

Gerald Giester

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

125
papers

1,387
citations

19
h-index

29
g-index

139
ext. papers

1,595
ext. citations

2.7
avg, IF

4.31
L-index

#	Paper	IF	Citations
125	Crystal structure of hexa-sodium tetra-serinolum paratungstate B deca-hydrate, [Na{(CHOH)CHNH ₂ }] ₄ [WO(OH)] ₄ 10H ₂ O. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022 , 78, 207-210	0.7	0
124	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
123	Thermoacidophilic Bioleaching of Industrial Metallic Steel Waste Product.. <i>Frontiers in Microbiology</i> , 2022 , 13, 864411	5.7	1
122	Physical properties of {Ti,Zr,Hf}NiSn compounds.. <i>Dalton Transactions</i> , 2021 , 51, 361-374	4.3	0
121	Nioboheftetjernite, ScNbO ₄ , a new mineral from the Befanamo Pegmatite, Madagascar. <i>Canadian Mineralogist</i> , 2021 , 59, 445-452	0.7	1
120	Magnesiobombomite-6N12S, 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
119	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
118	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
117	Synthesis and characterization of the Anderson-Evans tungstoantimonate [Na(HO){(HOCH)CHNH ₂ }] ₄ [SbWO ₆]. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2021 , 77, 420-425 ^{0.8}	0.8	2
116	Sulfite Analogue of Alloriite from Sacrofano, Latium, Italy: Crystal Chemistry and Specific Features of Genesis. <i>Geology of Ore Deposits</i> , 2021 , 63, 793-804	0.7	0
115	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
114	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
113	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
112	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
111	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
110	Triapine Derivatives Act as Copper Delivery Vehicles to Induce Deadly Metal Overload in Cancer Cells. <i>Biomolecules</i> , 2020 , 10,	5.9	8
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 . <i>Monatshefte Für Chemie</i> , 2019 , 150, 1877-1892	1.4	1

108	Effect of Solvent on the Structural Diversity of Quasi-Aromatic Möbius Cadmium(II) Complexes Fabricated from the Bulky N6 Tetradentate Helical Ligand. <i>Crystal Growth and Design</i> , 2019 , 19, 1649-1659	3.5	10
107	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
106	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
105	The Ternary Bi-Mn-Sb Phase Diagram and the Crystal Structure of the Ternary β Phase Bi _{0.8} MnSb _{0.2} . <i>Journal of Phase Equilibria and Diffusion</i> , 2019 , 40, 462-481	1	2
104	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	1.4	3
103	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 . <i>Canadian Mineralogist</i> , 2019 , 57, 885-901	0.7	8
102	Voudourisite, Cd(SO ₄)·H ₂ O, and lazaridisite, 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
101	Diffusion-controlled crack propagation in alkali feldspar. <i>Physics and Chemistry of Minerals</i> , 2019 , 46, 15-26	1.6	8
100	Azobis[tetrazolide]-Carbonates of the Lanthanides Breaking the Gadolinium Break. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1969-1975	2.3	5
99	Azobis[tetrazolide]-Carbonates of the Lanthanides Breaking the Gadolinium Break. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1954-1954	2.3	
98	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
97	Suppression of vacancies boosts thermoelectric performance in type-I clathrates. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 1727-1735	1.3	17
96	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
95	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
94	Structure and properties of a novel boride: ThNiB. <i>Dalton Transactions</i> , 2018 , 47, 12933-12943	4.3	
93	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
92	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
91	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

