

# 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	Alumino-oxo-rossmanite from pegmatites in Variscan metamorphic rocks from Eibenstein an der Thaya, Lower Austria, Austria: A new tourmaline that represents the most Al-rich end-member composition. <i>American Mineralogist</i> , 2022, 107, 157-166.	0.9	2
2	Crystal structure of hexasodium tetraserinolium paratungstate B decahydrate, $[\text{Na}_6\{(\text{CH}_2\text{OH})_2\text{CHNH}_3\}_4]_{12}\text{O}_{40}(\text{OH})_2$ . <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022, 78, 207-210.	0.2	1
3	Contributions to the stereochemistry of zirconium oxysalts" part IV: syntheses and crystal structures of $\text{Zr}_2(\text{OH})_2(\text{XO}_4)_3 \cdot 4\text{H}_2\text{O}$ (X = S, Se), $\text{Zr}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$ , and $\text{Zr}(\text{SeO}_3)_2$ . <i>Monatshefte für Chemie</i> , 2022, 153, 139-151.	1.4	3
4	Thermoacidophilic Bioleaching of Industrial Metallic Steel Waste Product. <i>Frontiers in Microbiology</i> , 2022, 13, 864411.	1.5	8
5	Complex transport and magnetism of the ternary boride $\text{YbPt}_5\text{B}$ . <i>Physical Review B</i> , 2022, 105, .	1.1	3
6	Nioboheftetjernite, $\text{ScNbO}_4$ , a new mineral from the Befanamo Pegmatite, Madagascar. <i>Canadian Mineralogist</i> , 2021, 59, 445-452.	0.3	3
7	Magnesiobombomite-6N12S, $\text{Mg}_5\text{Al}_{11}\text{TiO}_{23}(\text{OH})$ , a new hombomite-group mineral from the DeWitts Corners, Ontario, Canada. <i>Mineralogical Magazine</i> , 2021, 85, 398-405.	0.6	1
8	Phosphate-Templated Encapsulation of a $\{\text{Co}_{11}\text{O}_4\}$ Cubane in Germanotungstates as Carbon-Free Homogeneous Water Oxidation Photocatalysts. <i>ChemSusChem</i> , 2021, 14, 2529-2536.	3.6	10
9	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
10	Synthesis and characterization of the Anderson-Evans tungstoantimonate $[\text{Na}_5(\text{H}_2\text{O})_{18}\{(\text{HOCH}_2)_2\text{CHNH}_3\}_2]_2[\text{SbW}_8\text{O}_{40}]$ . <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2021, 77, 420-425.	0.2	1
11	Physical properties of $\{\text{Ti,Zr,Hf}\}_2\text{Ni}_2\text{Sn}$ compounds. <i>Dalton Transactions</i> , 2021, 51, 361-374.	1.6	0
12	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.	0.2	4
13	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.	0.3	3
14	Triapine Derivatives Act as Copper Delivery Vehicles to Induce Deadly Metal Overload in Cancer Cells. <i>Biomolecules</i> , 2020, 10, 1336.	1.8	12
15	Controlling Complexation Behavior of Early Lanthanides via the Subtle Interplay of their Lewis Acidity with the Chemical Stability of 5,5'-Azobis(tetrazolide). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1882-1885.	0.6	1
16	Stergiouite, $\text{CaZn}_2(\text{AsO}_4)_2 \cdot 4\text{H}_2\text{O}$ " a new mineral from the Lavrion Mining District, Greece. <i>Mineralogy and Petrology</i> , 2020, 114, 319-327.	0.4	5
17	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.	1.9	13
18	Synthesis and Crystal Structure of $\text{Mn}_3\text{Fe}_2(\text{SeO}_3)_6$ . <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 708-712.	2.0	1

#	ARTICLE	IF	CITATIONS
19	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 $0.9Fe_2(SO_4)_3$ . Monatshefte für Chemie, 2019, 150, 1877-1892.		3
20	Effect of Solvent on the Structural Diversity of Quasi-Aromatic Möbius Cadmium(II) Complexes Fabricated from the Bulky N6 Tetradentate Helical Ligand. Crystal Growth and Design, 2019, 19, 1649-1659.	1.4	11
21	Synthesis, characterization, and POM-protein interactions of a Fe-substituted Krebs-type Sandwich-tungstoantimonate. Monatshefte für Chemie, 2019, 150, 871-875.	0.9	4
22	Structure refinement and hydrogen bonding of ferrinatriite, $Na_3Fe(SO_4)_3 \cdot 3H_2O$ . Mineralogy and Petrology, 2019, 113, 555-562.	0.4	1
23	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
24	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 $Zr_3(SeO_3)(SeO_4)_5 \cdot 2H_2O$ . Monatshefte für Chemie, 2019, 150, 593-603.	0.9	6
