

Jakub Pláčil

List of Publications by Year in descending order

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Version: 2024-02-01

208
papers

2,231
citations

279798

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434195

31
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209
all docs

209
docs citations

209
times ranked

1252
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic properties of scorodite and parascorodite (FeAsO ₄ ·2H ₂ O), kaokite (FeAsO ₄ ·3.5H ₂ O), and FeAsO ₄ . Hydrometallurgy, 2012, 117-118, 47-56.	4.3	62
2	A Raman spectroscopic study of the different vanadate groups in solid-state compounds” model case: mineral phases vâ€šgnite [BaCu ₃ (VO ₄) ₂ (OH) ₂] and volborthite [Cu ₃ V ₂ O ₇ (OH) ₂ ·2H ₂ O]. Journal of Raman Spectroscopy, 2011, 42, 1701-1710.	2.5	60
3	Crystallographic computing system Jana2006: solution and refinement of twinned structures. Zeitschrift Fur Kristallographie - Crystalline Materials, 2016, 231, 583-599.	0.8	58
4	Arsenic-Rich Acid Mine Water with Extreme Arsenic Concentration: Mineralogy, Geochemistry, Microbiology, and Environmental Implications. Environmental Science & Technology, 2014, 48, 13685-13693.	10.0	49
5	Uranyl-oxide hydroxy-hydrate minerals: their structural complexity and evolution trends. European Journal of Mineralogy, 2018, 30, 237-251.	1.3	46
6	Raman spectroscopic study of a hydroxy-arsenate mineral containing bismuth”atelestite Bi ₂ O(OH)(AsO ₄). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 494-496.	3.9	39
7	Sejkoraite-(Y), a new member of the zippeite group containing trivalent cations from Jachymov (St.) Tj ETQq1 1 0.784314 rgBT /Overlaid 2011, 96, 983-991.	1.9	38
8	Raman spectroscopic study of the uranyl sulphate mineral zippeite: low wavenumber and U”O stretching regions. Analytical and Bioanalytical Chemistry, 2010, 397, 2703-2715.	3.7	37
9	Raman microscopy of the mixite mineral BiCu ₆ (AsO ₄) ₃ (OH) ₆ ·3H ₂ O from the Czech Republic. Journal of Raman Spectroscopy, 2010, 41, 566-570.	2.5	30
10	Dussertite BaFe ³⁺ ₃ (AsO ₄) ₂ (OH) ₅ ”a Raman spectroscopic study of a hydroxy”arsenate mineral. Journal of Raman Spectroscopy, 2011, 42, 56-61.	2.5	30
11	Raman and infrared study of phyllosilicates containing heavy metals (Sb, Bi): bismutoferrite and chapmanite. Journal of Raman Spectroscopy, 2010, 41, 814-819.	2.5	29
12	Structural complexity of natural uranyl sulfates. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 39-48.	1.1	29
13	Meisserite, Na ₅ (UO ₂)(SO ₄) ₃ (SO ₃ OH)(H ₂ O), a new uranyl sulfate mineral from the Blue Lizard mine, San Juan County, Utah, USA. Mineralogical Magazine, 2013, 77, 2975-2988.	1.4	28
14	Ewingite: Earth”s most complex mineral. Geology, 2017, 45, 1007-1010.	4.4	28
15	A vibrational spectroscopic study of hydrated Fe ³⁺ hydroxyl-sulfates; polymorphic minerals butlerite and parabutlerite. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 1356-1363.	3.9	26
16	Adolfpateraite, K(UO ₂)(SO ₄)(OH)(H ₂ O), a new uranyl sulphate mineral from Jachymov, Czech Republic. American Mineralogist, 2012, 97, 447-454.	1.9	26
17	Crystal structure, thermodynamic properties, and paragenesis of bukovsk^ yacute;ite, Fe ₂ (AsO ₄)(SO ₄)(OH)^ ^middot;9H ₂ O. Journal of Mineralogical and Petrological Sciences, 2012, 107, 133-148.	0.9	25
18	Bobcookite, NaAl(UO ₂) ₂ (SO ₄) ₄ ·18H ₂ O and wetherillite, Na ₂ Mg(UO ₂) ₂ (SO ₄) ₄ ·18H ₂ O, two new uranyl sulfate minerals from the Blue Lizard mine, San Juan County, Utah, USA. Mineralogical Magazine, 2015, 79, 695-714.	1.4	25

