

Ricardo Scholz

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An exotic Cretaceous kimberlite linked to metasomatized lithospheric mantle beneath the southwestern margin of the São Francisco Craton, Brazil. <i>Geoscience Frontiers</i> , 2022, 13, 101281.	8.4	10
2	Assessing the U–Pb, Sm–Nd and Sr–Sr Isotopic Compositions of the Sumatran Apatite as a Reference Material for LA–ICP–MS Analysis. <i>Geostandards and Geoanalytical Research</i> , 2022, 46, 71-95.	3.1	13
3	Toward the influence of iron oxide morphology on the grinding and filtration processes and on the cold crushing strength (CCS) of heat-treated iron ore pellets. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2020, 41, 41-49.	5.0	2
4	Obtaining and Maintaining the Distribution of Natural Reference Materials for U–Pb Geochronology by LA–ICP–MS: Protocols and Future Perspectives. <i>Microscopy and Microanalysis</i> , 2020, 26, 3054-3055.	0.4	1
5	LA–ICP–MS U–Pb dating of rutiles associated with hydrothermal mineralization along the southern Araçuaia Belt, SE Brazil. <i>Journal of South American Earth Sciences</i> , 2020, 99, 102502.	1.4	11
6	Iron distribution in Fe-rich bustamite-type minerals. <i>Physics and Chemistry of Minerals</i> , 2019, 46, 133-142.	0.8	3
7	Formation Conditions and ⁴⁰ Ar/ ³⁹ Ar Age of the Gem-Bearing Boqueirão Granitic Pegmatite, Parelhas, Rio Grande do Norte, Brazil. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 233.	2.0	3
8	Twenty million years of post-orogenic fluid production and hydrothermal mineralization across the external Araçuaia-orogen and adjacent São Francisco craton, SE Brazil. <i>Lithos</i> , 2019, 342-343, 557-572.	1.4	22
9	Mica and tourmaline geochemistry of pegmatites from Conselheiro Pena Pegmatite District, Minas Gerais, Brazil: Implications for pegmatite genesis and economic potential. <i>Geochemical Journal</i> , 2019, 53, 151-170.	1.0	3
10	Parisite-(La), ideally Ca ₂ (CO ₃) ₃ F ₂ , a new mineral from Novo Horizonte, Bahia, Brazil. <i>Mineralogical Magazine</i> , 2018, 82, 133-144.	1.4	9
11	The Diamantina Monazite: A New Low-Th Reference Material for Microanalysis. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 25-47.	3.1	32
12	Wilancookite, (Ba, K, Na) ₈ (Ba, Li, □) ₆ Be ₂₄ P ₂₄ O ₉₆ ·32H ₂ O, a new beryllophosphate with a zeolite framework. <i>European Journal of Mineralogy</i> , 2017, 29, 923-930.	1.3	2
13	A New Appraisal of Sri Lankan Zircon as a Reference Material for LA–ICP–MS U–Pb Geochronology and Lu–Hf Isotope Tracing. <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 335-358.	3.1	135
14	Thermal analysis, X-ray diffraction and infrared emission spectroscopy of the borate mineral meyerhofferite CaB ₃ O ₃ (OH)5·H ₂ O. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 601-604.	3.6	4
15	Eleonorite, Fe ₆ ³⁺ (PO ₄) ₄ O(OH) ₄ ·6H ₂ O: validation as a mineral species and new data. <i>Mineralogical Magazine</i> , 2017, 81, 61-76.	1.4	11
16	Ferrorhodonite, CaMn ₃ Fe[Si ₅ O ₁₅], a new mineral species from Broken Hill, New South Wales, Australia. <i>Physics and Chemistry of Minerals</i> , 2017, 44, 323-334.	0.8	8
17	SEM, EDX and vibrational spectroscopic study of the carbonate mineral donnayite-(Y) NaCaSr ₃ Y(CO ₃) ₆ ·3H ₂ O. <i>Carbonates and Evaporites</i> , 2016, 31, 1-8.	1.0	2
18	The application of high-temperature X-ray diffraction and infrared emission spectroscopy to the thermal decomposition of krammite. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 126, 1089-1095.	3.6	3

