

# George R Rossman

## List of Publications by Year in descending order

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248  
papers

14,297  
citations

19608

61  
h-index

25716

108  
g-index

253  
all docs

253  
docs citations

253  
times ranked

8270  
citing authors

#	ARTICLE	IF	CITATIONS
1	The atomic arrangement and electronic interactions in vonsenite at 295, 100, and 90 K. <i>American Mineralogist</i> , 2022, 107, 92-99.	0.9	0
2	Coupled hydrogen and fluorine incorporation in garnet: New constraints from FTIR, ERDA, SIMS, and EPMA. <i>American Mineralogist</i> , 2022, 107, 587-602.	0.9	6
3	Electrically Tunable and Dramatically Enhanced Valley Polarized Emission of Monolayer WS <sub>2</sub> at Room Temperature with Plasmonic Archimedes Spiral Nanostructures. <i>Advanced Materials</i> , 2022, 34, e2104863.	11.1	24
4	New minerals in type A inclusions from Allende and clues to processes in the early solar system: Paqueite, Ca <sub>3</sub> TiSi <sub>2</sub> (Al,Ti,Si) <sub>3</sub> O <sub>14</sub> , and burnettite, Ca <sub>6</sub> AlSi <sub>6</sub> O <sub>24</sub> . <i>Meteoritics and Planetary Science</i> , 2022, 57, 1300-1324.	0.7	4
5	Response to Comment on "Discovery of davemaoite, CaSiO <sub>3</sub> -perovskite, as a mineral from the lower mantle". <i>Science</i> , 2022, 376, eabo2029.	6.0	3
6	Tunable intraband optical conductivity and polarization-dependent epsilon-near-zero behavior in black phosphorus. <i>Science Advances</i> , 2021, 7, .	4.7	40
7	Characterizing Hydration of the Ocean Crust Using Shortwave Infrared Microimaging Spectroscopy of ICDP Oman Drilling Project Cores. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022676.	1.4	1
8	Discovery of davemaoite, CaSiO <sub>3</sub> -perovskite, as a mineral from the lower mantle. <i>Science</i> , 2021, 374, 891-894.	6.0	39
9	Direct growth of mm-size twisted bilayer graphene by plasma-enhanced chemical vapor deposition. <i>Carbon</i> , 2020, 156, 212-224.	5.4	34
10	Nearly 90% Circularly Polarized Emission in Monolayer WS <sub>2</sub> Single Crystals by Chemical Vapor Deposition. <i>ACS Nano</i> , 2020, 14, 1350-1359.	7.3	39
11	The Nature of the Mn(III) Color Centers in Elbaite Tourmalines. <i>Inorganic Chemistry</i> , 2020, 59, 9618-9626.	1.9	3
12	Micro- and nano-size hydrogarnet clusters in calcium silicate garnet: Part II. Mineralogical, petrological, and geochemical aspects. <i>American Mineralogist</i> , 2020, 105, 468-478.	0.9	9
13	Micro- and nano-size hydrogrossular-like clusters in pyrope crystals from ultra-high-pressure rocks of the Dora-Maira Massif, western Alps. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	1.2	3
14	Machiite, Al <sub>2</sub> Ti <sub>3</sub> O <sub>9</sub> , a new oxide mineral from the Murchison carbonaceous chondrite: A new ultra-refractory phase from the solar nebula. <i>American Mineralogist</i> , 2020, 105, 239-243.	0.9	25
15	Warkite, Ca <sub>2</sub> Sc <sub>6</sub> Al <sub>6</sub> O <sub>20</sub> , a new mineral in carbonaceous chondrites and a key-stone phase in ultrarefractory inclusions from the solar nebula. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 277, 52-86.	1.6	30
16	Micro- and nano-size hydrogarnet clusters and proton ordering in calcium silicate garnet: Part I. The quest to understand the nature of "water" in garnet continues. <i>American Mineralogist</i> , 2020, 105, 455-467.	0.9	15
17	Nitrogen incorporation in silicates and metals: Results from SIMS, EPMA, FTIR, and laser-extraction mass spectrometry. <i>American Mineralogist</i> , 2019, 104, 31-46.	0.9	27
18	Electronic Spectra of Minerals in the Visible and Near-Infrared Regions. , 2019, , 3-20.		3