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19	Raman spectroscopy of the basic copper arsenate mineral: euchroite. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 571-575.	2.5	24
20	Mathesiusite, $K_5(UO_2)_4(SO_4)_4(VO_5)(H_2O)_4$, a new uranyl vanadate-sulfate from Jachymov, Czech Republic. <i>American Mineralogist</i> , 2014, 99, 625-632.	1.9	24
21	Crystal structure, hydrogen bonding, mechanical properties and Raman spectrum of the lead uranyl silicate monohydrate mineral kasolite. <i>RSC Advances</i> , 2019, 9, 15323-15334.	3.6	24
22	Synthesis, crystal structure and transport properties of skutterudite-related $CoSn_{1.5}Se_{1.5}$. <i>Journal of Alloys and Compounds</i> , 2009, 479, 102-106.	5.5	23
23	Thermodynamic Properties and Phase Equilibria of the Secondary Copper Minerals Libethenite, Olivenite, Pseudomalachite, Kratochvílkite, Cyanochroite, and Devilline. <i>Canadian Mineralogist</i> , 2015, 53, 937-960.	1.0	23
24	Selenide Mineralization in the Příbram Uranium and Base-Metal District (Czech Republic). <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 91.	2.0	23
25	Structural complexity of uranophane and uranophane- β : implications for their formation and occurrence. <i>European Journal of Mineralogy</i> , 2018, 30, 253-257.	1.3	23
26	Fermitite, $Na_4(UO_2)_2(SO_4)_3 \cdot 3H_2O$ and oppenheimerite, $Na_2(UO_2)_2(SO_4)_2 \cdot 3H_2O$, two new uranyl sulfate minerals from the Blue Lizard mine, San Juan County, Utah, USA. <i>Mineralogical Magazine</i> , 2015, 79, 1123-1142.	1.4	22
27	THE CRYSTAL STRUCTURE OF NATURAL ZIPPEITE, $K_{1.85}H_{0.15}[(UO_2)_4O_2(SO_4)_2(OH)_2](H_2O)_4$, FROM JACHYMOV, CZECH REPUBLIC. <i>Canadian Mineralogist</i> , 2011, 49, 1089-1103.	1.0	20
28	Klaprothite, pöligotite and ottohahnite, three new minerals with bidentate UO_7 – SO_4 linkages from the Blue Lizard mine, San Juan County, Utah, USA. <i>Mineralogical Magazine</i> , 2017, 81, 753-779.	1.4	20
29	Thermodynamics, crystal chemistry and structural complexity of the $Fe(SO_4)(OH)(H_2O)_x$ phases: Fe(SO ₄)(OH), metahohmannite, butlerite, parabutlerite, amarantite, hohmannite, and fibroferrite. <i>European Journal of Mineralogy</i> , 2018, 30, 259-275.	1.3	20
30	The layered uranyl silicate mineral uranophane- β : crystal structure, mechanical properties, Raman spectrum and comparison with the β -polymorph. <i>Dalton Transactions</i> , 2019, 48, 16722-16736.	3.3	20
31	Raman spectroscopic study of the phosphate mineral churchite $Y_2YPO_4 \cdot 2H_2O$. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 202-206.	2.5	19
32	Raman spectroscopic study of the hydrogen arsenate mineral pharmacolite $Ca(AsO_3OH) \cdot 2H_2O$ implications for aquifer and sediment remediation. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 1348-1352.	2.5	19
33	Leydetite, $Fe(UO_2)_2(SO_4)_2 \cdot (H_2O)_{11}$, a new uranyl sulfate mineral from Mas d'Alary, Lorraine, France. <i>Mineralogical Magazine</i> , 2013, 77, 429-441.	1.4	19
34	Raman spectroscopic study of the hydroxy-phosphate mineral plumbogummite $PbAl_3(PO_4)_2(OH, H_2O)_6$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 103, 431-434.	3.9	19
35	Báhounekite, $U(SO_4)_2 \cdot (H_2O)_4$, from Jachymov (St. Tj) ETQq1 1 0.784314 rgBT. <i>Mineralogical Magazine</i> , 2011, 75, 2739-2753.	1.4	18
36	Crystal structure and formula revision of deliensite, $Fe[(UO_2)_2(SO_4)_2(OH)_2](H_2O)_7$. <i>Mineralogical Magazine</i> , 2012, 76, 2837-2860.	1.4	18