90	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
89	Zincobotryogen, $ZnFe_3+(SO_4)_2(OH)_7H_2O$: validation as a mineral species and new data. <i>Mineralogy and Petrology</i> , 2017 , 111, 363-372	1.6	3
88	Structural Incorporation of As^{5+} into Phosphosiderite by a Strengite/Scorodite-like Arrangement. <i>ChemistrySelect</i> , 2016 , 1, 4152-4160	1.8	1
87	T-induced displacive phase transition of end-member Pb-lawsonite. <i>Mineralogical Magazine</i> , 2016 , 80, 249-267	1.7	5
86	Hydrogen-bonding system in amarillite, $NaFe(SO_4)_2(H_2O)_6$: the structure refinement. <i>European Journal of Mineralogy</i> , 2016 , 28, 953-958	2.2	3
85	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
84	The crystal structure of the natural 1,2,4-triazolate compound $NaCu_2Cl_3[N_3C_2H_2]_2[NH_3]_2 \cdot 4H_2O$. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2016 , 231, 47-53	1	3
83	Ba-filled Ni-Sb-Sn based skutterudites with anomalously high lattice thermal conductivity. <i>Dalton Transactions</i> , 2016 , 45, 11071-100	4.3	10
82	$BaAl_4$ derivative phases in the sections $\{La,Ce\}Ni_2Si_2-\{La,Ce\}Zn_2Si_2$: phase relations, crystal structures and physical properties. <i>Dalton Transactions</i> , 2016 , 45, 5262-73	4.3	1
81	$Yb_{9+x}CuMg_{4-x}$ ($x = 0.034$): A β -Phase Formed by Lanthanoids. <i>Inorganic Chemistry</i> , 2016 , 55, 8174-83	5.1	4
80	The Ti-Mn system revisited: experimental investigation and thermodynamic modelling. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 23326-39	3.6	12
79	Crystal structure of sideronatrite-2M, $Na_2Fe(SO_4)_2(OH)(H_2O)_3$, a new polytype from Xitieshan lead-zinc deposit, Qinghai Province, China. <i>European Journal of Mineralogy</i> , 2015 , 27, 427-432	2.2	3
78	Two Structure Types Based on Si_6O_{15} Rings: Synthesis and Structural and Spectroscopic Characterisation of $Cs_{1.86}K_{1.14}DySi_6O_{15}$ and $Cs_{1.6}K_{1.4}SmSi_6O_{15}$. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2426-2436	2.3	11
77	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
76	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
75	Pt-B System Revisited: Pt_2B , a New Structure Type of Binary Borides. Ternary WAl_{12} -Type Derivative Borides. <i>Inorganic Chemistry</i> , 2015 , 54, 10958-65	5.1	7
74	Thermal, magnetic and electronic properties of non-centrosymmetric $YbPtB$. <i>Journal of Physics Condensed Matter</i> , 2015 , 27, 146001	1.8	0
73	STRUCTURAL AND CHEMICAL INVESTIGATION OF A ZONED SYNTHETIC Cu-RICH TOURMALINE. <i>Canadian Mineralogist</i> , 2015 , 53, 209-220	0.7	9

72	Crystal structures and constitution of the binary system iridium-boron. <i>Science China Materials</i> , 2015 , 58, 649-668	7.1	16
71	On the constitution and thermodynamic modelling of the system Ti-Ni-Bn. <i>RSC Advances</i> , 2015 , 5, 92270-92291	3.7	37
70	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
69	The system Ce-Zn-Bi for . <i>RSC Advances</i> , 2015 , 5, 36480-36497	3.7	3
68	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
67	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
66	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
65	The Systems Tantalum (Niobium)-Cobalt-Boron. <i>Journal of Phase Equilibria and Diffusion</i> , 2014 , 35, 43-85	1	5
64	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
63	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
62	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
61	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	2.9	13
60	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
59	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
58	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
57	Synthesis and structure of mononuclear Cu(II) complexes containing bis(1-methylimidazol-2-yl)ketone ligands. <i>Inorganica Chimica Acta</i> , 2013 , 406, 184-189	2.7	
56	Phase equilibria and crystal structures in the system Ce-Zn-Bi. <i>Intermetallics</i> , 2013 , 36, 118-126	3.5	7
55	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

54	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
53	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
52	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
51	Synthetic B-rich olenite: Correlations of single-crystal structural data. <i>American Mineralogist</i> , 2012 , 97, 1591-1597	2.9	10
50	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
49	Single-Crystal Investigations on Quaternary Clathrates Ba ₈ Cu ₅ Si _x Ge _{41-x} (x = 6, 18, 41). <i>Journal of Electronic Materials</i> , 2011 , 40, 589-596	1.9	13
48	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
47	Ba-Cu-Si Clathrates: Phase Equilibria and Crystal Chemistry. <i>Journal of Electronic Materials</i> , 2010 , 39, 1634-1639	1.9	28
46	Nitrogen-Rich Compounds of the Lanthanoids: Highlights and Summary. <i>Helvetica Chimica Acta</i> , 2010 , 93, 183-202	2	23
45	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
44	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
43	The Crystal Structure of Ni ₂₁ Sn ₂ P ₆ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009 , 635, 301-306	3.0	10
42	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
41	Syntheses and crystal structures of rare earth basic nitrates hydrates: Part III. [Ln ₆ (BOH) ₈ (H ₂ O) ₁₂ (NO ₃) ₆](NO ₃) _{2x} · xH ₂ O, 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
40	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
39	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
38	Structure and Physical Properties of Clathrate I Systems Ba ₈ P _x Si _{46-x} and Ba ₈ P _x Si _{46-x} . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 54-60	1.5	31
37	Superconductivity and spin fluctuations in {Th,U}Pt ₄ Ge ₁₂ skutterudites. <i>Physical Review B</i> , 2008 , 78,	3.3	35

