

# Barbara P Nash

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5985808/publications.pdf>

Version: 2024-02-01

52  
papers

433  
citations

933447

10  
h-index

839539

18  
g-index

52  
all docs

52  
docs citations

52  
times ranked

419  
citing authors

#	ARTICLE	IF	CITATIONS
1	Middle Stone Age foragers resided in high elevations of the glaciated Bale Mountains, Ethiopia. <i>Science</i> , 2019, 365, 583-587.	12.6	79
2	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
3	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
4	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
5	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
6	Carlsonite, , and huizingite-(Al), $(\text{NH}_{4-9}\text{Al}_{3-3}(\text{SO}_4)_{4-8}(\text{OH})_{2-4}\text{H}_2\text{O})_n$ , 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
7	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 $\mu$ -isomer of the Keggin anion. <i>American Mineralogist</i> , 2017, 102, 461-465.	1.9	16
8	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
9	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
10	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
11	Uroxite and metauroxite, the first two uranyl oxalate minerals. <i>Mineralogical Magazine</i> , 2020, 84, 131-141.	1.4	10
12	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
13	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
14	Magnesiolydetite and stral <sup>2</sup> mannite, two new uranyl sulfate minerals with sheet structures from Red Canyon, Utah. <i>Mineralogical Magazine</i> , 2019, 83, 349-360.	1.4	9
15	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
16	Caseyite, a new mineral containing a variant of the flat-Al <sub>13</sub> polyoxometalate cation. <i>American Mineralogist</i> , 2020, 105, 123-131.	1.9	8
17	Fluorwavellite, $\text{Al}_3(\text{PO}_4)_2(\text{OH})_2\cdot 5\text{H}_2\text{O}$ , the fluorine analog of wavellite. <i>American Mineralogist</i> , 2017, 102, 909-915.	1.9	7
18	Ammoniomathesusite, a new uranyl sulfate-vanadate mineral from the Burro mine, San Miguel County, Colorado, USA. <i>Mineralogical Magazine</i> , 2019, 83, 115-121.	1.4	7

#	ARTICLE	IF	CITATIONS
19	Camanchacaite, chinchorroite, espadaite, magnesiofluckite, picaite and r��secoite: six new hydrogen-arsenate minerals from the Torrecillas mine, Iquique Province, Chile. <i>Mineralogical Magazine</i> , 2019, 83, 655-671.	1.4	7
20	Okieite, Mg <sub>3</sub> [V <sub>10</sub> O <sub>28</sub> ] $\cdot$ 28H <sub>2</sub> O, a new decavanadate mineral from the Burro mine, Slick Rock mining district, San Miguel County, Colorado, USA. <i>Canadian Mineralogist</i> , 2020, 58, 125-135.	1.0	7
21	Chongite, Ca <sub>3</sub> Mg <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> (AsO <sub>3</sub> OH) <sub>2</sub> $\cdot$ 4H <sub>2</sub> 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
22	Juansilvaite, Na <sub>5</sub> Al <sub>3</sub> [AsO <sub>3</sub> (OH)] <sub>4</sub> [AsO <sub>2</sub> (OH)] <sub>2</sub> (SO <sub>4</sub> ) <sub>6</sub> a new arsenate-sulfate from the Torrecillas mine, Iquique Province, Chile. <i>Mineralogical Magazine</i> , 2017, 81, 619-628.	1.4	6
23	Redcanyonite, (NH <sub>4</sub> ) <sub>2</sub> Mn[(UO <sub>2</sub> ) <sub>4</sub> O <sub>4</sub> (SO <sub>4</sub> ) <sub>2</sub> ](H <sub>2</sub> O) <sub>4</sub> 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	4
24	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. <i>Mineralogical Magazine</i> , 2019, 83, 869-877.	1.4	6
25	Bicapite, KNa <sub>2</sub> Mg <sub>2</sub> (H <sub>2</sub> PV <sub>145</sub> O <sub>42</sub> ) $\cdot$ 25H <sub>2</sub> 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
26	Apexite, NaMg(PO <sub>4</sub> ) <sub>9</sub> H <sub>2</sub> O, a new struvite-type phase with a heteropolyhedral cluster. <i>American Mineralogist</i> , 2015, 100, 2695-2701.	1.9	5
27	Mesaite, (V <sub>2</sub> O <sub>7</sub> ) <sub>3</sub> $\cdot$ 12H <sub>2</sub> 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
28	Magnesiocanutite, NaMnMg <sub>2</sub> [AsO <sub>4</sub> ] <sub>2</sub> [AsO <sub>2</sub> (OH)] <sub>2</sub> , a new protonated alluaudite-group mineral from the Torrecillas mine, Iquique Province, Chile. <i>Mineralogical Magazine</i> , 2017, 81, 1523-1531.	1.4	5
29	Lussierite, a new sodium uranyl sulfate mineral with bidentate UO <sub>7</sub> "SO <sub>4</sub> linkage from the Blue Lizard mine, San Juan County, Utah, USA. <i>Mineralogical Magazine</i> , 2019, 83, 799-808.	1.4	5
30	Phosphovanadylite-Ca, Ca[V <sub>4</sub> P <sub>2</sub> O <sub>8</sub> (OH) <sub>8</sub> ] $\cdot$ 12H <sub>2</sub> O, the Ca analogue of phosphovanadylite-Ba. <i>American Mineralogist</i> , 2013, 98, 439-443.	1.9	4
31	Thebaite-(NH <sub>4</sub> ), (NH <sub>4</sub> ,K) <sub>3</sub> Al(C <sub>2</sub> O <sub>4</sub> )(PO <sub>3</sub> OH) <sub>2</sub> (H <sub>2</sub> O), a new phosphate-oxalate mineral from the Rowley mine, Arizona, USA. <i>Mineralogical Magazine</i> , 2021, 85, 379-386.	1.4	4
32	Mineralogy of the Huron River Shale Fire, Huron County, Ohio. <i>Rocks and Minerals</i> , 2017, 92, 244-263.	0.1	3
33	Chinleite-(Y), NaY(SO <sub>4</sub> ) <sub>2</sub> $\cdot$ H <sub>2</sub> O, a new rare-earth sulfate mineral structurally related to bassanite. <i>Mineralogical Magazine</i> , 2017, 81, 909-916.	1.4	3
34	Currierite, Na <sub>4</sub> Ca <sub>3</sub> MgAl <sub>4</sub> (AsO <sub>3</sub> OH) <sub>12</sub> $\cdot$ 9H <sub>2</sub> 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
35	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
36	Meyrowitzite, Ca(UO <sub>2</sub> )(CO <sub>3</sub> ) <sub>2</sub> $\cdot$ 5H <sub>2</sub> O, a new mineral with a novel uranyl-carbonate sheet. <i>American Mineralogist</i> , 2019, 104, 603-610.	1.9	3