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37	Crystal structure of pseudojohannite, with a revised formula, $\text{Cu}_3(\text{OH})_2[(\text{UO}_2)_4\text{O}_4(\text{SO}_4)_2](\text{H}_2\text{O})_{12}$. <i>American Mineralogist</i> , 2012, 97, 1796-1803.	1.9	17
38	Crystal structure of lead uranyl carbonate mineral widenmannite: Precession electron-diffraction and synchrotron powder-diffraction study. <i>American Mineralogist</i> , 2014, 99, 276-282.	1.9	17
39	Belakovskite, $\text{Na}_7(\text{UO}_2)_2(\text{SO}_4)_4(\text{SO}_3\text{OH})(\text{H}_2\text{O})_3$, a new uranyl sulfate mineral from the Blue Lizard mine, San Juan County, Utah, USA. <i>Mineralogical Magazine</i> , 2014, 78, 639-649.	1.4	17
40	Crystal structure of the uranyl-oxide mineral rameauite. <i>European Journal of Mineralogy</i> , 2016, 28, 959-967.	1.3	17
41	Shumwayite, $[(\text{UO}_2)_2(\text{SO}_4)_4(\text{H}_2\text{O})_2]_2 \cdot \text{H}_2\text{O}$, a new uranyl sulfate mineral from Red Canyon, San Juan County, Utah, USA. <i>Mineralogical Magazine</i> , 2017, 81, 273-285.	1.4	17
42	Crystal Chemistry and Structural Complexity of Natural and Synthetic Uranyl Selenites. <i>Crystals</i> , 2019, 9, 639.	2.2	17
43	Mitrofanovite, Pt_3Te_4 , a new mineral from the East Chuqu deposit, Fedorovo "Pana intrusion, Kola Peninsula, Russia. <i>Mineralogical Magazine</i> , 2019, 83, 523-530.	1.4	17
44	Raman spectroscopy of hydrogen-arsenate group (AsO_3OH) in solid-state compounds: cobalt mineral phase burgessite $\text{Co}_2(\text{H}_2\text{O})_4[\text{AsO}_3\text{OH}]_2 \cdot \text{H}_2\text{O}$. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 214-218.	2.5	16
45	Crystal Chemistry and Structural Complexity of the Uranyl Carbonate Minerals and Synthetic Compounds. <i>Crystals</i> , 2021, 11, 704.	2.2	16
46	Raman spectroscopic study of the uranyl carbonate mineral jejkaitite and its comparison with synthetic trigonal $\text{Na}_4[\text{UO}_2(\text{CO}_3)_3]$. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 459-464.	2.5	15
47	Manganoblindite, $\text{Na}_2\text{Mn}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$, and cobaltoblindite, $\text{Na}_2\text{Co}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$: two new members of the blindite group from the Blue Lizard mine, San Juan County, Utah, USA. <i>Mineralogical Magazine</i> , 2013, 77, 367-383.	1.4	15
48	Revision of the crystal structure and chemical formula of haiweeite, $\text{Ca}(\text{UO}_2)_2(\text{Si}_5\text{O}_{12})(\text{OH})_2 \cdot 6\text{H}_2\text{O}$. <i>American Mineralogist</i> , 2013, 98, 718-723.	1.9	15
49	Geschieberite, $\text{K}_2(\text{UO}_2)(\text{SO}_4)_2(\text{H}_2\text{O})_2$, a new uranyl sulfate mineral from Jáchymov. <i>Mineralogical Magazine</i> , 2015, 79, 205-216.	1.4	15
50	Redefinition of thalénite-(Y) and discreditation of fluorthalénite-(Y): A re-investigation of type material from the Åsterby pegmatite, Dalarna, Sweden, and from additional localities. <i>Mineralogical Magazine</i> , 2015, 79, 965-983.	1.4	15
51	Hakite from Pátek, Czech Republic: compositional variability, crystal structure and the role in Se mineralization. <i>Mineralogical Magazine</i> , 2016, 80, 1115-1128.	1.4	15
52	Mineralogy, Crystallography and Structural Complexity of Natural Uranyl Silicates. <i>Minerals (Basel)</i> , 2020, 10, 15.	2.0	15
53	Gadolinite-(Nd), a new member of the gadolinite supergroup from Fe-REE deposits of Bastnäs-type, Sweden. <i>Mineralogical Magazine</i> , 2018, 82, S133-S145.	1.4	15
54	A Raman and infrared spectroscopic study of Ca^{2+} dominant members of the mixite group from the Czech Republic. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 1154-1159.	2.5	14