36	Superconductivity and Magnetism in $\text{MPt}_4\text{Ge}_{12}$, $M = \text{Ca, Ba, Sr, Eu}$. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 121-127	1.5	16
35	Enantiomerically Pure Poly(oxymethylene) Helices: Correlating Helicity with Centrochirality. <i>Helvetica Chimica Acta</i> , 2008 , 91, 581-597	2	4
34	Synthesis and structural peculiarities of gallium Complexes with novel paullone derivatives. <i>Open Chemistry</i> , 2008 , 6, 340-346	1.6	5
33	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
32	Crystal structures of the new isotypic compounds $\text{Rb}_4(\text{M}^{2+})(\text{Fe}^{3+})_8[\text{SeO}_3]_{14}[\text{SeO}_2(\text{OH})]_2 \cdot 2 \text{H}_2\text{O}$ ($M = \text{Mg, Cu}$) with a short review on iron(III) selenites. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2006 , 221, 722-731	1	6
31	Syntheses and crystal structures of $\text{Pb}(\text{SeO}_3)_2$ and two modifications of $\text{Sn}(\text{SeO}_3)_2$. <i>Journal of Alloys and Compounds</i> , 2006 , 419, 45-49	5.7	15
30	Crystal structure of Pb-exchanged form of zorite. <i>Crystallography Reports</i> , 2006 , 51, 379-382	0.6	5
29	Crystal structures of K-and Cs-exchanged forms of zorite. <i>Crystallography Reports</i> , 2005 , 50, 367-373	0.6	8
28	1,1PBis(oxazolin-2-yl)ferrocenes: An Investigation of Their Complexation Behavior toward $[\text{Pd}(\text{B-allyl})\text{Cl}]_2$. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 1589-1600	2.3	13
27	Crystal structure of byelorussite-(Ce) $\text{NaMnBa}_2\text{Ce}_2(\text{TiO})_2[\text{Si}_4\text{O}_{12}]_2(\text{F,OH}) \cdot \text{H}_2\text{O}$. <i>Crystallography Reports</i> , 2004 , 49, 964-968	0.6	2
26	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
25	Crystallographic report: Crystal structure of 1-bromo-1'-[(2S)-N-(1-hydroxy-3-methylbutane-2-yl)]-ferroceneamide. <i>Applied Organometallic Chemistry</i> , 2003 , 17, 723-724	3.1	
24	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
23	Novel glucose-ferrocenyl derivatives: synthesis and properties. <i>New Journal of Chemistry</i> , 2002 , 26, 671-673		28
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	3.6	22
21	The crystal structure of nesquehonite, $\text{MgCO}_3 \cdot 3\text{H}_2\text{O}$, from Lavrion, Greece. <i>Mineralogy and Petrology</i> , 2000 , 70, 153-163	1.6	52
20	Syntheses and crystal structures of the new compounds $\text{BaFe}_2(\text{SeO}_3)_4$, $\text{AgFe}(\text{SeO}_3)_2$ and $\text{RbFe}(\text{SeO}_4)(\text{SeO}_3)$. <i>Journal of Alloys and Compounds</i> , 2000 , 308, 71-76	5.7	12
19	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