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19	Davidbrownite-(NH <sub>4</sub> ), (NH <sub>4</sub> ,K) <sub>5</sub> (V <sup>4+</sup> O) <sub>2</sub> (C <sub>2</sub> O <sub>4</sub> )[PO <sub>2.75</sub> (OH) <sub>6</sub> a new phosphate oxalate mineral from the Rowley mine, Arizona, USA. Mineralogical Magazine, 2019, 83, 869-877.	0.6	6
20	Vanadium-rich Muscovite from Austria: Crystal Structure, Chemical Analysis, and Spectroscopic Investigations. Canadian Mineralogist, 2019, 57, 383-389.	0.3	2
21	Anisotropic Quantum Well Electro-Optics in Few-Layer Black Phosphorus. Nano Letters, 2019, 19, 269-276.	4.5	40
22	Ice-VII inclusions in diamonds: Evidence for aqueous fluid in Earth's deep mantle. Science, 2018, 359, 1136-1139.	6.0	166
23	Trapping an Iron(VI) Water-Splitting Intermediate in Nonaqueous Media. Joule, 2018, 2, 747-763.	11.7	157
24	Liebermannite, K <sub>3</sub> Si <sub>3</sub> O <sub>8</sub> , a new shock metamorphic, high pressure mineral from the Zagami Martian meteorite. Meteoritics and Planetary Science, 2018, 53, 50-61.	0.7	49
25	Impact-melt hygrometer for Mars: The case of shergottite Elephant Moraine (EETA) 79001. Earth and Planetary Science Letters, 2018, 490, 206-215.	1.8	18
26	Ramazzoite, [Mg <sub>8</sub> Cu <sub>12</sub> (PO <sub>4</sub> )(CO <sub>3</sub> ) <sub>4</sub> (OH) <sub>24</sub> (H <sub>2</sub> O) <sub>20</sub> ][(H <sub>0.33</sub> SO <sub>4</sub> ) <sub>3</sub> (H <sub>2</sub> O) <sub>36</sub> ], the first mineral with a polyoxometalate cation. European Journal of Mineralogy, 2018, 30, 827-834.	0.4	7
27	Bodieite, Bi <sub>3</sub> +2(Te <sub>4</sub> +O <sub>3</sub> ) <sub>2</sub> (SO <sub>4</sub> ), a New Mineral from the Tintic District, Utah, and the Masonic District, California, USA. Canadian Mineralogist, 2018, 56, 763-772.	0.3	6
28	Synthesis of a novel strontium-based wide-bandgap semiconductor via X-ray photochemistry under extreme conditions. Journal of Materials Chemistry C, 2018, 6, 12473-12478.	2.7	11
29	Pararaisaite, the Dimorph of Raisaite, from the North Star Mine, Tintic, Utah, Usa. Canadian Mineralogist, 2018, 56, 811-820.	0.3	2
30	IR spectroscopy and OH <sup>-</sup> in silicate garnet: The long quest to document the hydrogarnet substitution. American Mineralogist, 2018, 103, 384-393.	0.9	33
31	Heat capacity and entropy behavior of andradite: a multi-sample and methodological investigation. European Journal of Mineralogy, 2018, 30, 681-694.	0.4	8
32	Ambient and cold temperature infrared spectra and XRD patterns of ammoniated phyllosilicates and carbonaceous chondrite meteorites relevant to Ceres and other solar system bodies. Meteoritics and Planetary Science, 2018, 53, 1884-1901.	0.7	27
33	Determination of the crystallographic orientation of SrI <sub>2</sub> crystals. Journal of Crystal Growth, 2018, 498, 263-268.	0.7	2
34	Kyawthuite, Bi <sub>3</sub> +Sb <sub>5</sub> +O <sub>4</sub> , a new gem mineral from Mogok, Burma (Myanmar). Mineralogical Magazine, 2017, 81, 477-484.	0.6	6
35	Tracing the fluid evolution of the Kiruna iron oxide apatite deposits using zircon, monazite, and whole rock trace elements and isotopic studies. Chemical Geology, 2017, 466, 303-322.	1.4	39
36	A heterogeneous lunar interior for hydrogen isotopes as revealed by the lunar highlands samples. Earth and Planetary Science Letters, 2017, 473, 14-23.	1.8	36

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37	Å»abiÅ„skiite, ideally $\text{Ca}(\text{Al}_{0.5}\text{Ta}_{0.5})(\text{SiO}_4)_2\text{O}$ , a new mineral of the titanite group from the PiÅ„awa GÅ„rna pegmatite, the GÅ„ry Sowie Block, southwestern Poland. <i>Mineralogical Magazine</i> , 2017, 81, 591-610.	0.6	5
38	Field Effect Optoelectronic Modulation of Quantum-Confined Carriers in Black Phosphorus. <i>Nano Letters</i> , 2017, 17, 78-84.	4.5	89
39	Electronic environments of ferrous iron in rhyolitic and basaltic glasses at high pressure. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 6306-6322.	1.4	15
40	HEAT TREATMENT OF GEM QUALITY ANDRADITE (VAR. DEMANTOID): IS INTERVALENCE CHARGE TRANSFER NECESSARY FOR BROWN COLORATION IN ANDRADITE?. , 2017, , .		0
41	Lead-tellurium oxysalts from Otto Mountain near Baker, California, USA: XII. Andychristyite, $\text{PbCu}_{2+}\text{Te}_{6+}\text{O}_5(\text{H}_2\text{O})$ , a new mineral with <i>hcp</i> stair-step layers. <i>Mineralogical Magazine</i> , 2016, 80, 1055-1065.	0.6	8
42	Ahrensite, $\text{Fe}_2\text{SiO}_4$ , a new shock-metamorphic mineral from the Tissint meteorite: Implications for the Tissint shock event on Mars. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 184, 240-256.	1.6	81
43	Raman characterization of synthetic magnesian calcites. <i>American Mineralogist</i> , 2016, 101, 2525-2538.	0.9	63
44	Wayneburnhamite, $\text{Pb}_9\text{Ca}_6(\text{Si}_2\text{O}_7)_3(\text{SiO}_4)_3$ , an apatite polysome: The Mn-free analog of ganomalite from Crestmore, California. <i>American Mineralogist</i> , 2016, 101, 2423-2429.	0.9	4
45	Vesuvianite From Pajsberg, Sweden, and the Role of Be In the Vesuvianite Structure. <i>Canadian Mineralogist</i> , 2016, 54, 1525-1537.	0.3	6
46	Fluor-schorl, a new member of the tourmaline supergroup, and new data on schorl from the cotype localities. <i>European Journal of Mineralogy</i> , 2016, 28, 163-177.	0.4	14
47	Miniaturized time-resolved Raman spectrometer for planetary science based on a fast single photon avalanche diode detector array. <i>Applied Optics</i> , 2016, 55, 739.	2.1	38
48	Low water contents in diamond mineral inclusions: Proto-genetic origin in a dry cratonic lithosphere. <i>Earth and Planetary Science Letters</i> , 2016, 433, 125-132.	1.8	31
49	2D Materials: The Influence of Water on the Optical Properties of Single-Layer Molybdenum Disulfide ( <i>Adv. Mater.</i> 17/2015). <i>Advanced Materials</i> , 2015, 27, 2733-2733.	11.1	1
50	Hydrous species in feldspars: A reassessment based on FTIR and SIMS. <i>American Mineralogist</i> , 2015, 100, 1209-1221.	0.9	42
51	Evidence in Tissint for recent subsurface water on Mars. <i>Earth and Planetary Science Letters</i> , 2015, 425, 55-63.	1.8	29
52	Tissintite, $(\text{Ca},\text{Na})\text{AlSi}_2\text{O}_6$ , a highly-defective, shock-induced, high-pressure clinopyroxene in the Tissint martian meteorite. <i>Earth and Planetary Science Letters</i> , 2015, 422, 194-205.	1.8	79
53	The Influence of Water on the Optical Properties of Single-Layer Molybdenum Disulfide. <i>Advanced Materials</i> , 2015, 27, 2734-2740.	11.1	44
54	Silicon isotope systematics of acidic weathering of fresh basalts, Kilauea Volcano, Hawaii. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 169, 63-81.	1.6	16