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55	ÅtÄpite, $U(AsO_3OH)_2 \cdot 4H_2O$, from JÄchymov, Czech Republic: the first natural arsenate of tetravalent uranium. <i>Mineralogical Magazine</i> , 2013, 77, 137-152.	1.4	14
56	The crystal structure of rabejacite, the Ca^{2+} -dominant member of the zippeite group. <i>Mineralogical Magazine</i> , 2014, 78, 1249-1264.	1.4	14
57	PERMINGEATITE, Cu_3SbSe_4 , FROM PÄÄBRAM (CZECH REPUBLIC): DESCRIPTION AND RAMAN SPECTROSCOPY INVESTIGATIONS OF THE LUZONITE-SUBGROUP OF MINERALS. <i>Canadian Mineralogist</i> , 2014, 52, 501-511.	1.0	14
58	Plavnoite, a new $K^{+}Mn$ member of the zippeite group from JÄchymov, Czech Republic. <i>European Journal of Mineralogy</i> , 2017, 29, 117-128.	1.3	14
59	Gauthierite, $KPb[(UO_2)_7O_5(OH)_7] \cdot 8H_2O$, a new uranyl-oxide hydroxy-hydrate mineral from Shinkolobwe with a novel uranyl-anion sheet-topology. <i>European Journal of Mineralogy</i> , 2017, 29, 129-141.	1.3	14
60	Micro-Raman spectroscopy of natural members along $CuSbS_2$ - $CuSbSe_2$ join. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 1364-1372.	2.5	14
61	Raman spectroscopy of hydrogen arsenate group (AsO_3OH) in solid-state compounds: copper mineral phase geminite $Cu(AsO_3OH) \cdot H_2O$ from different geological environments. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 1038-1043.	2.5	13
62	langreyite: a new secondary phosphate mineral closely related to perhamite. <i>Mineralogical Magazine</i> , 2011, 75, 327-336.	1.4	13
63	Raman spectroscopy of hydrogen arsenate group (AsO_3OH) in solid-state compounds: cobalt-containing zinc arsenate mineral, koritnigite $(Zn,Co)(AsO_3OH) \cdot H_2O$. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 534-539.	2.5	13