25	Alkali sulfates with apthitalite-like structures from fumaroles of the Tolbachik Volcano, Kamchatka, Russia. I. Metathardite, a natural high-temperature modification of $Na_2SO_4$ . Canadian Mineralogist, 2019, 57, 885-901.	0.3	15
26	Voudourisite, $Cd(SO_4)_4 \cdot H_2O$ , and lazarisite, $Cd_3(SO_4)_4 \cdot 8H_2O$ , two new minerals from the Lavrion Mining District, Greece. Mineralogical Magazine, 2019, 83, 551-559.	0.6	4
27	Diffusion-controlled crack propagation in alkali feldspar. Physics and Chemistry of Minerals, 2019, 46, 15-26.	0.3	13
28	Azobis[tetrazolide]-Carbonates of the Lanthanides “ Breaking the Gadolinium Break. European Journal of Inorganic Chemistry, 2018, 2018, 1969-1975.	1.0	6
29	Azobis[tetrazolide]-Carbonates of the Lanthanides - Breaking the Gadolinium Break. European Journal of Inorganic Chemistry, 2018, 2018, 1954-1954.	1.0	0
30	On the constitution and thermodynamic modelling of the system Zr-Ni-Sn. Journal of Alloys and Compounds, 2018, 742, 1058-1082.	2.8	20
31	Suppression of vacancies boosts thermoelectric performance in type-I clathrates. Journal of Materials Chemistry A, 2018, 6, 1727-1735.	5.2	26
32	Structure and properties of a novel boride $(V_{0.92}Fe_{0.08})_2FeB_2$ with partially ordered $U_3Si_2$ -type. Journal of Alloys and Compounds, 2018, 746, 638-647.	2.8	3
33	Hydrogen bonding in goldichite, $KFe(SO_4)_2 \cdot 4H_2O$ : structure refinement. Mineralogy and Petrology, 2018, 112, 135-142.	0.4	4
34	Synthesis of the first $Zn_6$ -hexagon sandwich-tungstoantimonate via rearrangement of a non-lacunary Krebs-type polyoxotungstate. Dalton Transactions, 2018, 47, 15651-15655.	1.6	8
35	Contributions to the stereochemistry of zirconium oxysalts” part I: syntheses and crystal structures of novel $Zr(SeO_4)_2 \cdot H_2O$ and $Zr(SeO_4)_2 \cdot 4H_2O$ . Monatshefte für Chemie, 2018, 149, 1321-1325.	0.9	6
36	Structure and properties of a novel boride: $ThNi_{12}B_6$ . Dalton Transactions, 2018, 47, 12933-12943.	1.6	1

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37	Halogenated Alkyltetrazoles for the Rational Design of Fe <sup>II</sup> Spin-Crossover Materials: Fine-Tuning of the Ligand Size. <i>Chemistry - A European Journal</i> , 2018, 24, 5271-5280.	1.7	8
38	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
39	Zincobotryogen, ZnFe <sub>3</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH)·7H <sub>2</sub> O: validation as a mineral species and new data. <i>Mineralogy and Petrology</i> , 2017, 111, 363-372.	0.4	4
40	Ba-filled NiSbSn based skutterudites with anomalously high lattice thermal conductivity. <i>Dalton Transactions</i> , 2016, 45, 11071-11100.	1.6	13
41	BaAl <sub>4</sub> derivative phases in the sections {La,Ce}Ni <sub>2</sub> Si <sub>2</sub> –{La,Ce}Zn <sub>2</sub> Si <sub>2</sub> : phase relations, crystal structures and physical properties. <i>Dalton Transactions</i> , 2016, 45, 5262-5273.	1.6	2
42	Yb <sub>9</sub> CuMg <sub>4</sub> (x = 0.034): A $\beta$ -Phase Formed by Lanthanoids. <i>Inorganic Chemistry</i> , 2016, 55, 8174-8183.	1.9	7
43	The Ti–Mn system revisited: experimental investigation and thermodynamic modelling. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23326-23339.	1.3	16
44	Structural Incorporation of As <sup>5+</sup> into Phosphosiderite by a Strengite/Scorodite-like Arrangement. <i>ChemistrySelect</i> , 2016, 1, 4152-4160.	0.7	1
45	T-induced displacive phase transition of end-member Pb-lawsonite. <i>Mineralogical Magazine</i> , 2016, 80, 249-267.	0.6	5
46	Hydrogen-bonding system in amarillite, NaFe(SO <sub>4</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>6</sub> : the structure refinement. <i>European Journal of Mineralogy</i> , 2016, 28, 953-958.	0.4	5
47	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
48	The crystal structure of the natural 1,2,4-triazolate compound NaCu <sub>2</sub> Cl <sub>3</sub> [N <sub>3</sub> C <sub>2</sub> H <sub>2</sub> ] <sub>2</sub> [NH <sub>3</sub> ] <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2016, 231, 47-53.		