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55	Bluebellite and mojaveite, two new minerals from the central Mojave Desert, California, USA. Mineralogical Magazine, 2014, 78, 1325-1340.	0.6	20
56	9. Optical Spectroscopy. , 2014, , 371-398.		1
57	Device and method of optically orienting biaxial crystals for sample preparation. Review of Scientific Instruments, 2014, 85, 093105.	0.6	6
58	Discovery of bridgmanite, the most abundant mineral in Earth, in a shocked meteorite. Science, 2014, 346, 1100-1102.	6.0	243
59	Monipite, MoNiP, a new phosphide mineral in a Ca-Al-rich inclusion from the Allende meteorite. American Mineralogist, 2014, 99, 198-205.	0.9	42
60	Allendeite (Sc4Zr3O12) and hexamolybdenum (Mo,Ru,Fe), two new minerals from an ultrarefractory inclusion from the Allende meteorite. American Mineralogist, 2014, 99, 654-666.	0.9	53
61	Anharmonic lattice dynamics of $\text{Ag}_2\text{Mn}_2\text{O}_7$ by inelastic neutron scattering and first-principles molecular dynamics simulations. Physical Review B, 2014, 89, .	1.1	27
62	Fluorowardite, $\text{NaAl}_3(\text{PO}_4)_2(\text{OH})_2 \cdot 2\text{H}_2\text{O}$ , the fluorine analog of wardite from the Silver Coin mine, Valmy, Nevada. American Mineralogist, 2014, 99, 804-810.	0.9	5
63	Ophirite, $\text{Ca}_2\text{Mg}_4[\text{Zn}_2\text{Mn}_{23}(\text{H}_2\text{O})_2(\text{Fe}_3+\text{W}_9\text{O}_{34})_2] \cdot 46\text{H}_2\text{O}$ , a new mineral with a heteropolytungstate tri-lacunary Keggin anion. American Mineralogist, 2014, 99, 1045-1051.	0.9	17
64	Color in Natural Diamonds: The Beauty of Defects. Rocks and Minerals, 2014, 89, 66-75.	0.0	5
65	Timescales and mechanisms of formation of amorphous silica coatings on fresh basalts at K��lauea Volcano, Hawai'i. Journal of Volcanology and Geothermal Research, 2014, 286, 41-54.	0.8	23
66	Lead-tellurium oxysalts from Otto Mountain near Baker, California: X. Bairdite, $\text{Pb}_2\text{Cu}_{42}+\text{Te}_{26}+\text{O}_{10}(\text{OH})_2(\text{SO}_4)(\text{H}_2\text{O})$ , a new mineral with thick HCP layers. American Mineralogist, 2013, 98, 1315-1321.	0.9	18
67	Lead-tellurium oxysalts from Otto Mountain near Baker, California: XI. Eckhardtite, $(\text{Ca,Pb})\text{Cu}_2+\text{Te}_6+\text{O}_5(\text{H}_2\text{O})$ , a new mineral with HCP stair-step layers. American Mineralogist, 2013, 98, 1617-1623.	0.9	15
68	Joteite, $\text{Ca}_2\text{CuAl}[\text{AsO}_4][\text{AsO}_3(\text{OH})]_2(\text{OH})_2 \cdot 5\text{H}_2\text{O}$ , a new arsenate with a sheet structure and unconnected acid arsenate groups. Mineralogical Magazine, 2013, 77, 2811-2823.	0.6	7
69	The dumortierite supergroup. II. Three new minerals from the Szklary pegmatite, SW Poland: Nioboholtite, $(\text{Nb}_{0.6}\text{Ti}_{0.4})\text{Al}_6\text{BSi}_3\text{O}_{18}$ , titanoholtite, $(\text{Ti}_{0.75}\text{Zr}_{0.25})\text{Al}_6\text{BSi}_3\text{O}_{18}$ , and szklaryite, $\text{Al}_6\text{BAs}_3\text{O}_{15}$ . Mineralogical Magazine, 2013, 77, 2841-2856.	0.6	9
70	Refractive index and optical dispersion of $\text{In}_2\text{O}_3$ , $\text{InBO}_3$ and gahnite. Materials Research Bulletin, 2013, 48, 2240-2243.	2.7	33
71	Darrellhenryite, $\text{Na}(\text{LiAl}_2)\text{Al}_6(\text{BO}_3)_3\text{Si}_6\text{O}_{18}(\text{OH})_3\text{O}$ , a new mineral from the tourmaline supergroup. American Mineralogist, 2013, 98, 1886-1892.	0.9	20
72	Analysis of hydrogen and fluorine in pyroxenes: I. Orthopyroxene. American Mineralogist, 2013, 98, 1026-1041.	0.9	67