64	The crystal structure of magnesiozippeite, $Mg[(UO_2)_2O_2(SO_4)](H_2O)_{3.5}$, from East Saddle Mine, San Juan County, Utah (U.S.A.). <i>Mineralogy and Petrology</i> , 2013, 107, 211-219.	1.1	13
65	Ammoniozippeite, a New Uranyl Sulfate Mineral from the Blue Lizard Mine, San Juan County, Utah, and the Burro Mine, San Miguel County, Colorado, USA. <i>Canadian Mineralogist</i> , 2018, 56, 235-245.	1.0	13
66	A Raman spectroscopic study of $M^{2+}M^{3+}$ sulfate minerals, rÄmerite $Fe_2+Fe^{23+}(SO_4)_4 \cdot 14H_2O$ and botryogen $Mg_2+Fe^{3+}(SO_4)_2(OH) \cdot 7H_2O$. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 825-830.	2.5	12
67	Reinvestigation of the crystal structure of kasolite, $Pb[(UO_2)(SiO_4)](H_2O)$, an important alteration product of uraninite, $UO_2 \cdot x$. <i>Journal of Nuclear Materials</i> , 2013, 434, 461-467.	2.7	12
68	Hydroniumjarosite, $(H_3O)^+Fe_3(SO_4)_2(OH)_6$, from Cerros Pintados, Chile: Single-crystal X-ray diffraction and vibrational spectroscopic study. <i>Mineralogical Magazine</i> , 2014, 78, 535-547.	1.4	12
69	Vorontsovite, $(Hg_5Cu)_{16}TlAs_4S_{12}$, and Ferrovorontsovite, $(Fe_5Cu)_{16}TlAs_4S_{12}$: The Tl- and Tl-Fe-Analogues of Galkhaite from the Vorontsovskoe Gold Deposit, Northern Urals, Russia. <i>Minerals (Basel)</i> , 2018, 8, 1075.	0.7	10
70	Raman spectroscopic study of the uranyl mineral pseudojohannite $Cu_{6.5}[(UO_2)_4O_4(SO_4)_2(OH)_5]$. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 1816-1821.	1.5	10
71	VysokÄzite, $U_4+[AsO_2(OH)_2]_4 \cdot 4H_2O$, a new mineral from JÄchymov, Czech Republic. <i>Mineralogical Magazine</i> , 2013, 77, 3055-3066.	1.4	11
72	Crystal structure of $Fe_2(AsO_4)(HASO_4)(OH)(H_2O)_3$, a dehydration product of kaÄkrite. <i>European Journal of Mineralogy</i> , 2016, 28, 63-70.	1.3	11