18	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
17	Niedermayrite, $\text{Cu}_4\text{Cd}(\text{SO}_4)_2(\text{OH})_6 \cdot 4\text{H}_2\text{O}$, a new mineral from the Lavrion Mining District, Greece. <i>Mineralogy and Petrology</i> , 1998 , 63, 19-34	1.6	10
16	Syntheses and crystal structures of some new rare earth basic nitrates II: $[\text{Ln}_6\text{O}(\text{OH})_8(\text{H}_2\text{O})_{12}(\text{NO}_3)_6](\text{NO}_3)_2 \cdot x\text{H}_2\text{O}$, 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
15	Synthesis, Crystal Structure, and IR and Mössbauer Spectroscopy of the Isotypic Series $\text{M}_3\text{Fe}_2(\text{SeO}_3)_6 \cdot 2\text{H}_2\text{O}$ (M=Mg, Co, Ni). <i>Journal of Solid State Chemistry</i> , 1997 , 131, 54-63	3.3	6
14	Synthesis and Crystal Structure of the New Polymorph $\text{Cu}_3\text{Fe}_2(\text{SeO}_3)_6$ -II.. <i>Acta Chemica Scandinavica</i> , 1997 , 51, 501-503		8
13	Crystal structures of the new pseudo-isotypic compounds $\text{NaFe}(\text{SeO}_3)_2$ and $\text{BaCo}(\text{SeO}_3)_2$. <i>Journal of Alloys and Compounds</i> , 1996 , 239, 99-102	5.7	7
12	Syntheses and Crystal Structures of $\text{Ca}_3\text{Fe}_2(\text{SeO}_3)_6$ and $\text{Sr}_3\text{Fe}_2(\text{SeO}_3)_6$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1996 , 622, 1788-1792	1.3	11
11	Mereiterite, $\text{K}_2\text{Fe}[\text{SO}_4]_2 \cdot 4\text{H}_2\text{O}$, a new leonite-type mineral from the Lavrion Mining District, Greece. <i>European Journal of Mineralogy</i> , 1995 , 7, 559-566	2.2	11
10	The structures of some rare earth basic nitrates $[\text{Ln}_6(\beta\text{-O})(\beta\text{-OH})_8(\text{H}_2\text{O})_{12}(\text{NO}_3)_6](\text{NO}_3)_2 \cdot x\text{H}_2\text{O}$, 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
9	$\text{Sm}(\text{OH})_2\text{NO}_3$: Synthesis, characterization, powder diffraction data, and structure refinement by the Rietveld technique. <i>Powder Diffraction</i> , 1994 , 9, 115-118	1.8	12
8	The crystal structure of $\text{Fe}(\text{SeO}_2\text{OH})(\text{SeO}_4) \cdot \text{H}_2\text{O}$. <i>Monatshefte Für Chemie</i> , 1992 , 123, 957-963	1.4	15
7	Hydrothermal synthesis and crystal structure of $\text{Mn}(\text{SeO}_3)_2$. <i>Journal of Solid State Chemistry</i> , 1991 , 91, 370-374	3.3	15
6	Synthesis and crystal structure of monoclinic $\text{Fe}_2(\text{SeO}_4)_3$. <i>Monatshefte Für Chemie</i> , 1991 , 122, 617-623	1.4	9
5	Crystal structure of $\text{Li}_2\text{Cu}_3(\text{SeO}_3)_2(\text{SeO}_4)_2$. <i>Monatshefte Für Chemie</i> , 1989 , 120, 661-666	1.4	12
4	The crystal structures of $\text{Ag}^+\text{Cu}_2(\text{OH})(\text{SO}_4)_2 \cdot \text{H}_2\text{O}$ and $\text{Me}^+\text{Cu}_2(\text{OH})(\text{SeO}_4)_2 \cdot \text{H}_2\text{O}$ [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
3	Crystal structure refinements of synthetic chalcocyanite (CuSO_4) and zincosite (ZnSO_4). <i>Mineralogy and Petrology</i> , 1988 , 39, 201-209	1.6	43
2	The crystal structures of $\text{CuSO}_4 \cdot \text{H}_2\text{O}$ and $\text{CuSeO}_4 \cdot \text{H}_2\text{O}$, and their relationships to kieselrite. <i>Mineralogy and Petrology</i> , 1988 , 38, 277-284	1.6	19
1	Goldhillite, $\text{Cu}_5\text{Zn}(\text{AsO}_4)_2(\text{OH})_6 \cdot 2\text{H}_2\text{O}$, a new mineral species, and redefinition of philipsburgite, $\text{Cu}_5\text{Zn}[(\text{AsO}_4)(\text{PO}_4)](\text{OH})_6 \cdot 2\text{H}_2\text{O}$, as an As-P ordered species. <i>Mineralogical Magazine</i> , 1-29	1.7	0