49	Syntheses and crystal structures of novel Zr(SeO <sub>3</sub> )(SeO <sub>4</sub> ) and Zr(SeO <sub>4</sub> ) <sub>2</sub> ·H <sub>2</sub> O. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, s356-s356.	0.0	1
50	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.	0.6	9
51	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
52	Crystal structure of sideronatrite-2M, Na <sub>2</sub> Fe(SO <sub>4</sub> ) <sub>2</sub> (OH)(H <sub>2</sub> O) <sub>3</sub> , a new polytype from Xitieshan lead-zinc deposit, Qinghai Province, China. <i>European Journal of Mineralogy</i> , 2015, 27, 427-432.	0.4	7
53	Two Structure Types Based on Si <sub>6</sub> O <sub>15</sub> Rings: Synthesis and Structural and Spectroscopic Characterisation of Cs <sub>1.86</sub> K <sub>1.14</sub> DySi <sub>6</sub> O <sub>15</sub> and Cs <sub>1.6</sub> K <sub>1.4</sub> SmSi <sub>6</sub> O <sub>15</sub> . <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2426-2436.	1.0	12
54	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

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55	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
56	Ptâ€‘B System Revisited: Pt<sub>2</sub>B, a New Structure Type of Binary Borides. Ternary WAl<sub>12</sub>-Type Derivative Borides. <i>Inorganic Chemistry</i> , 2015, 54, 10958-10965.	1.9	12
57	Thermal, magnetic and electronic properties of non-centrosymmetric YbPt<sub>2</sub>B. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 146001.	0.7	4
58	STRUCTURAL AND CHEMICAL INVESTIGATION OF A ZONED SYNTHETIC Cu-RICH TOURMALINE. <i>Canadian Mineralogist</i> , 2015, 53, 209-220.	0.3	14
59	Crystal structures and constitution of the binary system iridium-boron. <i>Science China Materials</i> , 2015, 58, 649-668.	3.5	22
60	On the constitution and thermodynamic modelling of the system Tiâ€‘Niâ€‘Sn. <i>RSC Advances</i> , 2015, 5, 92270-92291.	1.7	43
61	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
62	The system Ceâ€‘Znâ€‘Si for <33.3 at.% Ce: phase relations, crystal structures and physical properties. <i>RSC Advances</i> , 2015, 5, 36480-36497.	1.7	3
63	Crystal structure refinement of aurichalcite, (Cu, Zn) <sub>5</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>6</sub> , from the Lavrion Mining District, Greece. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2014, 191, 225-232.	0.1	4
64	The Systems Tantalum (Niobium)-Cobalt-Boron. <i>Journal of Phase Equilibria and Diffusion</i> , 2014, 35, 43-85.	0.5	6
65	Crystal Structure of W <sub>1-x</sub> B <sub>3</sub> 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
66	In y Co <sub>4</sub> Sb <sub>12</sub> Skutterudite: Phase Equilibria and Crystal Structure. <i>Journal of Electronic Materials</i> , 2013, 42, 2940-2952.	1.0	41
67	An unusually water-poor 5,5â€‘-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
68	Darrellhenryite, Na(LiAl <sub>2</sub> )Al <sub>6</sub> (BO <sub>3</sub> ) <sub>3</sub> Si <sub>6</sub> O <sub>18</sub> (OH) <sub>3</sub> O, a new mineral from the tourmaline supergroup. <i>American Mineralogist</i> , 2013, 98, 1886-1892.	0.9	20
69	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
70	A contribution to the crystal chemistry of the voltaite group: solid solutions, MÃ‘ssbauer and infrared spectra, and anomalous anisotropy. <i>Mineralogy and Petrology</i> , 2013, 107, 221-233.	0.4	16