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19	Magnesiovoltaite, $K_2Mg_5Fe_3 \cdot 3Al(SO_4)_2 \cdot 18H_2O$, a new mineral from the Alcaparrosa mine, Antofagasta region, Chile. <i>European Journal of Mineralogy</i> , 2016, 28, 1005-1017.	1.3	8
20	Vibrational spectroscopic study of the phosphate mineral kryzhanovskite and in comparison with reddingite-implications for the molecular structure. <i>Journal of Molecular Structure</i> , 2016, 1118, 203-211.	3.6	2
21	Thermal analysis and infrared emission spectroscopy of the borate mineral colemanite ($CaB_3O_4(OH)_3 \cdot H_2O$). <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 124, 131-135.	3.6	10
22	An assessment of monazite from the Itambã pegmatite district for use as U-Pb isotope reference material for microanalysis and implications for the origin of the Moacyr monazite. <i>Chemical Geology</i> , 2016, 424, 30-50.	3.3	94
23	A Raman and infrared spectroscopic study of the phosphate mineral laueite. <i>Vibrational Spectroscopy</i> , 2016, 82, 31-36.	2.2	13
24	A thermogravimetric, scanning electron microscope and vibrational spectroscopic study of the phosphate mineral santabarbaraite from Santa Barbara mine, Tuscany, Italy. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 124, 639-644.	3.6	2
25	Raman and infrared spectroscopic characterization of the arsenate-bearing mineral tangdanite- and in comparison with the discredited mineral clinotyrolite. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 920-926.	2.5	8
26	Almeidaite, $Pb(Mn,Y)Zn_2(Ti,Fe^{3+})_{18}O_{36}(O,OH)_2$, a new crichtonite-group mineral, from Novo Horizonte, Bahia, Brazil. <i>Mineralogical Magazine</i> , 2015, 79, 269-283.	1.4	14
27	Scanning electron microscopy with energy dispersive spectroscopy and Raman and infrared spectroscopic study of tilleyite $Ca_5Si_2O_7(CO_3)_2 \cdot Y$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 149, 333-337.	3.9	3
28	The molecular structure of the borate mineral szaibelyite $MgBO_2(OH)$ - A vibrational spectroscopic study. <i>Journal of Molecular Structure</i> , 2015, 1089, 20-24.	3.6	3
29	Infrared and Raman spectroscopic characterization of the carbonate bearing silicate mineral aerinite - Implications for the molecular structure. <i>Journal of Molecular Structure</i> , 2015, 1097, 1-5.	3.6	11
30	Spectroscopic characterisation of the LDH mineral quintinite $Mg_4Al_2(OH)_{12}CO_3 \cdot 3H_2O$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 758-764.	3.9	17
31	Pauloabibite, trigonal $NaNbO_3$, isostructural with ilmenite, from the Jacupiranga carbonatite, Cajati, Sao Paulo, Brazil. <i>American Mineralogist</i> , 2015, 100, 442-446.	1.9	7
32	A Vibrational Spectroscopic Study of the Silicate Mineral Kornerupine. <i>Spectroscopy Letters</i> , 2015, 48, 487-491.	1.0	4
33	Raman and infrared spectroscopic study of kamphaugite-(Y). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 143, 67-71.	3.9	2
34	Magnetite-hematite transformation: correlation between natural and synthetic features. <i>Mineralogy and Petrology</i> , 2015, 109, 329-337.	1.1	5
35	SEM, EDX and Raman and infrared spectroscopic study of brianyoungite $Zn_3(CO_3,SO_4)(OH)_4$ from Esperanza Mine, Laurion District, Greece. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 149, 279-284.	3.9	5
36	Optimization of the in-situ U-Pb age dating method via LA-Quadrupole-ICP-MS with applications to the timing of U-Zr-Mo mineralization in the Poços de Caldas Alkaline Complex, SE Brazil. <i>Journal of South American Earth Sciences</i> , 2015, 62, 70-79.	1.4	23