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73	Analysis of hydrogen and fluorine in pyroxenes: II. Clinopyroxene. <i>American Mineralogist</i> , 2013, 98, 1042-1054.	0.9	71
74	Kangite, (Sc,Ti,Al,Zr,Mg,Ca,Å)2O3, a new ultra-refractory scandia mineral from the Allende meteorite: Synchrotron micro-Laue diffraction and electron backscatter diffraction. <i>American Mineralogist</i> , 2013, 98, 870-878.	0.9	42
75	The dumortierite supergroup. I. A new nomenclature for the dumortierite and holtite groups. <i>Mineralogical Magazine</i> , 2013, 77, 2825-2839.	0.6	14
76	Camaronesite, [Fe3+(H2O)2(PO3OH)]2(SO4)Å·1Å“2H2O, a new phosphate-sulfate from the Camarones Valley, Chile, structurally related to taranakite. <i>Mineralogical Magazine</i> , 2013, 77, 453-465.	0.6	10
77	The diffusion behavior of hydrogen in plagioclase feldspar at 800-1000 ÅC: Implications for re-equilibration of hydroxyl in volcanic phenocrysts. <i>American Mineralogist</i> , 2013, 98, 1779-1787.	0.9	41
78	Natural hydrous amorphous silica: Quantitation of network speciation and hydroxyl content by 29Si MAS NMR and vibrational spectroscopy. <i>American Mineralogist</i> , 2012, 97, 203-211.	0.9	38
79	Synthetic B-rich olenite: Correlations of single-crystal structural data. <i>American Mineralogist</i> , 2012, 97, 1591-1597.	0.9	19
80	Panguite, (Ti4+,Sc,Al,Mg,Zr,Ca)1.8O3, a new ultra-refractory titania mineral from the Allende meteorite: Synchrotron micro-diffraction and EBSD. <i>American Mineralogist</i> , 2012, 97, 1219-1225.	0.9	52
81	Limitations of Fe2+ and Mn2+ site occupancy in tourmaline: Evidence from Fe2+- and Mn2+-rich tourmaline. <i>American Mineralogist</i> , 2012, 97, 1402-1416.	0.9	35
82	Li-bearing tourmalines in Variscan granitic pegmatites from the Moldanubian nappes, Lower Austria. <i>European Journal of Mineralogy</i> , 2012, 24, 695-715.	0.4	30
83	Direct measurement of hydroxyl in the lunar regolith and the origin of lunar surface water. <i>Nature Geoscience</i> , 2012, 5, 779-782.	5.4	120
84	Quantitative laser-induced breakdown spectroscopy of potassium for in-situ geochronology on Mars. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2012, 70, 45-50.	1.5	25
85	Buseckite, (Fe,Zn,Mn)S, a new mineral from the Zakłodzie meteorite. <i>American Mineralogist</i> , 2012, 97, 1226-1233.	0.9	36
86	Laser-induced time-resolved luminescence of natural sillimanite Al2SiO5 and synthetic Al2SiO5 activated by chromium. <i>Journal of Luminescence</i> , 2012, 132, 2855-2862.	1.5	13
87	Browneite, MnS, a new sphalerite-group mineral from the Zakłodzie meteorite. <i>American Mineralogist</i> , 2012, 97, 2056-2059.	0.9	30
88	Krotite, CaAl2O4, a new refractory mineral from the NWA 1934 meteorite. <i>American Mineralogist</i> , 2011, 96, 709-715.	0.9	60
89	Brearleyite, Ca12Al14O32Cl2, a new alteration mineral from the NWA 1934 meteorite. <i>American Mineralogist</i> , 2011, 96, 1199-1206.	0.9	39
90	Yttriaite-(Y): The natural occurrence of Y2O3 from the Bol'shaya Pol'ya River, Subpolar Urals, Russia. <i>American Mineralogist</i> , 2011, 96, 1166-1170.	0.9	12

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91	Fast single-photon avalanche diode arrays for laser Raman spectroscopy. <i>Optics Letters</i> , 2011, 36, 3672.	1.7	42
92	Afmite, $\text{Al}_3(\text{OH})_4(\text{H}_2\text{O})_3(\text{PO}_4)(\text{PO}_3\text{OH})\cdot\text{H}_2\text{O}$ , a new mineral from Fumade, Tarn, France: description and crystal structure. <i>European Journal of Mineralogy</i> , 2011, 23, 269-277.	0.4	5
93	Laser-induced time-resolved luminescence of orange kyanite $\text{Al}_2\text{SiO}_5$ . <i>Optical Materials</i> , 2011, 33, 1476-1480.	1.7	15
94	Dissymmetrization in tourmaline: the atomic arrangement of sectorally zoned triclinic Ni-bearing dravite. <i>Canadian Mineralogist</i> , 2011, 49, 29-40.	0.3	10
95	Analysis of hydrogen in olivine by SIMS: Evaluation of standards and protocol. <i>American Mineralogist</i> , 2011, 96, 1725-1741.	0.9	98
96	Murchisite, $\text{Cr}_5\text{S}_6$ , a new mineral from the Murchison meteorite. <i>American Mineralogist</i> , 2011, 96, 1905-1908.	0.9	26
97	The Chinese red feldspar controversy: Chronology of research through July 2009. <i>Gems &amp; Gemology</i> , 2011, 47, 16-30.	0.4	5
98	DEVITOITE, A NEW HETEROPHYLLOSILICATE MINERAL WITH ASTROPHYLLITE-LIKE LAYERS FROM EASTERN FRESNO COUNTY, CALIFORNIA. <i>Canadian Mineralogist</i> , 2010, 48, 29-40.	0.3	19
99	Lunar apatite with terrestrial volatile abundances. <i>Nature</i> , 2010, 466, 466-469.	13.7	258
100	Tourmaline of the elbaite-schorl series from the Himalaya Mine, Mesa Grande, California: A detailed investigation. <i>American Mineralogist</i> , 2010, 95, 24-40.	0.9	34
101	CRYSTAL CHEMISTRY OF DARK BLUE AQUAMARINE FROM THE TRUE BLUE SHOWING, YUKON TERRITORY, CANADA. <i>Canadian Mineralogist</i> , 2010, 48, 597-613.	0.3	38
102	Silica coatings in the Ka'u Desert, Hawaii, a Mars analog terrain: A micromorphological, spectral, chemical, and isotopic study. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	38
103	Time-resolved Raman spectroscopy for in situ planetary mineralogy. <i>Applied Optics</i> , 2010, 49, 4951.	2.1	34
104	Developments in Gemstone Analysis Techniques and Instrumentation During the 2000s. <i>Gems &amp; Gemology</i> , 2010, 46, 241-257.	0.4	27
105	Tistarite, $\text{Ti}_2\text{O}_3$ , a new refractory mineral from the Allende meteorite. <i>American Mineralogist</i> , 2009, 94, 841-844.	0.9	101
106	Mid-infrared reflectance spectra and optical constants of six iron oxide/oxyhydroxide phases. <i>Icarus</i> , 2009, 204, 663-671.	1.1	66
107	The Geochemistry of Gems and Its Relevance to Gemology: Different Traces, Different Prices. <i>Elements</i> , 2009, 5, 159-162.	0.5	47
108	Plumbophyllite, a new species from the Blue Bell claims near Baker, San Bernardino County, California. <i>American Mineralogist</i> , 2009, 94, 1198-1204.	0.9	23