#	ARTICLE	IF	CITATIONS
37	Lumsdenite, $\text{NaCa}_3\text{Mg}_2(\text{As}_3+\text{V}_4+2\text{V}_5+10\text{As}_5+6\text{O}_5)\cdot 45\text{H}_2\text{O}$ , a new polyoxometalate mineral from the Packrat mine, Mesa County, Colorado, USA. <i>Canadian Mineralogist</i> , 2020, 58, 137-151.	1.0	3
38	Uranoclite, a new uranyl chloride mineral from the Blue Lizard mine, San Juan County, Utah, USA. <i>Mineralogical Magazine</i> , 2021, 85, 438-443.	1.4	3
39	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
40	Pandoraite-ba and Pandoraite-ca, $\text{Ba}(\text{V}_4+5\text{V}_5+2)\text{O}_{16}\cdot 3\text{H}_2\text{O}$ and $\text{Ca}(\text{V}_4+5\text{V}_5+2)\text{O}_{16}\cdot 3\text{H}_2\text{O}$ , 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
41	An initial survey of the composition of Ethiopian obsidian. <i>Journal of African Earth Sciences</i> , 2020, 172, 103977.	2.0	2
42	Mauriziodiniite, $\text{NH}_4(\text{As}_2\text{O}_3)_2\text{I}$ , the ammonium and iodine analogue of lucabindiite from the Torrecillas mine, Iquique Province, Chile. <i>Mineralogical Magazine</i> , 2020, 84, 267-273.	1.4	2
43	Allantoin and natrosulfatourea, two new bat-guano minerals from the Rowley mine, Maricopa County, Arizona, USA. <i>Canadian Mineralogist</i> , 2021, 59, 603-616.	1.0	2
44	Rowleyite, $[\text{Na}(\text{NH}_4,\text{K})_9\text{Cl}_4][\text{V}_{25+},4+(\text{P},\text{As})\text{O}_8]_6\cdot n[\text{H}_2\text{O},\text{Na},\text{NH}_4,\text{K},\text{Cl}]_n$ ; a new mineral with a microporous framework structure. <i>American Mineralogist</i> , 2017, , .	1.9	1
45	Monteneroite, $\text{Cu}_2\text{Mn}_2(\text{AsO}_4)_2\cdot 8\text{H}_2\text{O}$ , a new vivianite-structure mineral with ordered cations from the Monte Nero mine, Liguria, Italy. <i>Mineralogical Magazine</i> , 2020, 84, 881-887.	1.4	1
46	Cuyaite, $\text{Ca}_2\text{Mn}_3+\text{As}_3+14\text{O}_{24}\text{Cl}$ , a new mineral with an arsenite framework from near Cuya, Camarones Valley, Chile.. <i>Mineralogical Magazine</i> , 2020, 84, 477-484.	1.4	1
47	Pseudomeisserite-( $\text{NH}_4$ ), a new mineral with a novel uranyl-sulfate linkage from the Blue Lizard mine, San Juan County, Utah, USA. <i>Mineralogical Magazine</i> , 2020, 84, 435-443.	1.4	1
48	Jasonsmithite, a new phosphate mineral with a complex microporous framework, from the Foote mine, North Carolina, U.S.A. <i>American Mineralogist</i> , 2021, 106, 174-179.	1.9	1
49	Obsidian from the northern sector of the Main Ethiopian Rift: implications for archeology. <i>Journal of Quaternary Science</i> , 2021, 36, 664-671.	2.1	1
50	Fulbrightite, the Arsenate Analog of Sincosite. <i>Canadian Mineralogist</i> , 2020, 58, 663-671.	1.0	1
51	BUILDING A MASTER CHRONOLOGY FOR THE WESTERN LAKE BONNEVILLE BASIN WITH STRATIGRAPHIC AND ELEMENTAL DATA FROM MULTIPLE SITES, USA. <i>Radiocarbon</i> , 2022, 64, 69-85.	1.8	1
52	Barwoodite, $\text{Mn}_2+6(\text{Nb}_5+,\text{Ta}_5+)_2(\text{SiO}_4)_2(\text{O},\text{OH})_6$ , a New Member of the Welinite Group from Granite Mountain, Arkansas. <i>Canadian Mineralogist</i> , 2018, 56, 799-809.	1.0	0