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37	Vibrational spectroscopic study of poldervaartite $\text{CaCa}[\text{SiO}_3(\text{OH})(\text{OH})]$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 827-831.	3.9	2
38	A SEM, EDS and vibrational spectroscopic study of the tellurite mineral: Sonoraite $\text{Fe}_3\text{Te}_4\text{O}_3(\text{OH})\cdot\text{H}_2\text{O}$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 147, 225-229.	3.9	4
39	Raman and Infrared Spectroscopic Characterization of the Silicate Mineral Lamprophyllite. <i>Spectroscopy Letters</i> , 2015, 48, 701-704.	1.0	1
40	Raman and Infrared Spectroscopic Study of the Borate Mineral Kaliborite. <i>Spectroscopy Letters</i> , 2015, 48, 712-716.	1.0	3
41	SEM, EDS and vibrational spectroscopic study of the sulphate mineral rostitite $\text{AlSO}_4(\text{OH},\text{F})\cdot 5(\text{H}_2\text{O})$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 151, 616-620.	3.9	7
42	A vibrational spectroscopic study of the phosphate mineral vantasselite $\text{Al}_4(\text{PO}_4)_3(\text{OH})_3\cdot 9\text{H}_2\text{O}$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 147, 185-192.	3.9	15
43	A Raman and infrared spectroscopic study of the sulphate mineral aluminite $\text{Al}_2(\text{SO}_4)(\text{OH})_4\cdot 7\text{H}_2\text{O}$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 148, 232-236.	3.9	12
44	A SEM, EDS and vibrational spectroscopic study of the clay mineral fraipontite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 147, 230-234.	3.9	3
45	Raman and infrared spectroscopic study of turquoise minerals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 149, 173-182.	3.9	19
46	SEM, EDX and vibrational spectroscopy of the phosphate mineral vauxite from Llallagua, Bolivia. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 151, 149-155.	3.9	3
47	A Raman and Infrared Spectroscopic Study of the Phosphate Mineral Pseudolaueite and in Comparison with Strunzite and Ferrostrunzite. <i>Journal of Chemical Crystallography</i> , 2015, 45, 391-400.	1.1	2
48	An SEM-EDX and Raman spectroscopic study of the fibrous arsenate mineral liskeardite and in comparison with other arsenates kaokite, scorodite and yvonite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 151, 566-575.	3.9	4
49	Structural characterization of the borate mineral inyoite $\text{CaB}_3\text{O}_3(\text{OH})_5\cdot 4(\text{H}_2\text{O})$. <i>Journal of Molecular Structure</i> , 2015, 1080, 99-104.	3.6	5
50	A vibrational spectroscopic study of the anhydrous phosphate mineral sidorenkite $\text{Na}_3\text{Mn}(\text{PO}_4)(\text{CO}_3)$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 930-934.	3.9	10
51	Vibrational Spectroscopy of the Borate Mineral Priceite: Implications for the Molecular Structure. <i>Spectroscopy Letters</i> , 2015, 48, 101-106.	1.0	4
52	SEM, EDS and vibrational spectroscopic study of dawsonite $\text{NaAl}(\text{CO}_3)(\text{OH})_2$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 918-923.	3.9	12
53	SEM, EDX and vibrational spectroscopic study of the mineral tunisite $\text{NaCa}_2\text{Al}_4(\text{CO}_3)_4\text{Cl}(\text{OH})_8$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 911-917.	3.9	2
54	An SEM, EDS and vibrational spectroscopic study of the silicate mineral meliphanite $(\text{Ca},\text{Na})_2\text{Be}[(\text{Si},\text{Al})_2\text{O}_6(\text{F},\text{OH})]$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 216-220.	3.9	5

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55	SEM, EDX and vibrational spectroscopic study of the phosphate mineral ushkovite $MgFe_{23+}(PO_4)_2(OH)_2 \cdot 8H_2O$ – Implications of the molecular structure. <i>Journal of Molecular Structure</i> , 2015, 1081, 329-333.	3.6	3