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109	THE CRYSTAL CHEMISTRY OF THE KORNERUPINE-PRISMATINE SERIES. II. THE ROLE OF HYDROGEN. Canadian Mineralogist, 2009, 47, 263-274.	0.3	5
110	Davsite, CaScAlSiO <sub>6</sub> , a new pyroxene from the Allende meteorite. American Mineralogist, 2009, 94, 845-848.	0.9	54
111	Calcium Tschermak's pyroxene, CaAlAlSiO <sub>6</sub> , from the Allende and Murray meteorites: EBSD and micro-Raman characterizations. American Mineralogist, 2009, 94, 1483-1486.	0.9	42
112	Grossmanite, CaTi <sub>3</sub> +AlSiO <sub>6</sub> , a new pyroxene from the Allende meteorite. American Mineralogist, 2009, 94, 1491-1494.	0.9	62
113	Barioperovskite, BaTiO <sub>3</sub> , a new mineral from the Benitoite Mine, California. American Mineralogist, 2008, 93, 154-157.	0.9	59
114	V <sup>3+</sup> -bearing, Mg-rich, strongly disordered olenite from a graphite deposit near Amstall, Lower Austria: A structural, chemical and spectroscopic investigation. Neues Jahrbuch Fur Mineralogie, Abhandlungen, 2008, 184, 243-253.	0.1	22
115	GREENISH QUARTZ FROM THE THUNDER BAY AMETHYST MINE PANORAMA, THUNDER BAY, ONTARIO, CANADA. Canadian Mineralogist, 2008, 46, 111-124.	0.3	9
116	Hydrogen analysis in minerals by continuous-flow mass spectrometry. American Mineralogist, 2007, 92, 1990-1997.	0.9	16
117	THE ORIGIN OF COLOR IN "FIRE" OBSIDIAN. Canadian Mineralogist, 2007, 45, 551-557.	0.3	22
118	Thermochromic and photochromic behaviour of "chameleon" diamonds. Diamond and Related Materials, 2007, 16, 401-408.	1.8	16
119	Estimated optical constants of gypsum in the regions of weak absorptions: Application of scattering theories and comparisons to independent measurements. Journal of Geophysical Research, 2007, 112, .	3.3	37
120	Mid-infrared (5-100 $\mu$ m) reflectance spectra and optical constants of ten phyllosilicate minerals. Icarus, 2007, 192, 605-622.	1.1	63
121	Potential protonation sites in the Al <sub>2</sub> SiO <sub>5</sub> polymorphs based on polarized FTIR spectroscopy and properties of the electron density distribution. Physics and Chemistry of Minerals, 2007, 34, 295-306.	0.3	5
122	Yellow Mn-Rich Tourmaline From The Canary Mining Area, Zambia. Gems & Gemology, 2007, 43, 314-331.	0.4	6
123	Hydrogen incorporation in olivine from 2-12 GPa. American Mineralogist, 2006, 91, 285-294.	0.9	194
124	Analytical Methods for Measuring Water in Nominally Anhydrous Minerals. Reviews in Mineralogy and Geochemistry, 2006, 62, 1-28.	2.2	92
125	Low Voltage FESEM of Geological Materials. Microscopy Today, 2006, 14, 20-23.	0.2	20
126	1. Analytical Methods for Measuring Water in Nominally Anhydrous Minerals. , 2006, , 1-28.		10



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127	OH in naturally occurring corundum. <i>European Journal of Mineralogy</i> , 2006, 18, 441-447.	0.4	25
128	Fe-BEARING OLENITE WITH TETRAHEDRALLY COORDINATED Al FROM AN ABYSSAL PEGMATITE AT KUTNA HORA, CZECH REPUBLIC: STRUCTURE, CRYSTAL CHEMISTRY, OPTICAL AND XANES SPECTRA. <i>Canadian Mineralogist</i> , 2006, 44, 23-30.	0.3	31
129	Ganterite, the barium mica $Ba_{0.5}K_{0.5}Al_2(Al_{1.5}Si_{2.5})O_{10}(OH)_2$ , from Oreana, Nevada. <i>American Mineralogist</i> , 2006, 91, 702-705.	0.9	4
130	Quantitative polarized infrared analysis of trace OH in populations of randomly oriented mineral grains. <i>American Mineralogist</i> , 2006, 91, 278-284.	0.9	74
131	Crystal chemistry of wadsleyite II and water in the Earth's interior. <i>Physics and Chemistry of Minerals</i> , 2005, 31, 691-705.	0.3	27
132	Mn-bearing "oxy-rossmanite" with tetrahedrally coordinated Al and B from Austria: Structure, chemistry, and infrared and optical spectroscopic study. <i>American Mineralogist</i> , 2005, 90, 481-487.	0.9	39
133	Abundance and Partitioning of OH in a High-pressure Magmatic System: Megacrysts from the Monastery Kimberlite, South Africa. <i>Journal of Petrology</i> , 2004, 45, 1539-1564.	1.1	187
134	Mn-rich tourmaline from Austria: structure, chemistry, optical spectra, and relations to synthetic solid solutions. <i>American Mineralogist</i> , 2004, 88, 1369-1376.	0.9	55
135	Mn-rich fluorapatite from Austria: Crystal structure, chemical analysis, and spectroscopic investigations. <i>American Mineralogist</i> , 2004, 89, 629-632.	0.9	24
136	An infrared and $^1H$ MAS NMR investigation of strong hydrogen bonding in ussingite, $Na_2AlSi_3O_8(OH)$ . <i>Physics and Chemistry of Minerals</i> , 2004, 31, 115-121.	0.3	7
137	Theoretical estimates of equilibrium chromium-isotope fractionations. <i>Chemical Geology</i> , 2004, 205, 99-114.	1.4	165
138	Hydroxide in kyanite: A quantitative determination of the absolute amount and calibration of the IR spectrum. <i>American Mineralogist</i> , 2004, 89, 998-1003.	0.9	31
139	A survey of hydrous species and concentrations in igneous feldspars. <i>American Mineralogist</i> , 2004, 89, 586-600.	0.9	95
140	Hydroxide in olivine: A quantitative determination of the absolute amount and calibration of the IR spectrum. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	383
141	Theoretical estimates of equilibrium chlorine-isotope fractionations. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 3267-3281.	1.6	143
142	The concentration and speciation of hydrogen in feldspars using FTIR and $^1H$ MAS NMR spectroscopy. <i>American Mineralogist</i> , 2003, 88, 901-911.	0.9	127
143	Pezzottaite from Ambatovita, Madagascar: A New Gem Mineral. <i>Gems &amp; Gemology</i> , 2003, 39, 284-301.	0.4	33
144	Correlation between OH concentration and oxygen isotope diffusion rate in diopsides from the Adirondack Mountains, New York. <i>American Mineralogist</i> , 2002, 87, 899-908.	0.9	22