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73	Přábramite, CuSbSe_2 , the Se-analogue of chalcostibite, a new mineral from Přábram, Czech Republic. <i>European Journal of Mineralogy</i> , 2017, 29, 653-661.	1.3	11
74	Leštilárdite, the first Na,Mg-containing uranyl carbonate from the Markey Mine, San Juan County, Utah, USA. <i>Mineralogical Magazine</i> , 2017, 81, 1039-1050.	1.4	11
75	Crystal structure of vyacheslavite, $\text{U}(\text{PO}_4)_4(\text{OH})$, solved from natural nanocrystal: a precession electron diffraction tomography (PEDT) study and DFT calculations. <i>RSC Advances</i> , 2019, 9, 19657-19661.	3.6	11
76	Uranosphaerite: Crystal structure, hydrogen bonding, mechanics, infrared and Raman spectroscopy and thermodynamics. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 141, 109400.	4.0	11
77	Lánekite, $\text{K}_2\text{Ca}_3[(\text{UO}_2)(\text{CO}_3)_3] \cdot 2.8\text{H}_2\text{O}$, a new uranyl carbonate mineral from Jáchymov, Czech Republic. <i>Journal of Geosciences (Czech Republic)</i> , 2017, , 201-213.	0.6	11
78	Synthesis, crystal structure and thermoelectric properties of the ternary skutterudite $\text{Fe}_2\text{Pd}_2\text{Sb}_{12}$. <i>Journal of Alloys and Compounds</i> , 2010, 493, 50-54.	5.5	10
79	Crystal structure of richetite revisited: Crystallographic evidence for the presence of pentavalent uranium. <i>American Mineralogist</i> , 2017, 102, 1771-1775.	1.9	10
80	Tsygankoite, $\text{Mn}_8\text{Tl}_8\text{Hg}_2(\text{Sb}_{21}\text{Pb}_{2\text{Tl}})\text{S}_{48}$, a New Sulfosalt from the Vorontsovskoe Gold Deposit, Northern Urals, Russia. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 218.	2.0	10
81	Structural, mechanical, spectroscopic and thermodynamic characterization of the copper-uranyl tetrahydroxide mineral vandenbrandeite. <i>RSC Advances</i> , 2019, 9, 40708-40726.	3.6	10
82	Uroxite and metauroxite, the first two uranyl oxalate minerals. <i>Mineralogical Magazine</i> , 2020, 84, 131-141.	1.4	10
83	Crystal Structure, Infrared Spectrum and Elastic Anomalies in Tuperssuatsiaite. <i>Scientific Reports</i> , 2020, 10, 7510.	3.3	10
84	Full crystal structure, hydrogen bonding and spectroscopic, mechanical and thermodynamic properties of mineral uranopilite. <i>RSC Advances</i> , 2020, 10, 31947-31960.	3.6	10
85	Gladkovskyite, $\text{MnTlAs}_3\text{S}_6$, a new thallium sulfosalt from the Vorontsovskoe gold deposit, Northern Urals, Russia. <i>Journal of Geosciences (Czech Republic)</i> , 2019, , 207-218.	0.6	10
86	Crystal structure determination of CoGeTe from powder diffraction data. <i>Journal of Alloys and Compounds</i> , 2008, 460, 155-159.	5.5	9
87	ONDRUSITE, $\text{CaCu}_4(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2 \cdot 10\text{H}_2\text{O}$, A NEW MINERAL SPECIES FROM THE JACHYMOV ORE DISTRICT, CZECH REPUBLIC: DESCRIPTION AND CRYSTAL-STRUCTURE DETERMINATION. <i>Canadian Mineralogist</i> , 2011, 49, 885-897.	1.0	9
88	LITOCHELBITE, $\text{Ag}_2\text{PbBi}_4\text{Se}_8$, A NEW SELENIDE MINERAL SPECIES FROM ZALESI, CZECH REPUBLIC: DESCRIPTION AND CRYSTAL STRUCTURE. <i>Canadian Mineralogist</i> , 2011, 49, 639-650.	1.0	9
89	Hloučánekite, $(\text{Ni},\text{Co})\text{Cu}_4(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2(\text{H}_2\text{O})_9$, a new member of the lindackerite supergroup from Jáchymov, Czech Republic. <i>Mineralogical Magazine</i> , 2014, 78, 1341-1353.	1.4	9
90	Nestolaite, $\text{CaSeO}_3 \cdot \text{H}_2\text{O}$, a new mineral from the Little Eva mine, Grand County, Utah, USA. <i>Mineralogical Magazine</i> , 2014, 78, 497-505.	1.4	9