56	A vibrational spectroscopic study of the silicate mineral lomonosovite $Na_5Ti_2(Si_2O_7)(PO_4)_2O_2$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 134, 53-57.	3.9	5
57	A vibrational spectroscopic study of tenerite-(Y) $Y_2(CO_3)_3 \cdot 3H_2O$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 612-616.	3.9	3
58	A vibrational spectroscopic study of the silicate mineral pectolite – $NaCa_2Si_3O_8(OH)$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 134, 58-62.	3.9	11
59	A vibrational spectroscopic study of the silicate mineral normandite – $NaCa(Mn^{2+}, Fe^{2+})(Ti, Nb, Zr)Si_2O_7(O, F)_2$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 801-804.	3.9	3
60	A vibrational spectroscopic study of the copper bearing silicate mineral luddenite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 717-720.	3.9	2
61	A vibrational spectroscopic study of the silicate mineral harmotome – $(Ba, Na, K)_1-2(Si, Al)_8O_{16} \cdot 6H_2O$ – A natural zeolite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 70-74.	3.9	5
62	A Raman spectroscopic study of the arsenate mineral chenevixite $Cu_2Fe_{23+}(AsO_4)_2(OH)_4 \cdot H_2O$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 192-197.	3.9	2
63	SEM, EDX, Infrared and Raman spectroscopic characterization of the silicate mineral yuksporite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 607-611.	3.9	7
64	Vibrational Spectroscopic Characterization of the Sulphate-Carbonate Mineral Burkeite: Implications for Evaporites. <i>Spectroscopy Letters</i> , 2014, 47, 564-570.	1.0	7
65	Vibrational Spectroscopic Characterization of the Arsenate Mineral Barahonaite: Implications for the Molecular Structure. <i>Spectroscopy Letters</i> , 2014, 47, 571-578.	1.0	2
66	A vibrational spectroscopic study of the silicate mineral analcime – $Na_2(Al_4Si_4O_{40}) \cdot 2H_2O$ – A natural zeolite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 521-525.	3.9	10
67	The Molecular Structure of the Phosphate Mineral Åryrynenite: A Vibrational Spectroscopic Study. <i>Spectroscopy Letters</i> , 2014, 47, 253-260.	1.0	3
68	Vibrational spectroscopic characterization of the sulphate-halide mineral sulphohalite – Implications for evaporites. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 794-798.	3.9	4
69	A vibrational spectroscopic study of the borate mineral takedaite $Ca_3(BO_3)_2$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 132, 833-837.	3.9	10
70	The molecular structure of the phosphate mineral kidwellite $NaFe_{93+}(PO_4)_6(OH)_{11} \cdot 3H_2O$ – A vibrational spectroscopic study. <i>Journal of Molecular Structure</i> , 2014, 1074, 429-434.	3.6	2
71	A vibrational spectroscopic study of the phosphate mineral lulzacite $Sr_2Fe_2+(Fe^{2+}, Mg)_2Al_4(PO_4)_4(OH)_{10}$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 243-247.	3.9	2
72	Raman and infrared spectroscopic studies of phurcalite from Red Canyon, Utah, USA – Implications for the molecular structure. <i>Journal of Molecular Structure</i> , 2014, 1068, 14-19.	3.6	2

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73	A vibrational spectroscopic study of the phosphate mineral churchite (REE)(PO ₄) ₂ ·2H ₂ O. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 429-433.	3.9	8
74	The molecular structure of the phosphate mineral beraunite Fe ₂ +Fe ₃ +(PO ₄) ₄ (OH) ₅ ·4H ₂ O – A vibrational spectroscopic study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 408-412.	3.9	14
