

Jan CempÅ-rek

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cellerite, $\text{Ca}_{1-x}(\text{Mn}_{22+x}\text{Al})\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$, a new mineral species of the tourmaline supergroup. <i>American Mineralogist</i> , 2022, 107, 31-42.	1.9	6
2	Uvite, $\text{CaMg}_3(\text{Al}_5\text{Mg})(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$, a new, but long-anticipated mineral species of the tourmaline supergroup from San Piero in Campo, Elba Island, Italy. <i>Mineralogical Magazine</i> , 2022, 86, 767-776.	1.4	2
3	Boron isotopic variations in tourmaline from metacarbonates and associated calc-silicate rocks from the Bohemian Massif: Constraints on boron recycling in the Variscan orogen. <i>Geoscience Frontiers</i> , 2021, 12, 219-230.	8.4	5
4	A Crystallographically Supported Equation for Calculating Water in Emerald from the Sodium Content. <i>Canadian Mineralogist</i> , 2021, 59, 337-354.	1.0	4
5	Magnesio-lucchesiite, $\text{CaMg}_3\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$, a new species of the tourmaline supergroup. <i>American Mineralogist</i> , 2021, 106, 862-871.	1.9	4
6	Geochronology, petrology, and lithium isotope geochemistry of the Bailongshan granite-pegmatite system, northern Tibet: Implications for the ore-forming potential of pegmatites. <i>Chemical Geology</i> , 2021, 584, 120484.	3.3	20
7	Scandium distribution in the world-class Li-Sn-W Čáňov greisen-type deposit: Result of a complex magmatic to hydrothermal evolution, implications for scandium valorization. <i>Ore Geology Reviews</i> , 2021, 139, 104433.	2.7	6
8	Petrographic and Sr- ¹⁴³ Nd- ²⁰⁶ Pb- ⁷ Li isotope characteristics of a complex lamproite intrusion from the Saxo-Thuringian Zone: A unique example of peralkaline mantle-derived melt differentiation. <i>Lithos</i> , 2020, 374-375, 105735.	1.4	11
9	Geochronology and petrogenesis of orthogneisses from the Pacov body: implications for the subdivision of the Cambro-Ordovician peraluminous magmatism and related mineralizations in the Monotonous and Varied units of the Moldanubian Zone (Bohemian Massif). <i>Mineralogy and Petrology</i> , 2020, 114, 175-197.	1.1	2
10	Foreword to the special issue arising from the 9th European Conference on Mineralogy and Spectroscopy. <i>Journal of Geosciences (Czech Republic)</i> , 2020, , 1-2.	0.6	0
11	Secondary beryl in cordierite/sekaninaite pseudomorphs from granitic pegmatites – A monitor of elevated content of beryllium in the precursor. <i>Canadian Mineralogist</i> , 2020, 58, 785-802.	1.0	3
12	Titanium in tourmalines from granitic pegmatites and their exocontacts. <i>Canadian Mineralogist</i> , 2019, 57, 745-747.	1.0	1
13	Emerald from the Anuri Prospect, Nunavut, Canada. <i>Journal of Gemmology</i> , 2019, 36, 584-585.	0.2	2
14	GEOCHEMISTRY AND SECONDARY ALTERATIONS OF MICROLITE FROM ELUVIAL DEPOSITS IN THE NUMBI MINING AREA, SOUTH KIVU, DEMOCRATIC REPUBLIC OF THE CONGO. <i>Canadian Mineralogist</i> , 2018, 56, 203-220.	1.0	6
15	Mineralogy of Ti-bearing, Al-deficient tourmaline assemblages associated with lamprophyre dikes near the O'Grady Batholith, Northwest Territories, Canada. <i>Journal of Geosciences (Czech Republic)</i> , 2018, 52, 1-14.	1.0	1
