oxysalts Part II: syntheses and crystal structures of Zr(SO ₄)(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	1-4	3
30	Voudourisite, Cd(SO ₄)·H ₂ O, and lazarisite, Cd ₃ (SO ₄) ₃ ·3H ₂ O, two new minerals from the Lavrion Mining District, Greece. <i>Mineralogical Magazine</i> , 2019 , 83, 551-559	1-7	3
29	Synthesis of Tumor-Inhibiting Complex Salts Containing the Anion trans-Tetrachlorobis(indazole)ruthenate(III) and Crystal Structure of the Tetraphenylphosphonium Salt 1999 , 1999, 1551		3
28	The Ternary Bi-Mn-Sb Phase Diagram and the Crystal Structure of the Ternary I Phase Bi _{0.8} MnSb _{0.2} . <i>Journal of Phase Equilibria and Diffusion</i> , 2019 , 40, 462-481	1	2
27	Stergiouite, CaZn ₂ (AsO ₄) ₂ · 4H ₂ O is a new mineral from the Lavrion Mining District, Greece. <i>Mineralogy and Petrology</i> , 2020 , 114, 319-327	1-6	2
26	Hydrogen bonding in goldichite, KFe(SO ₄) ₂ ·4H ₂ O: structure refinement. <i>Mineralogy and Petrology</i> , 2018 , 112, 135-142	1-6	2
25	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	1	2
24	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,	3-3	2
23	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	0-6	2
22	Multicomponent diffusion in ionic crystals: theoretical model and application to combined tracer- and interdiffusion in alkali feldspar. <i>Physics and Chemistry of Minerals</i> , 2020 , 47, 35	1-6	2
21	Synthesis and characterization of the Anderson-Evans tungstoantimonate [Na(HO){(HOCH)CHNH}][SbWO]. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2021 , 77, 420-425 ^{0.8}		2
20	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 . <i>Monatshefte Für Chemie</i> , 2019 , 150, 1877-1892	1-4	1
19	Structure refinement and hydrogen bonding of ferrinatriite, Na ₃ Fe(SO ₄) ₃ ·3H ₂ O. <i>Mineralogy and Petrology</i> , 2019 , 113, 555-562	1-6	1

18	Structural Incorporation of As ⁵⁺ into Phosphosiderite by a Strengite/Scorodite-like Arrangement. <i>ChemistrySelect</i> , 2016 , 1, 4152-4160	1.8	1
17	Contributions to the stereochemistry of zirconium oxysalts—Part IV: syntheses and crystal structures of Zr ₂ (OH) ₂ (XO ₄) ₃ ·4H ₂ O (X = S, Se), Zr(SO ₄) ₂ ·4H ₂ O, and Zr(SeO ₃) ₂ . <i>Monatshefte Für Chemie</i> , 2022 , 153, 139	1.4	1
16	Nioboheftetjernite, ScNbO ₄ , a new mineral from the Befanamo Pegmatite, Madagascar. <i>Canadian Mineralogist</i> , 2021 , 59, 445-452	0.7	1
15	Magnesiobombomite-6Ni ₂ S, Mg ₅ Al ₁₁ TiO ₂₃ (OH), a new hōbomite-group mineral from the DeWitts Corners, Ontario, Canada. <i>Mineralogical Magazine</i> , 2021 , 85, 398-405	1.7	1
14	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	5.7	1
13	BaAl ₄ derivative phases in the sections {La,Ce}Ni ₂ Si ₂ -{La,Ce}Zn ₂ Si ₂ : phase relations, crystal structures and physical properties. <i>Dalton Transactions</i> , 2016 , 45, 5262-73	4.3	1
12	Thermoacidophilic Bioleaching of Industrial Metallic Steel Waste Product.. <i>Frontiers in Microbiology</i> , 2022 , 13, 864411	5.7	1
11	Thermal, magnetic and electronic properties of non-centrosymmetric YbPtB. <i>Journal of Physics Condensed Matter</i> , 2015 , 27, 146001	1.8	0
10	Controlling Complexation Behavior of Early Lanthanides via the Subtle Interplay of their Lewis Acidity with the Chemical Stability of 5,5P(Azobis)tetrazolide. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020 , 646, 1882-1885	1.3	0
9	Synthesis and Crystal Structure of Mn ₃ Fe ₂ (SeO ₃) ₆ . <i>Bulletin of the Chemical Society of Japan</i> , 2020 , 93, 708-712	5.1	0
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