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145	Hydrogen, lithium, and boron in mantle-derived olivine: The role of coupled substitutions. <i>American Mineralogist</i> , 2002, 87, 1432-1436.	0.9	58
146	Fibrous nano-inclusions in massive rose quartz: HRTEM and AEM investigations. <i>American Mineralogist</i> , 2002, 87, 269-276.	0.9	43
147	Feasibility of determining the quantitative OH content of garnets with Raman spectroscopy. <i>American Mineralogist</i> , 2002, 87, 307-311.	0.9	22
148	High-temperature, high-pressure optical spectroscopic study of ferric-iron-bearing tourmaline. <i>American Mineralogist</i> , 2002, 87, 1148-1153.	0.9	22
149	Theoretical estimates of equilibrium Fe-isotope fractionations from vibrational spectroscopy. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 2487-2497.	1.6	223
150	Growth and characteristics of some new varieties of coloured quartz single crystals. <i>High Pressure Research</i> , 2001, 20, 219-227.	0.4	1
151	Spectroscopic standards for four- and fivefold-coordinated Fe <sup>2+</sup> in oxygen-based minerals. <i>American Mineralogist</i> , 2001, 86, 896-903.	0.9	48
152	Optical spectra of Co <sup>2+</sup> in three synthetic silicate minerals. <i>American Mineralogist</i> , 2001, 86, 889-895.	0.9	34
153	Fibrous nano-inclusions in massive rose quartz: The origin of rose coloration. <i>American Mineralogist</i> , 2001, 86, 466-472.	0.9	158
154	Hydrogen in spessartine-almandine garnets as a tracer of granitic pegmatite evolution. <i>American Mineralogist</i> , 2001, 86, 485-490.	0.9	30
155	MICRO-ANALYTICAL STUDY OF THE OPTICAL PROPERTIES OF RAINBOW AND SHEEN OBSIDIANS. <i>Canadian Mineralogist</i> , 2001, 39, 57-71.	0.3	12
156	Optical spectroscopic study of tuzilaite and a re-examination of the beryl, cordierite, and osumilite spectra. <i>American Mineralogist</i> , 2001, 86, 973-980.	0.9	42
157	VIOLET-COLORED DIOPSIDE FROM SOUTHERN BAFFIN ISLAND, NUNAVUT, CANADA. <i>Canadian Mineralogist</i> , 2000, 38, 1193-1199.	0.3	11
158	Industrial growth, morphology and some properties of Bi-colored amethyst-citrine quartz (ametrine). <i>Journal of Crystal Growth</i> , 2000, 212, 255-260.	0.7	19
159	Hydrogen bonding interactions in phase A [Mg <sub>7</sub> Si <sub>2</sub> O <sub>8</sub> (OH) <sub>6</sub> ] at ambient and high pressure. <i>Physics and Chemistry of Minerals</i> , 2000, 27, 225-233.	0.3	55
160	Single-crystal IR- and UV/VIS-spectroscopic measurements on transition-metal-bearing pyrope: the incorporation of hydroxide in garnet. <i>European Journal of Mineralogy</i> , 2000, 12, 259-271.	0.4	36
161	Stability of hydroxylated minerals on Mars: A study on the effects of exposure to ultraviolet radiation. <i>Journal of Geophysical Research</i> , 1999, 104, 27031-27041.	3.3	21
162	Water content of the Martian soil: Laboratory simulations of reflectance spectra. <i>Journal of Geophysical Research</i> , 1998, 103, 11125-11133.	3.3	45

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163	Single-crystal IR spectroscopy of very strong hydrogen bonds in pectolite, NaCa <sub>2</sub> [Si <sub>3</sub> O <sub>8</sub> (OH)], and serandite, NaMn <sub>2</sub> [Si <sub>3</sub> O <sub>8</sub> (OH)]. American Mineralogist, 1998, 83, 569-576.	0.9	63
164	The hydrous component in andradite garnet. American Mineralogist, 1998, 83, 835-840.	0.9	63
165	An IR absorption calibration for water in minerals. American Mineralogist, 1997, 82, 1111-1115.	0.9	413
166	IR spectroscopy of hemimorphite between 82 and 373 K and optical evidence for a low-temperature phase transition. European Journal of Mineralogy, 1997, 9, 793-802.	0.4	24
167	Proton disorder in dehydrated hemimorphite – IR spectroscopy and X-ray structure refinement at low and ambient temperatures. European Journal of Mineralogy, 1997, 9, 803-810.	0.4	24
168	Principles of quantitative absorbance measurements in anisotropic crystals. Physics and Chemistry of Minerals, 1996, 23, 319.	0.3	213
169	Studies of OH in nominally anhydrous minerals. Physics and Chemistry of Minerals, 1996, 23, 299.	0.3	152
170	Stationary and mobile hydrogen defects in potassium feldspar. Geochimica Et Cosmochimica Acta, 1996, 60, 4075-4094.	1.6	61
171	FTIR spectroscopy of lawsonite between 82 and 325 K. American Mineralogist, 1996, 81, 1080-1091.	0.9	71
172	Quantitative analysis of trace OH in garnet and pyroxenes. American Mineralogist, 1995, 80, 465-474.	0.9	402
173	Water in boninite glass and coexisting orthopyroxene: concentration and partitioning. Contributions To Mineralogy and Petrology, 1995, 118, 414-419.	1.2	55
174	Archean mantle heterogeneity and the origin of diamondiferous eclogites, Siberia; evidence from stable isotopes and hydroxyl in garnet. American Mineralogist, 1995, 80, 799-809.	0.9	85
175	Chapter 13. COLORED VARIETIES OF THE SILICA MINERALS. , 1994, , 433-468.		20
176	Crystal field stabilization energies of almandine-pyrope and almandine-spessartine garnets determined by FTIR near infrared measurements. Physics and Chemistry of Minerals, 1994, 21, 516.	0.3	30
177	Irradiative coloration of quartz and feldspars with application to preparing high-purity mineral separates. Chemical Geology, 1994, 114, 185-189.	1.4	4
178	Topology of synthetic, boron-doped diamond by scanning tunneling microscopy. Diamond and Related Materials, 1994, 3, 94-97.	1.8	3
179	The Anah-Ametrine Mine, Bolivia. Gems & Gemology, 1994, 30, 4-23.	0.4	7
180	Calculated trends of oh infrared stretching vibrations with composition and structure in aluminosilicate molecules. Physics and Chemistry of Minerals, 1993, 20, 425.	0.3	37

