

Barbara P Nash

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	BUILDING A MASTER CHRONOLOGY FOR THE WESTERN LAKE BONNEVILLE BASIN WITH STRATIGRAPHIC AND ELEMENTAL DATA FROM MULTIPLE SITES, USA. Radiocarbon, 2022, 64, 69-85.	1.8	1
2	Jasonsmithite, a new phosphate mineral with a complex microporous framework, from the Foote mine, North Carolina, U.S.A. American Mineralogist, 2021, 106, 174-179.	1.9	1
3	Thebaite-(NH ₄), (NH ₄ ,K)3Al(C ₂ O ₄)(PO ₃ OH) ₂ (H ₂ O), a new phosphate oxalate mineral from the Rowley mine, Arizona, USA. Mineralogical Magazine, 2021, 85, 379-386.	1.4	4
4	Obsidian from the northern sector of the Main Ethiopian Rift: implications for archeology. Journal of Quaternary Science, 2021, 36, 664-671.	2.1	1
5	Allantoin and natrosulfatourea, two new bat-guano minerals from the Rowley mine, Maricopa County, Arizona, USA. Canadian Mineralogist, 2021, 59, 603-616.	1.0	2
6	Uranoclite, a new uranyl chloride mineral from the Blue Lizard mine, San Juan County, Utah, USA. Mineralogical Magazine, 2021, 85, 438-443.	1.4	3
7	Uroxite and metauroxite, the first two uranyl oxalate minerals. Mineralogical Magazine, 2020, 84, 131-141.	1.4	10
8	Monteneroite, Cu ²⁺ Mn ²⁺ ₂ (AsO ₄) ₂ ·8H ₂ O, a new vivianite-structure mineral with ordered cations from the Monte Nero mine, Liguria, Italy. Mineralogical Magazine, 2020, 84, 881-887.	1.4	1
9	An initial survey of the composition of Ethiopian obsidian. Journal of African Earth Sciences, 2020, 172, 103977.	2.0	2
10	Cuyaite, Ca ₂ Mn ₃ As ₃ 14O ₂₄ Cl, a new mineral with an arsenite framework from near Cuya, Camarones Valley, Chile. Mineralogical Magazine, 2020, 84, 477-484.	1.4	1
11	Mauriziodiniite, NH ₄ (As ₂ O ₃) ₂ I, the ammonium and iodine analogue of lucabindiite from the Torrecillas mine, Iquique Province, Chile. Mineralogical Magazine, 2020, 84, 267-273.	1.4	2
12	Pseudomeisserite-(NH ₄), a new mineral with a novel uranyl-sulfate linkage from the Blue Lizard mine, San Juan County, Utah, USA. Mineralogical Magazine, 2020, 84, 435-443.	1.4	1
13	Okieite, Mg ₃ [V ₁₀ O ₂₈]·28H ₂ O, a new decavanadate mineral from the Burro mine, Slick Rock mining district, San Miguel County, Colorado, USA. Canadian Mineralogist, 2020, 58, 125-135.	1.0	7
14	Caseyite, a new mineral containing a variant of the flat-Al ₁₃ polyoxometalate cation. American Mineralogist, 2020, 105, 123-131.	1.9	8
15	Lumsdenite, NaCa ₃ Mg ₂ (As ₃ +V ₄ +2V ₅ +10As ₅ +6O ₅₁)·45H ₂ O, a new polyoxometalate mineral from the Packrat mine, Mesa County, Colorado, USA. Canadian Mineralogist, 2020, 58, 137-151.	1.0	3
16	Fulbrightite, the Arsenate Analog of Sincosite. Canadian Mineralogist, 2020, 58, 663-671.	1.0	1
17	Ammoniomeserite, a new uranyl sulfate vanadate mineral from the Burro mine, San Miguel County, Colorado, USA. Mineralogical Magazine, 2019, 83, 115-121.	1.4	7
18	Middle Stone Age foragers resided in high elevations of the glaciated Bale Mountains, Ethiopia. Science, 2019, 365, 583-587.	12.6	79

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19	Phoxite, $(\text{NH}_4)_2\text{Mg}_2(\text{C}_2\text{O}_4)(\text{PO}_3\text{OH})_2(\text{H}_2\text{O})_4$, the first phosphate-oxalate mineral. <i>American Mineralogist</i> , 2019, 104, 973-979.	1.9	8
20	Davidbrownite- $(\text{NH}_4)_4(\text{NH}_4)_5(\text{V}^{4+})_2(\text{C}_2\text{O}_4)_2[\text{PO}_2.75]_6(\text{OH})_6$, a new phosphate-oxalate mineral from the Rowley mine, Arizona, USA. <i>Mineralogical Magazine</i> , 2019, 83, 869-877.	1.4	6