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91	Thermodynamics, stability, crystal structure, and phase relations among euchroite, $\text{Cu}_2(\text{AsO}_4)(\text{OH})\cdot 3\text{H}_2\text{O}$, and related minerals. <i>European Journal of Mineralogy</i> , 2017, 29, 5-16.	1.3	9
92	Paddlewheelite, a New Uranyl Carbonate from the Jáchymov District, Bohemia, Czech Republic. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 511.	2.0	9
93	Greenlizardite, $(\text{NH}_4)_2\text{Na}(\text{UO}_2)_2(\text{SO}_4)_2(\text{OH})_2\cdot 4\text{H}_2\text{O}$, a new mineral with phosphuranylite-type uranyl sulfate sheets from Red Canyon, San Juan County, Utah, USA. <i>Mineralogical Magazine</i> , 2018, 82, 401-411.	1.4	9
94	Magnesiolydetite and strâmannite, two new uranyl sulfate minerals with sheet structures from Red Canyon, Utah. <i>Mineralogical Magazine</i> , 2019, 83, 349-360.	1.4	9
95	Revealing hydrogen atoms in a highly-absorbing material: an X-ray diffraction study and Torque method calculations for lead-uranyl-oxide mineral curite. <i>RSC Advances</i> , 2019, 9, 10058-10063.	3.6	9
96	Luborâjkite, $\text{Mn}_2\text{AsSb}_5\text{S}_5$, a new member of pavonite homologous series from Vorontsovskoe gold deposit, Northern Urals, Russia. <i>Mineralogical Magazine</i> , 2020, 84, 738-745.	1.4	9
97	The new K, Pb-bearing uranyl-oxide mineral kroupaite: Crystal-chemical implications for the structures of uranyl-oxide hydroxy-hydrates. <i>American Mineralogist</i> , 2020, 105, 561-568.	1.9	9
98	The crystal structures and mechanical properties of the uranyl carbonate minerals roubaultite, fontanite, sharpite, widenmannite, grimselite and âejkaite. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4197-4221.	6.0	9
99	PASAVAITE, $\text{Pd}_3\text{Pb}_2\text{Te}_2$, A NEW PLATINUM-GROUP MINERAL SPECIES FROM THE NORIL'SK-TALNAKH Ni-Cu CAMP, RUSSIA. <i>Canadian Mineralogist</i> , 2009, 47, 53-62.	1.0	8
100	Crystal structure of $\text{UO}_2\text{SO}_4\cdot 2.5\text{H}_2\text{O}$: Full anisotropic refinement and vibration characteristics. <i>Journal of Molecular Structure</i> , 2009, 936, 75-79.	3.6	8
101	CHARACTERIZATION OF PHOSPHATE-RICH METALODEVITE FROM PRIBRAM, CZECH REPUBLIC. <i>Canadian Mineralogist</i> , 2010, 48, 113-122.	1.0	8
102	Widenmannite, a rare uranyl lead carbonate: occurrence, formation and characterization. <i>Mineralogical Magazine</i> , 2010, 74, 97-110.	1.4	8
103	Revision of the crystal structure and chemical formula of weeksite, $\text{K}_2(\text{UO}_2)_2(\text{Si}_5\text{O}_{13})\cdot 4\text{H}_2\text{O}$. <i>American Mineralogist</i> , 2012, 97, 750-754.	1.9	8
104	Actinides in Geology, Energy, and the Environment: Revision of the symmetry and the crystal structure of cejkaite, $\text{Na}_4(\text{UO}_2)(\text{CO}_3)_3$. <i>American Mineralogist</i> , 2013, 98, 549-553.	1.9	8
105	Could incommensurability in sulfosalts be more common than thought? The case of meneghinite, $\text{CuPb}_{13}\text{Sb}_7\text{S}_{24}$. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 369-376.	1.1	8
106	Alwilkinsite-(Y), a new rare-earth uranyl sulfate mineral from the Blue Lizard mine, San Juan County, Utah, USA. <i>Mineralogical Magazine</i> , 2017, 81, 895-907.	1.4	8
107	Maletoyvayamite, $\text{Au}_3\text{Se}_4\text{Te}_6$, a new mineral from Maletoyvayam deposit, Kamchatka peninsula, Russia. <i>Mineralogical Magazine</i> , 2020, 84, 117-123.	1.4	8
108	Hydrogen disorder in kaatialaite $\text{Fe}[\text{AsO}_2(\text{OH})_2]_5\text{H}_2\text{O}$ from Jáchymov, Czech Republic: determination from low-temperature 3D electron diffraction. <i>IUCr</i> , 2021, 8, 116-123.	2.2	8

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