#	ARTICLE	IF	CITATIONS
181	Elastic properties of hydrogrossular garnet and implications for water in the upper mantle. <i>Journal of Geophysical Research</i> , 1993, 98, 20031-20037.	3.3	46
182	Observation of surface charge screening and Fermi level pinning on a synthetic, boron-doped diamond. <i>Journal of Applied Physics</i> , 1993, 74, 4015-4019.	1.1	20
183	Water in Earth's Mantle: The Role of Nominally Anhydrous Minerals. <i>Science</i> , 1992, 255, 1391-1397.	6.0	882
184	The distribution of hydroxyl in garnets from the subcontinental mantle of southern Africa. <i>Contributions To Mineralogy and Petrology</i> , 1992, 111, 161-178.	1.2	138
185	Dielectric constants of crystalline and amorphous spodumene, anorthite and diopside and the oxide additivity rule. <i>Physics and Chemistry of Minerals</i> , 1992, 19, 148.	0.3	39
186	Dielectric constants of apatite, epidote, vesuvianite, and zoisite, and the oxide additivity rule. <i>Physics and Chemistry of Minerals</i> , 1992, 19, 157.	0.3	15
187	Dielectric constants of topaz, orthoclase and scapolite and the oxide additivity rule. <i>Physics and Chemistry of Minerals</i> , 1992, 19, 166.	0.3	9
188	Effect of H <sub>2</sub> O and CO <sub>2</sub> on Dielectric Properties of Single-Crystal Cordierite and Comparison with Polycrystalline Cordierite. <i>Journal of the American Ceramic Society</i> , 1992, 75, 2395-2399.	1.9	23
189	Infrared and electron microprobe analysis of ammonium ions in hyalophane feldspar. <i>European Journal of Mineralogy</i> , 1992, 4, 847-850.	0.4	40
190	Dielectric constants of BaO and melilites and the oxide additivity rule. <i>European Journal of Mineralogy</i> , 1992, 4, 1241-1250.	0.4	8
191	Unstable Radiation-Induced Yellow-Green Color in Grossular Garnet. <i>Gems &amp; Gemology</i> , 1992, 28, 188-191.	0.4	0
192	Submicrometer fluid inclusions in turbid-diamond coats. <i>Earth and Planetary Science Letters</i> , 1991, 105, 1-12.	1.8	74
193	Dielectric constant of MgAl <sub>2</sub> O <sub>4</sub> spinel and the oxide additivity rule. <i>Journal of Physics and Chemistry of Solids</i> , 1991, 52, 1055-1059.	1.9	53
194	Dielectric constants of YVO <sub>4</sub> , Fe-, Ge-, and V-containing garnets, the polarizabilities of Fe <sub>2</sub> O <sub>3</sub> , GeO <sub>2</sub> , and V <sub>2</sub> O <sub>5</sub> , and the oxide additivity rule. <i>Journal of Solid State Chemistry</i> , 1991, 95, 313-318.	1.4	16
195	Incorporation of hydroxyl in upper-mantle clinopyroxenes. <i>Nature</i> , 1991, 351, 732-735.	13.7	200
196	Dielectric constants of tephroite, fayalite and olivine and the oxide additivity rule. <i>Physics and Chemistry of Minerals</i> , 1991, 18, 1.	0.3	30
197	The intensity of amphibole OH bands in the infrared absorption spectrum. <i>Physics and Chemistry of Minerals</i> , 1991, 18, 64.	0.3	82
198	Elastic properties of pyrope. <i>Physics and Chemistry of Minerals</i> , 1991, 17, 617.	0.3	72

#	ARTICLE	IF	CITATIONS
199	Hydrogen in "anhydrous" minerals. Nuclear Instruments & Methods in Physics Research B, 1990, 45, 41-44.	0.6	28
200	Dielectric constants of yttrium and rare-earth garnets, the polarizability of gallium oxide, and the oxide additivity rule. Journal of Applied Physics, 1990, 67, 3798-3802.	1.1	64
201	New Technologies of the 1980s: Their Impact in Gemology. Gems & Gemology, 1990, 26, 64-75.	0.4	10
202	Gem-Quality Cuprian-Elbaite Tourmalines From São Josã Da Batalha, Paraíba, Brazil. Gems & Gemology, 1990, 26, 189-205.	0.4	26
203	The water content of nepheline. Mineralogy and Petrology, 1989, 40, 235-240.	0.4	20
204	The hydrous component of pyrope from the Dora Maira Massif, Western Alps. European Journal of Mineralogy, 1989, 1, 151-154.	0.4	51
205	Fe <sup>2+</sup> -Ti <sup>4+</sup> charge transfer in stoichiometric Fe <sup>2+</sup> ,Ti <sup>4+</sup> -minerals. Physics and Chemistry of Minerals, 1988, 16, 78.	0.3	37
206	Mantle-derived fluids in diamond micro-inclusions. Nature, 1988, 335, 784-789.	13.7	452
207	Characterization of hydrous species in minerals by high-speed proton MAS-NMR. Journal of the American Chemical Society, 1988, 110, 1367-1375.	6.6	196
208	An Update on Color in Gems. Part 2: Colors Involving Multiple Atoms and Color Centers. Gems & Gemology, 1988, 24, 3-15.	0.4	73
209	An Update on Color in Gems. Part 3: Colors Caused By Band Gaps and Physical Phenomena. Gems & Gemology, 1988, 24, 81-102.	0.4	63
210	Rb, Sr, Nd and Sm concentrations in quartz. Geochimica Et Cosmochimica Acta, 1987, 51, 2325-2329.	1.6	25
211	Fe <sup>2+</sup> -Fe <sup>3+</sup> interactions in tourmaline. Physics and Chemistry of Minerals, 1987, 14, 163-171.	0.3	78
212	Identifying characteristics of charge transfer transitions in minerals. Physics and Chemistry of Minerals, 1987, 14, 94-99.	0.3	66
213	The natural occurrence of hydroxide in olivine. Physics and Chemistry of Minerals, 1987, 14, 461-472.	0.3	218
214	Planar OH-bearing defects in mantle olivine. Nature, 1987, 328, 143-145.	13.7	111
215	An Update on Color in Gems. Part 1: Introduction and Colors Caused by Dispersed Metal Ions. Gems & Gemology, 1987, 23, 126-139.	0.4	82
216	Exsolution of metallic copper from Lake County labradorite. Geology, 1985, 13, 644.	2.0	26