21	Magnesioleydetite and stral ² mannite, two new uranyl sulfate minerals with sheet structures from Red Canyon, Utah. <i>Mineralogical Magazine</i> , 2019, 83, 349-360.	1.4	9
22	Camanchacaite, chinchorroite, espadaite, magnesiofluckite, picaite and Æosecoite: six new hydrogen-arsenate minerals from the Torrecillas mine, Iquique Province, Chile. <i>Mineralogical Magazine</i> , 2019, 83, 655-671.	1.4	7
23	Pandoraite-ba and Pandoraite-ca, $\text{Ba}(\text{V}^{4+}\text{V}^{5+}_2)\text{O}_{16}\cdot 3\text{H}_2\text{O}$ and $\text{Ca}(\text{V}^{4+}\text{V}^{5+}_2)\text{O}_{16}\cdot 3\text{H}_2\text{O}$, Two New Vanadium Oxide Bronze Minerals in Solid Solution from the Pandora Mine, La Sal Mining District, San Juan County, Colorado, Usa. <i>Canadian Mineralogist</i> , 2019, 57, 255-265.	1.0	2
24	Meyrowitzite, $\text{Ca}(\text{UO}_2)(\text{CO}_3)_2\cdot 5\text{H}_2\text{O}$, a new mineral with a novel uranyl-carbonate sheet. <i>American Mineralogist</i> , 2019, 104, 603-610.	1.9	3
25	Lussierite, a new sodium uranyl sulfate mineral with bidentate UO_7SO_4 linkage from the Blue Lizard mine, San Juan County, Utah, USA. <i>Mineralogical Magazine</i> , 2019, 83, 799-808.	1.4	5
26	Bicapite, $\text{KNa}_2\text{Mg}_2(\text{H}_2\text{PV}_{14}\text{O}_{42})\cdot 25\text{H}_2\text{O}$, a new polyoxometalate mineral with a bicapped Keggin anion from the Pickett Corral mine, Montrose County, Colorado, U.S.A.. <i>American Mineralogist</i> , 2019, 104, 1851-1856.	1.9	6
27	Ammoniolasalite, $[(\text{NH}_4)_2\text{Mg}_2(\text{H}_2\text{O})_{20}][\text{V}_{10}\text{O}_{28}]$, A New Decavanadate Species from the Burro Mine, Slick Rock District, Colorado. <i>Canadian Mineralogist</i> , 2018, 56, 859-869.	1.0	14
28	Barwoodite, $\text{Mn}_2+6(\text{Nb}_5+)_2(\text{SiO}_4)_2(\text{O},\text{OH})_6$, a New Member of the Welinite Group from Granite Mountain, Arkansas. <i>Canadian Mineralogist</i> , 2018, 56, 799-809.	1.0	0
29	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
30	Jahnsite-(NaMnMg), A New Jahnsite-Group Mineral from the Sapucaia Mine, Brazil and the White Rock No. 2 Quarry, Australia. <i>Canadian Mineralogist</i> , 2018, 56, 871-882.	1.0	3
31	Greenlizardite, $(\text{NH}_4)_4\text{Na}(\text{UO}_2)_2(\text{SO}_4)_2(\text{OH})_2\cdot 4\text{H}_2\text{O}$, 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
32	Redcanyonite, $(\text{NH}_4)_2\text{Mn}[(\text{UO}_2)_4\text{O}_4(\text{SO}_4)_2](\text{H}_6)_2$, a new zippeite-group mineral from the Blue Lizard mine, San Juan County, Utah, USA. <i>Mineralogical Magazine</i> , 2018, 82, 1261-1275.	1.4	6
33	Kegginite, $\text{Pb}_3\text{Ca}_3[\text{AsV}_{12}\text{O}_{40}(\text{VO})]\cdot 20\text{H}_2\text{O}$, a new mineral with a novel μ -isomer of the Keggin anion. <i>American Mineralogist</i> , 2017, 102, 461-465.	1.9	16
34	Mineralogy of the Huron River Shale Fire, Huron County, Ohio. <i>Rocks and Minerals</i> , 2017, 92, 244-263.	0.1	3
35	Mesaite, $(\text{V}_2\text{O}_7)_3\cdot 12\text{H}_2\text{O}$, a new vanadate mineral from the Packrat mine, near Gateway, Mesa County, Colorado, USA. <i>Mineralogical Magazine</i> , 2017, 81, 319-327.	1.4	5
36	Juansilvaite, $\text{Na}_5\text{Al}_3[\text{AsO}_3(\text{OH})_4][\text{AsO}_2(\text{OH})_2]_2(\text{SO}_4)_6$, a new arsenate-sulfate from the Torrecillas mine, Iquique Province, Chile. <i>Mineralogical Magazine</i> , 2017, 81, 619-628.	1.4	6