71	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
72	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.	1.2	0

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73	Phase equilibria and crystal structures in the system Ceâ€Znâ€Si. <i>Intermetallics</i> , 2013, 36, 118-126.	1.8	7
74	Structural and Physical Properties Diversity of New CaCu5-Type Related Europium Platinum Borides. <i>Inorganic Chemistry</i> , 2013, 52, 4185-4197.	1.9	11
75	Crystal structure, and physical properties of the novel compounds EuRh3Ge7 and Eulr3Ge7. <i>Intermetallics</i> , 2013, 42, 45-51.	1.8	4
76	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
77	Phase relations, crystal chemistry, and physical properties of MgZn<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>-type Laves phases in the Mn-Cu-Si and Mn-Ni-Si systems. <i>Physical Review B</i> , 2013, 88,...	1.1	4
78	Synthetic B-rich olenite: Correlations of single-crystal structural data. <i>American Mineralogist</i> , 2012, 97, 1591-1597.	0.9	19
79	Crystal chemistry of elpidite from Khan Bogdo (Mongolia) and its K- and Rb-exchanged forms. <i>Crystallography Reports</i> , 2011, 56, 832-841.	0.1	12
80	Single-Crystal Investigations on Quaternary Clathrates Ba8Cu5Si x Ge41âˆx (x=6, 18, 41). <i>Journal of Electronic Materials</i> , 2011, 40, 589-596.	1.0	15
81	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
82	Ba-Cu-Si Clathrates: Phase Equilibria and Crystal Chemistry. <i>Journal of Electronic Materials</i> , 2010, 39, 1634-1639.	1.0	29
83	Nitrogenâ€Rich Compounds of the Lanthanoids: Highlights and Summary. <i>Helvetica Chimica Acta</i> , 2010, 93, 183-202.	1.0	26
84	Nitrogenâ€Rich Compounds of the Lanthanoids: The 5,5â€Azobis[1<i>H</i>â€tetrazolâ€ides] of some Yttric Earths (Tb, Dy, Ho, Er, Tm, Yb, and Lu). <i>Helvetica Chimica Acta</i> , 2009, 92, 1371-1384.	1.0	20
85	Nitrogenâ€Rich Compounds of the Lanthanoids: The 5,5â€Azobis[1<i>H</i>â€tetrazolâ€ides] of the Light Rare Earths (Ce, Pr, Nd, Sm, Eu, Gd). <i>Helvetica Chimica Acta</i> , 2009, 92, 2038-2051.	1.0	19
86	The Crystal Structure of Ni21Sn2P6. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 301-306.	0.6	11
87	Biachellaite, (Na,Ca,K)8(Si6Al6O24)(SO4)2(OH)0.5 Â· H2O, a new mineral species of the cancrinite group. <i>Geology of Ore Deposits</i> , 2009, 51, 588-594.	0.2	6
88	Syntheses and crystal structures of rare earth basic nitrates hydrates. <i>Journal of Alloys and Compounds</i> , 2009, 481, 116-128.	2.8	24
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	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
92	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
93	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
94	Superconductivity and spin fluctuations in $\{Th,U\}Pt_4Ge_{12}$ skutterudites. <i>Physical Review B</i> , 2008, 78, .	1.1	38
95	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.	0.7	17
96	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
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.	2.8	17
98	Crystal structure of Pb-exchanged form of zorite. <i>Crystallography Reports</i> , 2006, 51, 379-382.	0.1	7
