

# William G Minarik

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,859  
citations

361413

20  
h-index

580821

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2482  
citing authors

#	ARTICLE	IF	CITATIONS
1	Precise water level measurements using low-cost GNSS antenna arrays. <i>Earth Surface Dynamics</i> , 2021, 9, 673-685.	2.4	11
2	Global quieting of high-frequency seismic noise due to COVID-19 pandemic lockdown measures. <i>Science</i> , 2020, 369, 1338-1343.	12.6	202
3	Titanium-Rich Magnesio-Hastingsite Macrocrysts In A Camptonite Dike, Lafarge Quarry, Montreal Island, Quebec: Early Crystallization In A Pseudo-Unary System. <i>Canadian Mineralogist</i> , 2016, 54, 65-78.	1.0	2
4	Melt-rock interaction near the Moho: Evidence from crystal cargo in lavas from near-ridge seamounts. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 191, 139-164.	3.9	29
5	The Magmatic Architecture of Taney Seamount-A, NE Pacific Ocean. <i>Journal of Petrology</i> , 2015, 56, 1037-1067.	2.8	14
6	Evidence for lithium-aluminosilicate supersaturation of pegmatite-forming melts. <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	3.1	42
7	Geochemistry of Neoproterozoic black shales from Svalbard: Implications for oceanic redox conditions spanning Cryogenian glaciations. <i>Chemical Geology</i> , 2015, 417, 383-393.	3.3	63
8	Sulfur isotope and trace element data from ore sulfides in the Noranda district (Abitibi, Canada): implications for volcanogenic massive sulfide deposit genesis. <i>Mineralium Deposita</i> , 2015, 50, 591-606.	4.1	40
9	Neoproterozoic iron formation: An evaluation of its temporal, environmental and tectonic significance. <i>Chemical Geology</i> , 2013, 362, 232-249.	3.3	134
10	Magmatic Recharge during the Formation and Resurgence of the Valles Caldera, New Mexico, USA: Evidence from Quartz Compositional Zoning and Geothermometry. <i>Journal of Petrology</i> , 2013, 54, 635-664.	2.8	38
11	Trace element partitioning between majoritic garnet and silicate melt at 10–17 GPa: Implications for deep mantle processes. <i>Lithos</i> , 2012, 148, 128-141.	1.4	36
12	An overview of the Canadian Cordilleran lithospheric mantle This article is one of a series of papers published in this Special Issue on the theme “Lithoprobe” parameters, processes, and the evolution of a continent. <i>Canadian Journal of Earth Sciences</i> , 2010, 47, 353-368.	1.3	23
13	Thermal History of the Bandelier Magmatic System: Evidence for Magmatic Injection and Recharge at 1.61 Ma as Revealed by Cathodoluminescence and Titanium Geothermometry. <i>Journal of Geology</i> , 2009, 117, 469-485.	1.4	22
14	Aluminum-dependent trace element partitioning in clinopyroxene. <i>Contributions To Mineralogy and Petrology</i> , 2008, 156, 439-451.	3.1	28
15	Metal Ion Levels in the Blood of Patients After Hip Resurfacing: A Comparison Between Twenty-eight and Thirty-six-Millimeter-Head Metal-on-Metal Prostheses. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 142-148.	3.0	129
16	PRELIMINARY ASSESSMENT OF TIME TRENDS IN BIOAVAILABLE METALS IN THE TRI-STATE LEAD/ZINC MINING DISTRICT THROUGH ANALYSES OF TREE CORES. <i>Journal of the American Society of Mining and Reclamation</i> , 2007, 2007, 16-28.	0.3	0
17	Experimental partitioning of uranium between liquid iron sulfide and liquid silicate: Implications for radioactivity in the Earth’s core. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 1537-1547.	3.9	50
18	Photophysics of dopamine-modified quantum dots and effects on biological systems. <i>Nature Materials</i> , 2006, 5, 409-417.	27.5	303

#	ARTICLE	IF	CITATIONS
19	Thermoelastic properties of (Mg <sub>0.64</sub> Fe <sub>0.36</sub> )O ferropericlase based on in situ X-ray diffraction to 26.7GPa and 2173K. <i>Physics of the Earth and Planetary Interiors</i> , 2005, 151, 163-176.	1.9	38
20	A critical evaluation of pressure scales at high temperatures by in situ X-ray diffraction measurements. <i>Physics of the Earth and Planetary Interiors</i> , 2004, 143-144, 515-526.	1.9	127
21	The core of planet formation. <i>Nature</i> , 2003, 422, 126-127.	27.8	8
22	Multicomponent diffusion and convection in molten MgO-Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> . <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 1985-1991.	3.9	31
23	Complications to Carbonate Melt Mobility due to the Presence of an Immiscible Silicate Melt. <i>Journal of Petrology</i> , 1998, 39, 1965-1973.	2.8	43
24	Textural Entrapment of Core-Forming Melts. <i>Science</i> , 1996, 272, 530-533.	12.6	114
25	Interconnectivity of carbonate melt at low melt fraction. <i>Earth and Planetary Science Letters</i> , 1995, 133, 423-437.	4.4	164
26	High-pressure experimental trace-element partitioning between clinopyroxene and basaltic melts. <i>Chemical Geology</i> , 1994, 117, 127-147.	3.3	168