75	A vibrational spectroscopic study of a hydrated hydroxy-phosphate mineral fluellite, Al ₂ (PO ₄) ₂ (OH)·7H ₂ O. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 126, 157-163.	3.9	4
76	The molecular structure of the borate mineral rhodizite (K, Cs)Al ₄ Be ₄ (B, Be) ₁₂ O ₂₈ – A vibrational spectroscopic study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 291-294.	3.9	4
77	A vibrational spectroscopic study of the borate mineral ezcurrite Na ₄ B ₁₀ O ₁₇ ·7H ₂ O – Implications for the molecular structure. <i>Journal of Molecular Structure</i> , 2014, 1070, 45-51.	3.6	2
78	Infrared and Raman spectroscopic characterization of the borate mineral hydroboracite CaMg[B ₃ O ₄ (OH) ₃] ₂ ·3H ₂ O – Implications for the molecular structure. <i>Journal of Molecular Structure</i> , 2014, 1059, 20-26.	3.6	7
79	Vibrational spectroscopic study of the natural layered double hydroxide manasseite now defined as hydroalcite-2H – Mg ₆ Al ₂ (OH) ₁₆ [CO ₃] ₄ ·4H ₂ O. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 118, 187-191.	3.9	18
80	A vibrational spectroscopic study of the arsenate minerals cobaltkoritnigite and koritnigite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 125, 313-318.	3.9	4
81	A vibrational spectroscopic study of the phosphate mineral minyulite KAl ₂ (OH,F)(PO ₄) ₂ ·4(H ₂ O) and in comparison with wardite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 124, 34-39.	3.9	5
82	Vibrational spectroscopy of the borate mineral olshanskyite Ca ₃ [B(OH) ₄] ₄ (OH) ₂ . <i>Carbonates and Evaporites</i> , 2014, 29, 33-39.	1.0	4
83	Correianevesite, Fe ₂ +Mn ₂₂ +(PO ₄) ₂ ·3H ₂ O, a new reddingite-group mineral from the Cigana mine, Conselheiro Pena, Minas Gerais, Brazil. <i>American Mineralogist</i> , 2014, 99, 811-816.	1.9	8
84	Cesarferreiraite, Fe ₂ +Fe ₂₃ +(AsO ₄) ₂ (OH) ₂ ·8H ₂ O, from Eduardo mine, Conselheiro Pena, Minas Gerais, Brazil: Second arsenate in the laueite mineral group. <i>American Mineralogist</i> , 2014, 99, 607-611.	1.9	9
85	Raman spectroscopy of the arsenate minerals maxwellite and in comparison with tilasite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 123, 416-420.	3.9	4
86	A vibrational spectroscopic study of the phosphate mineral whiteite CaMn ⁺⁺ Mg ₂ Al ₂ (PO ₄) ₄ (OH) ₂ ·8(H ₂ O). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 124, 243-248.	3.9	29
87	Reply to the Comments on “A study of the phosphate mineral kapundaite NaCa(Fe ³⁺) ₄ (PO ₄) ₄ (OH) ₃ ·5(H ₂ O) using SEM/EDX and vibrational spectroscopic methods” by Frost et al. (2014). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 123, 526.	3.9	0
88	Structural characterization and vibrational spectroscopy of the arsenate mineral wendwilsonite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 118, 737-743.	3.9	3
89	Vibrational spectroscopy of the borate mineral tunellite SrB ₆ O ₉ (OH) ₂ ·3(H ₂ O) – Implications for the molecular structure. <i>Journal of Molecular Structure</i> , 2014, 1059, 40-43.	3.6	4
90	A Vibrational Spectroscopic Study of the Sulfate Mineral Glauberite. <i>Spectroscopy Letters</i> , 2014, 47, 740-745.	1.0	9

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91	Infrared and Raman Spectroscopic Characterization of the Borate Mineral Vonsenite. <i>Spectroscopy Letters</i> , 2014, 47, 512-517.	1.0	4
92	Rockbridgeite inclusion in rock crystal from Galileia region, Minas Gerais, Brazil. <i>European Journal of Mineralogy</i> , 2014, 25, 817-823.	1.3	2
93	Vibrational spectroscopy of the borate mineral chambersite $MnB_7O_{13}Cl$ – Implications for the molecular structure. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 120, 270-273.	3.9	4