99	Crystal structures of the new isotypic compounds $Rb_4(M^{2+})(Fe^{3+})_8[SeO_3]_{14}[SeO_2(OH)]_2 \cdot 2 H_2O$ ( $M = Tl, Pb, Bi, Ag, Cu, Ni, Zn, Cd, Hg, Ba, Sr, Ca, Ba, Sr, Eu$ ). <i>Materials</i> , 2006, 221, 722-731.	0.4	6
100	Crystal structures of K- and Cs-exchanged forms of zorite. <i>Crystallography Reports</i> , 2005, 50, 367-373.	0.1	11
101	1,1'-Bis(oxazolin-2-yl)ferrocenes: An Investigation of Their Complexation Behavior toward $[Pd(\eta^3\text{-allyl})Cl]_2$ . <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1589-1600.	1.0	14
102	Crystal structure of byelorussite-(Ce) $NaMnBa_2Ce_2(TiO)_2[Si_4O_{12}]_2(F,OH) \cdot H_2O$ . <i>Crystallography Reports</i> , 2004, 49, 964-968.	0.1	4
103	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
104	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.	1.7	0
105	Novel glucose-ferrocenyl derivatives: synthesis and properties. <i>New Journal of Chemistry</i> , 2002, 26, 671-673.	1.4	28
106	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
107	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.	1.0	7
108	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



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109	Syntheses and crystal structures of the new compounds BaFe <sub>2</sub> (SeO <sub>3</sub> ) <sub>4</sub> , AgFe(SeO <sub>3</sub> ) <sub>2</sub> and RbFe(SeO <sub>4</sub> )(SeO <sub>3</sub> ). Journal of Alloys and Compounds, 2000, 308, 71-76.	2.8	24
110	Synthesis of Tumor-Inhibiting Complex Salts Containing the Aniontrans-Tetrachlorobis(indazole)ruthenate(III) and Crystal Structure of the Tetraphenylphosphonium Salt. European Journal of Inorganic Chemistry, 1999, 1999, 1551-1555.	1.0	54
111	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
112	Niedermayrite, Cu <sub>4</sub> Cd(SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub> · 1/2 4H <sub>2</sub> O, a new mineral from the Lavrion Mining District, Greece. Mineralogy and Petrology, 1998, 63, 19-34.	0.4	17
113	Syntheses and crystal structures of some new rare earth basic nitrates II: [Ln <sub>6</sub> O(OH) <sub>8</sub> (H <sub>2</sub> O) <sub>12</sub> (NO <sub>3</sub> ) <sub>6</sub> ](NO <sub>3</sub> ) <sub>2</sub> · xH <sub>2</sub> O, Ln=Sm, Dy, Er; x(Sm)=6, x(Dy)=5, x(Er)=4. Journal of Alloys and Compounds, 1997, 257, 175-181.	2.8	52
114	Synthesis, Crystal Structure, and IR and Mössbauer Spectroscopy of the Isotypic Series M <sub>3</sub> Fe <sub>2</sub> (SeO <sub>3</sub> ) <sub>6</sub> · 2H <sub>2</sub> O (M=Mg, Co, Ni). Journal of Solid State Chemistry, 1997, 131, 54-63.	1.4	6
115	Synthesis and Crystal Structure of the New Polymorph Cu <sub>3</sub> Fe <sub>2</sub> (SeO <sub>3</sub> ) <sub>6</sub> -II. Acta Chemica Scandinavica, 1997, 51, 501-503.	0.7	11
116	Crystal structures of the new pseudo-isotypic compounds NaFe(SeO <sub>3</sub> ) <sub>2</sub> and BaCo(SeO <sub>3</sub> ) <sub>2</sub> . Journal of Alloys and Compounds, 1996, 239, 99-102.	2.8	18
117	Syntheses and Crystal Structures of Ca <sub>3</sub> Fe <sub>2</sub> (SeO <sub>3</sub> ) <sub>6</sub> and Sr <sub>3</sub> Fe <sub>2</sub> (SeO <sub>3</sub> ) <sub>6</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1996, 622, 1788-1792.	0.6	22