#	ARTICLE	IF	CITATIONS
217	A model for the irradiative coloration of smoky feldspar and the inhibiting influence of water. <i>Physics and Chemistry of Minerals</i> , 1985, 12, 324-332.	0.3	68
218	Water content of mantle garnets. <i>Geology</i> , 1984, 12, 720.	2.0	85
219	Hydrogen speciation in synthetic quartz. <i>Physics and Chemistry of Minerals</i> , 1984, 11, 204-212.	0.3	226
220	Determination of Fe <sup>3+</sup> and Fe <sup>2+</sup> concentrations in feldspar by optical absorption and EPR spectroscopy. <i>Physics and Chemistry of Minerals</i> , 1984, 11, 213-224.	0.3	76
221	Ferric iron in tourmaline. <i>Physics and Chemistry of Minerals</i> , 1984, 11, 225-234.	0.3	37
222	Mixed valence of iron in minerals with cation clusters. <i>Physics and Chemistry of Minerals</i> , 1984, 11, 37-51.	0.3	149
223	Water in minerals? A peak in the infrared. <i>Journal of Geophysical Research</i> , 1984, 89, 4059-4071.	3.3	353
224	Magnetic Properties of Gem-Quality Synthetic Diamonds. <i>Gems &amp; Gemology</i> , 1984, 20, 163-166.	0.4	8
225	Spectroscopic standard for tetrahedrally coordinated ferric iron: ? LiAlO <sub>2</sub> :Fe <sup>3+</sup> . <i>Physics and Chemistry of Minerals</i> , 1983, 9, 212-215.	0.3	41
226	Case hardening of sandstone. <i>Geology</i> , 1982, 10, 520.	2.0	77
227	Orientation and motion of water molecules in cordierite: A proton nuclear magnetic resonance study. <i>Physics and Chemistry of Minerals</i> , 1982, 8, 14-19.	0.3	27
228	Radioactive Irradiated Spodumene. <i>Gems &amp; Gemology</i> , 1982, 18, 87-89.	0.4	7
229	Origin of the yellow color of complex nickel oxides. <i>Journal of Solid State Chemistry</i> , 1981, 39, 277-287.	1.4	109
230	Color in Gems: The New Technologies. <i>Gems &amp; Gemology</i> , 1981, 17, 60-71.	0.4	13
231	Absorption spectrum of shock-compressed Fe <sup>2+</sup> -bearing MgO and the radiative conductivity of the lower mantle. <i>Physics of the Earth and Planetary Interiors</i> , 1980, 22, 272-276.	0.7	32
232	Absorption spectra of Cr <sup>3+</sup> in Al <sub>2</sub> O <sub>3</sub> under shock compression. <i>Physics and Chemistry of Minerals</i> , 1979, 4, 253-263.	0.3	23
233	Determination of quantitative cation distribution in orthopyroxenes from electronic absorption spectra. <i>Physics and Chemistry of Minerals</i> , 1979, 4, 43-53.	0.3	31
234	The manganese- and iron-oxide mineralogy of desert varnish. <i>Chemical Geology</i> , 1979, 25, 79-94.	1.4	163

#	ARTICLE	IF	CITATIONS
235	Channel constituents in beryl. <i>Physics and Chemistry of Minerals</i> , 1978, 3, 225-235.	0.3	70
236	Desert Varnish: The Importance of Clay Minerals. <i>Science</i> , 1977, 196, 1446-1448.	6.0	253
237	Identification of a mid-infrared electronic absorption band of Fe <sup>2+</sup> in the distorted M(2) site of Orthopyroxene, (Mg, Fe)SiO <sub>3</sub> . <i>Chemical Physics Letters</i> , 1976, 41, 474-475.	1.2	12
238	Magnetic behavior and infrared spectra of jarosite, basic iron sulfate, and their chromate analogs. <i>Journal of Solid State Chemistry</i> , 1975, 13, 1-13.	1.4	81
239	ABSORPTION SPECTROSCOPY OF IONIC AND MOLECULAR UNITS IN CRYSTALS AND GLASSES. , 1975, , 1-38.		9
240	Amorphous, hydrous, ferric phosphatic dermal granules in <i>Molpadia</i> (Holothuroidea): Physical and chemical characterization and ecologic implications of the bioinorganic fraction. <i>Chemical Geology</i> , 1975, 15, 15-51.	1.4	36
241	Synthesis and structural characterization of a new cyanomanganate(III) complex, heptapotassium .mu.-oxo-bis[pentacyanomanganate(III)]cyanide. <i>Journal of the American Chemical Society</i> , 1974, 96, 7910-7915.	6.6	39
242	Spectroscopic and magnetic properties of heptacyanomolybdate(III). Evidence for pentagonal-bipyramidal and monocapped trigonal-prismatic structures. <i>Inorganic Chemistry</i> , 1973, 12, 824-829.	1.9	83
243	Electronic structure of oxo-bridge iron(III) dimers. <i>Journal of the American Chemical Society</i> , 1972, 94, 2683-2690.	6.6	109
244	Chelates of .beta.-diketones. VI. Synthesis and characterization of dimeric dialkoxo-bridged iron(III) complexes with acetylacetone and 2,2,6,6-tetramethylheptane-3,5-dione (HDPM). <i>Inorganic Chemistry</i> , 1972, 11, 990-994.	1.9	75
245	Simultaneous pair electronic excitations in a binuclear iron(III) complex. <i>Chemical Physics Letters</i> , 1970, 6, 26-28.	1.2	31
246	Electronic energy levels in hexahalotellurate(IV) complexes. <i>Journal of the American Chemical Society</i> , 1970, 92, 307-310.	6.6	41
247	Dihydroxo-bridged ferric dimer. <i>Journal of the American Chemical Society</i> , 1969, 91, 4564-4566.	6.6	58
248	Hydrogen Incorporation in Natural Mantle Olivines. <i>Geophysical Monograph Series</i> , 0, , 45-56.	0.1	20