94	Infrared and Raman Spectroscopic Characterization of the Silicate Mineral Gilalite $Cu_5Si_6O_{17} \cdot 7H_2O$. <i>Spectroscopy Letters</i> , 2014, 47, 488-493.	1.0	2
95	Assessment of the Molecular Structure of an Intermediate Member of the Triplite-Zwieselite Mineral Series: A Raman and Infrared Study. <i>Spectroscopy Letters</i> , 2014, 47, 214-222.	1.0	3
96	A vibrational spectroscopic study of the silicate mineral plumbophyllite $Pb_2Si_4O_{10} \cdot 2H_2O$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 665-670.	3.9	1
97	A Raman and infrared spectroscopic analysis of the phosphate mineral wardite $NaAl_3(PO_4)_2(OH)_4 \cdot 2(H_2O)$ from Brazil. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 126, 164-169.	3.9	9
98	The molecular structure of the vanadate mineral mottramite $[PbCu(VO_4)(OH)]$ from Tsumeb, Namibia – A vibrational spectroscopic study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 122, 252-256.	3.9	7
99	Vibrational spectroscopy of the sulphate mineral sturmanite from Kuruman manganese deposits, South Africa. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 24-30.	3.9	4
100	A vibrational spectroscopic study of the arsenate mineral bayldonite $(Cu,Zn)_3Pb(AsO_3OH)_2(OH)_2$ – A comparison with other basic arsenates. <i>Journal of Molecular Structure</i> , 2014, 1056-1057, 267-272.	3.6	7
101	Vibrational spectroscopic characterization of the phosphate mineral althausite $Mg_2(PO_4)(OH,F,O)$ – Implications for the molecular structure. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 120, 252-256.	3.9	6
102	A vibrational spectroscopic study of the silicate mineral inesite $Ca_2(Mn,Fe)_7Si_{10}O_{28}(OH) \cdot 5H_2O$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 207-211.	3.9	2
103	A Raman and infrared spectroscopic characterisation of the phosphate mineral phosphohedyphane $Ca_2Pb_3(PO_4)_3Cl$ from the Roote mine, Nevada, USA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 237-242.	3.9	6
104	Vibrational spectroscopy of the borate mineral gaudefroyite from Nâ€™Chwaning II mine, Kalahari, Republic of South Africa. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 120, 265-269.	3.9	4
105	A study of the phosphate mineral kapundaite $NaCa(Fe^{3+})_4(PO_4)_4(OH)_3 \cdot 5(H_2O)$ using SEM/EDX and vibrational spectroscopic methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 122, 400-404.	3.9	6
106	Vibrational spectroscopic study of the sulphate mineral glaucocerinite $(Zn,Cu)_{10}Al_6(SO_4)_3(OH)_{32} \cdot 18H_2O$ – A natural layered double hydroxide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 349-354.	3.9	9
107	Characterization of the sulphate mineral coquimbite, a secondary iron sulphate from Javier Ortega mine, Lucanas Province, Peru – Using infrared, Raman spectroscopy and thermogravimetry. <i>Journal of Molecular Structure</i> , 2014, 1063, 251-258.	3.6	17
108	Raman, infrared and near-infrared spectroscopic characterization of the herderite – hydroxylherderite mineral series. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 118, 430-437.	3.9	11

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110	A vibrational spectroscopic study of the silicate mineral ardennite-(As). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 118, 987-991.	3.9	8
111	A vibrational spectroscopic study of the phosphate mineral rimkorolgitite $(\text{Mg}, \text{Mn}^{2+})_5(\text{Ba}, \text{Tj})\text{ETQq1} \cdot 10.784314 \text{H}_2\text{O}$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 132, 762-766.	3.9	5
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