16	The crystal chemistry of the sakhaite-harkerite solid solution. <i>American Mineralogist</i> , 2018, , .	1.9	1
17	Foreword to the special issue arising from the international conference "Tourmaline 2017". <i>Journal of Geosciences (Czech Republic)</i> , 2018, , 75-76.	0.6	0
18	Lucchesiite, $\text{CaFe}_2(\text{Al}_6)(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3$, a new mineral species of the tourmaline supergroup. <i>Mineralogical Magazine</i> , 2017, 81, 1-14.	1.9	1

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19	Origin Of Scapolite-Hosted Sapphire (Corundum) Near Kimmirut, Baffin Island, Nunavut, Canada. Canadian Mineralogist, 2017, 55, 669-699.	1.0	10
20	Genesis of Emerald-Bearing Quartz Veins Associated With the Lened W-Skarn Mineralization, Northwest Territories, Canada. Canadian Mineralogist, 2017, 55, 561-593.	1.0	11
21	Mineralogy of the Ash Mountain Sn-Bearing Skarn, Tuya Range, Northern British Columbia, Canada. Canadian Mineralogist, 2017, 55, 333-347.	1.0	2
22	Vr̄naite, ideally $\text{Al}_{16}\text{B}_4\text{Si}_4\text{O}_{38}$, a new mineral related to boralsilite, $\text{Al}_{16}\text{B}_6\text{Si}_2\text{O}_{37}$, from the Manjaka pegmatite, Sahatany Valley, Madagascar. American Mineralogist, 2016, 101, 2108-2117.	1.9	18
23	Crystallographic control on lithium isotope fractionation in Archean to Cenozoic lithium-cesium-tantalum pegmatites. Geology, 2016, 44, 655-658.	4.4	33
24	A combined EMPA and LA-ICP-MS study of Li-bearing mica and Sn–Ti oxide minerals from the Qiguling topaz rhyolite (Qitianling District, China): The role of fluorine in origin of tin mineralization. Ore Geology Reviews, 2015, 65, 779-792.	2.7	39
25	Sc- and REE-rich tourmaline replaced by Sc-rich REE-bearing epidote-group mineral from the mixed (NYF+LCT) Kracovice pegmatite (Moldanubian Zone, Czech Republic). American Mineralogist, 2015, 100, 1434-1451.	1.9	26
26	BORALSILITE AND Li,Be-BEARING $\text{Al}_8\text{B}_2\text{Si}_2\text{O}_{19}$, BREAKDOWN PRODUCTS OF SPODUMENE FROM THE MANJAKA PEGMATITE, SAHATANY VALLEY, MADAGASCAR. Canadian Mineralogist, 2015, 53, 357-374.	1.0	7
27	MINERALOGY AND GEOCHEMISTRY OF PEGMATITES ON MOUNT BEGBIE, BRITISH COLUMBIA. Canadian Mineralogist, 2014, 52, 129-164.	1.0	20
28	MINERAL ASSEMBLAGES, COMPOSITIONAL VARIATION, AND CRYSTAL STRUCTURE OF FERUVITIC TOURMALINE FROM A CONTAMINATED ANATECTIC PEGMATITE AT MIROÁOV NEAR STRÁÁEK, MOL DANUBIAN ZONE, CZECH REPUBLIC. Canadian Mineralogist, 2014, 52, 285-301.	1.0	7
29	Origin of gem corundum in calcite marble: The Revelstoke occurrence in the Canadian Cordillera of British Columbia. Lithos, 2014, 198-199, 281-297.	1.4	12
30	Fe-rich and As-bearing vesuvianite and wiluite from Kozlov, Czech Republic. American Mineralogist, 2013, 98, 1330-1337.	1.9	14
31	Oxy-schorl, $\text{Na}(\text{Fe}_2+2\text{Al})\text{Al}_6\text{Si}_6\text{O}_{18}(\text{BO}_3)_3(\text{OH})_3\text{O}$, a new mineral from Zlata Idka, Slovak Republic and Pribyslavice, Czech Republic. American Mineralogist, 2013, 98, 485-492.	1.9	30
32	S,F,Cl-rich Mineral Assemblages from Burned Spoil Heaps in the Rosice-Oslavany Coalfield, Czech Republic. Canadian Mineralogist, 2013, 51, 171-188.	1.0	12