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37	Fluorwavellite, $\text{Al}_3(\text{PO}_4)_2(\text{OH})_2\text{F}_5\text{H}_2\text{O}$, the fluorine analog of wavellite. <i>American Mineralogist</i> , 2017, 102, 909-915.	1.9	7
38	Rowleyite, $[\text{Na}(\text{NH}_4, \text{K})_9\text{Cl}_4][\text{V}^{2+,4+}(\text{P}, \text{As})\text{O}_8]_6 \cdot n[\text{H}_2\text{O}, \text{Na}, \text{NH}_4, \text{K}, \text{Cl}]_n$, a new mineral with a microporous framework structure. <i>American Mineralogist</i> , 2017, , .	1.9	1
39	Chinleite-(Y), $\text{NaY}(\text{SO}_4)_2 \cdot \text{H}_2\text{O}$, a new rare-earth sulfate mineral structurally related to bassanite. <i>Mineralogical Magazine</i> , 2017, 81, 909-916.	1.4	3
40	Magnesiocanutite, $\text{NaMnMg}_2[\text{AsO}_4]_2[\text{AsO}(\text{OH})_2]$, a new protonated alluaudite-group mineral from the Torrecillas mine, Iquique Province, Chile. <i>Mineralogical Magazine</i> , 2017, 81, 1523-1531.	1.4	5
41	Currierite, $\text{Na}_4\text{Ca}_3\text{MgAl}_4(\text{AsO}_3\text{OH})_{12} \cdot 9\text{H}_2\text{O}$, a new acid arsenate with ferrinatrite-like heteropolyhedral chains from the Torrecillas mine, Iquique Province, Chile. <i>Mineralogical Magazine</i> , 2017, 81, 1141-1149.	1.4	3
42	Chongite, $\text{Ca}_3\text{Mg}_2(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2 \cdot 4\text{H}_2\text{O}$, a new arsenate member of the hureaulite group from the Torrecillas mine, Iquique Province, Chile. <i>Mineralogical Magazine</i> , 2016, 80, 1255-1263.	1.4	6
43	Gajardoite, $\text{KCa}_{0.5}\text{As}_3\text{O}_6\text{Cl}_2 \cdot 5\text{H}_2\text{O}$, a new mineral related to lucabindiite and torrecillasite from the Torrecillas mine, Iquique Province, Chile. <i>Mineralogical Magazine</i> , 2016, 80, 1265-1272.	1.4	11
44	Carlsonite, , and huizingite-(Al), $(\text{NH}_4)_9\text{Al}_3(\text{SO}_4)_8(\text{OH})_2 \cdot 4\text{H}_2\text{O}$, two new minerals from a natural fire in an oil-bearing shale near Milan, Ohio. <i>American Mineralogist</i> , 2016, 101, 2095-2107.	1.9	17
45	Apexite, $\text{NaMg}(\text{PO}_4) \cdot 9\text{H}_2\text{O}$, a new struvite-type phase with a heteropolyhedral cluster. <i>American Mineralogist</i> , 2015, 100, 2695-2701.	1.9	5
46	The Blacktail Creek Tuff: an analytical and experimental study of rhyolites from the Heise volcanic field, Yellowstone hotspot system. <i>Contributions To Mineralogy and Petrology</i> , 2015, 169, 1.	3.1	29
47	Tapiaite, $\text{Ca}_5\text{Al}_2(\text{AsO}_4)_4(\text{OH})_4 \cdot 12\text{H}_2\text{O}$, a new mineral from the Jote mine, Tierra Amarilla, Chile. <i>Mineralogical Magazine</i> , 2015, 79, 345-354.	1.4	2
48	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. <i>American Mineralogist</i> , 2014, 99, 1045-1051.	1.9	17
49	The 2H and 3R polytypes of sabieite, $\text{NH}_4\text{Fe}_3(\text{SO}_4)_2$, from a natural fire in an oil-bearing shale near Milan, Ohio. <i>American Mineralogist</i> , 2014, 99, 1500-1506.	1.9	9
50	Mineralogy and Geochemistry of the Main Glauconite Bed in the Middle Eocene of Texas: Paleoenvironmental Implications for the Verdine Facies. <i>PLoS ONE</i> , 2014, 9, e87656.	2.5	32
51	Phosphovanadylite-Ca, $\text{Ca}[\text{V}_4\text{P}_2\text{O}_8(\text{OH})_8] \cdot 12\text{H}_2\text{O}$, the Ca analogue of phosphovanadylite-Ba. <i>American Mineralogist</i> , 2013, 98, 439-443.	1.9	4
52	Neogene Fallout Tuffs from the Yellowstone Hotspot in the Columbia Plateau Region, Oregon, Washington and Idaho, USA. <i>PLoS ONE</i> , 2012, 7, e44205.	2.5	27