118	Mereiterite, K <sub>2</sub> Fe[SO <sub>4</sub> ] <sub>2</sub> · 4H <sub>2</sub> O, a new leonite-type mineral from the Lavrion Mining District, Greece. European Journal of Mineralogy, 1995, 7, 559-566.	0.4	16
119	The structures of some rare earth basic nitrates [Ln <sub>6</sub> (1/46-O)(1/43-OH) <sub>8</sub> (H <sub>2</sub> O) <sub>12</sub> (NO <sub>3</sub> ) <sub>6</sub> ](NO <sub>3</sub> ) <sub>2</sub> · xH <sub>2</sub> O, Ln = Y, Gd, Yb, x(Y, Yb) = 4; x(Gd) = 5. A novel rare earth metal cluster of the M <sub>6</sub> X <sub>8</sub> type with interstitial O atom. Journal of Alloys and Compounds, 1994, 205, 235-242.	2.8	59
120	Sm(OH) <sub>2</sub> NO <sub>3</sub> : Synthesis, characterization, powder diffraction data, and structure refinement by the Rietveld technique. Powder Diffraction, 1994, 9, 115-118.	0.4	14
121	The crystal structure of Fe(SeO <sub>2</sub> OH)(SeO <sub>4</sub> ) · 1/2 H <sub>2</sub> O. Monatshefte Für Chemie, 1992, 123, 957-963.	0.9	19
122	Fe(II)Fe(III) <sub>2</sub> (SO <sub>4</sub> ) <sub>4</sub> · 2H <sub>2</sub> O: a new Fe(II) Fe(III) sulfate, synthesis and crystal structure. Zeitschrift Für Kristallographie, 1991, 196, 269-277.	1.1	5
123	Hydrothermal synthesis and crystal structure of Mn(SeO <sub>3</sub> ) <sub>2</sub> . Journal of Solid State Chemistry, 1991, 91, 370-374.	1.4	17
124	Synthesis and crystal structure of monoclinic Fe <sub>2</sub> (SeO <sub>4</sub> ) <sub>3</sub> . Monatshefte Für Chemie, 1991, 122, 617-623.	0.9	21
125	Crystal structure of Li <sub>2</sub> Cu <sub>3</sub> (SeO <sub>3</sub> ) <sub>2</sub> (SeO <sub>4</sub> ) <sub>2</sub> . Monatshefte Für Chemie, 1989, 120, 661-666.	0.9	16
126	The crystal structures of Ag <sup>+</sup> Cu <sub>2</sub> (OH)(SO <sub>4</sub> ) <sub>2</sub> · H <sub>2</sub> O and Me <sup>+</sup> Cu <sub>2</sub> (OH)(SeO <sub>4</sub> ) <sub>2</sub> · H <sub>2</sub> O [Me <sup>+</sup> = Ag, Tl, NH <sub>4</sub> ], four new representatives of the natrochalcite type, with a note on natural natrochalcite. Zeitschrift Für Kristallographie, 1989, 187, 239-247.	1.1	15



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127	Crystal structure refinements of synthetic chalcocyanite (CuSO <sub>4</sub> ) and zincosite (ZnSO <sub>4</sub> ). <i>Mineralogy and Petrology</i> , 1988, 39, 201-209.	0.4	64
128	The crystal structures of CuSO <sub>4</sub> · ½ H <sub>2</sub> O and CuSeO <sub>4</sub> · ½ H <sub>2</sub> O, and their relationships to kieserite. <i>Mineralogy and Petrology</i> , 1988, 38, 277-284.	0.4	21
129	The crystal structure of the natrochalcite-type compounds Me <sup>+</sup> Cu <sub>2</sub> (OH)(zO <sub>4</sub> ) <sub>2</sub> · 2H <sub>2</sub> O [Me <sup>+</sup> = 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
130	Goldhillite, Cu <sub>5</sub> Zn(AsO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub> · 2H <sub>2</sub> O, a new mineral species, and redefinition of philipsburgite, Cu <sub>5</sub> Zn[(AsO <sub>4</sub> )(PO <sub>4</sub> )](OH) <sub>6</sub> · 2H <sub>2</sub> O, as an As-P ordered species. <i>Mineralogical Magazine</i> , 0, , 1-29.	0.6	1
131	Saccoite, Ca <sub>2</sub> Mn <sup>3+</sup> <sub>3</sub> F(OH) <sub>8</sub> · 0.5(SO <sub>4</sub> ), a new, microporous mineral from the Kalahari Manganese Fields, South Africa. <i>Mineralogical Magazine</i> , 0, , 1-23.	0.6	0