33	Note on the formula of brunogeierite and the first bond-valence parameters for Ge ²⁺ . Journal of Geosciences (Czech Republic), 2013, , 71-74.	0.6	11
34	Geological position, mineral assemblages and contamination of granitic pegmatites in the Moldanubian Zone, Czech Republic; examples from the VlastÁjovice region. Journal of Geosciences (Czech Republic), 2013, , 21-47.	0.6	29
35	Mineralogy and Origin of the Dumortierite-Bearing Pegmatites of Viorco, San Luis, Argentina. Canadian Mineralogist, 2012, 50, 873-894.	1.0	17
36	Unusual mineralization with niobian titanite and Bi-tellurides in scheelite skarn from KamennÁ doly quarry near PÁsek, Moldanubian Zone, Bohemian Massif. Journal of Geosciences (Czech Republic), 2012, , 1-16.	0.6	6

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37	Allanite-(Nd), $\text{CaNdAl}_2\text{Fe}_{2+}(\text{SiO}_4)(\text{Si}_2\text{O}_7)\text{O}(\text{OH})$, a new mineral from Askagen, Sweden. <i>American Mineralogist</i> , 2012, 97, 983-988.	1.9	17
38	Magnesian tourmalines from plagioclase-muscovite-scapolite metaevaporite layers in dolomite marble near Prosetín (Olešnice Unit, Moravicum, Czech Republic). <i>Journal of Geosciences (Czech Republic)</i> , 2012, , 143-153.	0.6	17
39	Geochemical and mineralogical control on the mobility of arsenic in a waste rock pile at Dlouhá Ves, Czech Republic. <i>Journal of Geochemical Exploration</i> , 2011, 110, 61-73.	3.2	41
40	Mineralogy and petrogenesis of a Ba-Ti-Zr-rich peralkaline dyke from Āebkovice (Czech Republic): Recognition of the most lamproitic Variscan intrusion. <i>Lithos</i> , 2011, 121, 74-86.	1.4	57
41	Crystal chemistry and origin of grandidierite, ominelite, boralsilite, and werdingite from the Bory Granulite Massif, Czech Republic. <i>American Mineralogist</i> , 2010, 95, 1533-1547.	1.9	23
42	Sodium scandium diphosphate, NaScP_2O_7 , isotypic with $\text{NaTi(III)P}_2\text{O}_7$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, i86-i86.	0.2	3
43	Rare earth elements and yttrium geochemistry of dolomite from post-Variscan vein-type mineralization of the $\text{N}^{\text{A}z\text{k}}\frac{1}{2}$ Jeseník and Upper Silesian Basins, Czech Republic. <i>Journal of Geochemical Exploration</i> , 2009, 103, 69-79.	3.2	48
44	Complexly zoned niobian titanite from hedenbergite skarn at Pásek, Czech Republic, constrained by substitutions $\text{Al}(\text{Nb,Ta})_2\text{Ti}_2$, $\text{Al}(\text{F,OH})(\text{TiO})_1$ and SnTi_1 . <i>Mineralogical Magazine</i> , 2008, 72, 1293-1305.	1.4	23
45	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.	1.0	31
46	Phosphorus – an omnipresent minor element in garnet of diverse textural types from leucocratic granitic rocks. <i>Mineralogy and Petrology</i> , 2005, 85, 205-221.	1.1	28
47	FERROTAPIOLITE AS A PSEUDOMORPH OF STIBIOTANTALITE FROM THE LASTOVICKY LEPIDOLITE PEGMATITE, CZECH REPUBLIC; AN EXAMPLE OF HYDROTHERMAL ALTERATION AT CONSTANT $\text{Ta}/(\text{Ta} + \text{Nb})$. <i>Canadian Mineralogist</i> , 2004, 42, 1117-1128.	1.0	18
48	Princivalleite, $\text{Na}(\text{Mn}_2\text{Al})\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$, a new mineral species of the tourmaline supergroup from Veddasca Valley, Varese, Italy. <i>Mineralogical Magazine</i> , 0, , 1-9.	1.4	2