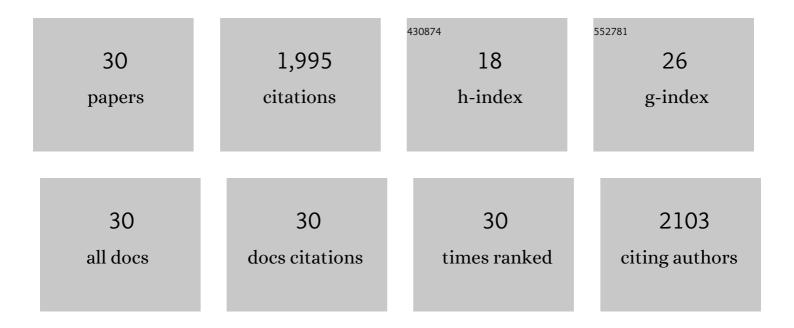
David W Mogk

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Natural, incidental, and engineered nanomaterials and their impacts on the Earth system. Science, 2019, 363, .	12.6	479
2	Geomicrobiology of Subglacial Ice Above Lake Vostok, Antarctica. Science, 1999, 286, 2141-2144.	12.6	392
3	Proterozoic evolution of the western margin of the Wyoming craton: implications for the tectonic and magmatic evolution of the northern Rocky Mountains. Canadian Journal of Earth Sciences, 2006, 43, 1601-1619.	1.3	153
4	Learning in the field: Synthesis of research on thinking and learning in the geosciences. , 2012, , .		102
5	Paleoproterozoic crust within the Great Falls tectonic zone: Implications for the assembly of southern Laurentia. Geology, 2002, 30, 127.	4.4	98
6	Improving undergraduate STEM education: The efficacy of discipline-based professional development. Science Advances, 2017, 3, e1600193.	10.3	90
7	Teaching Methods in Undergraduate Geoscience Courses: Results of the 2004 On the Cutting Edge Survey of U.S. Faculty. Journal of Geoscience Education, 2005, 53, 237-252.	1.4	70
8	Early Archean crust in the northern Wyoming province. Precambrian Research, 1998, 91, 295-307.	2.7	67
9	The nature of Archean terrane boundaries: an example from the northern Wyoming Province. Precambrian Research, 1992, 55, 155-168.	2.7	61
10	Extended history of a 3.5 Ga trondhjemitic gneiss, Wyoming Province, USA: evidence from Uî—,Pb systematics in zircon. Precambrian Research, 1996, 78, 41-52.	2.7	54
11	A Laurentian record of the earliest fossil eukaryotes. Geology, 2017, 45, 387-390.	4.4	48
12	Archean Tectonics of the North Snowy Block, Beartooth Mountains, Montana. Journal of Geology, 1988, 96, 125-141.	1.4	41
13	On the Cutting Edge: Teaching Help for Geoscience Faculty. Science, 2010, 327, 1095-1096.	12.6	40
14	Rapid growth of an Archean continent by arc magmatism. Precambrian Research, 2010, 183, 70-88.	2.7	37
15	Detrital mineral chronology of the Uinta Mountain Group: Implications for the Grenville flood in southwestern Laurentia. Geology, 2007, 35, 431.	4.4	36
16	Application of Auger Electron Spectroscopy (AES) to naturally weathered hornblende. Geochimica Et Cosmochimica Acta, 1988, 52, 2537-2542.	3.9	35
17	Surface sulfur measurements on stratospheric particles. Geophysical Research Letters, 1985, 12, 93-96.	4.0	27
18	Petrogenesis and timing of talc formation in the Ruby Range, southwestern Montana. Economic Geology, 1990, 85, 585-600.	3.8	23

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#	Article	IF	CITATIONS
19	Precambrian Crustal Evolution in the Great Falls Tectonic Zone: Insights from Xenoliths from the Montana Alkali Province. Journal of Geology, 2014, 122, 531-548.	1.4	20
20	Geoethics training in the Earth and environmental sciences. Nature Reviews Earth & Environment, 2020, 1, 81-83.	29.7	19
21	Application of Auger Electron Spectroscopy to studies of chemical weathering. Reviews of Geophysics, 1990, 28, 337-356.	23.0	15
22	Geoscience education for the Anthropocene. , 2013, , .		15
23	The intersection of geoethics and diversity in the geosciences. Geological Society Special Publication, 2021, 508, 67-99.	1.3	13
24	Ultramafic rocks of a fracture-zone ophiolite, North Cascades, Washington. Tectonophysics, 1987, 142, 261-289.	2.2	12
25	Naturally Weathered Plagioclase Grains from the Idaho Batholith: Observations Using Scanning Electron Microscopy. Soil Science Society of America Journal, 1993, 57, 851-860.	2.2	12
26	Extending the realm of Archean crust in the Great Falls tectonic zone: Evidence from the Little Rocky Mountains, Montana. Precambrian Research, 2018, 315, 264-281.	2.7	12
27	Geoethics and Professionalism: The Responsible Conduct of Scientists. Annals of Geophysics, 2018, 60, .	1.0	11
28	New Insights into Sulfide Inclusions in 1018 Carbon Steels. Metals, 2021, 11, 428.	2.3	10
29	GEO-NEEDS: STAKEHOLDER NEEDS ASSESSMENT FOR BROADENING PARTICIPATION IN THE GEOSCIENCES AT TWO-YEAR AND MINORITY-SERVING INSTITUTIONS. , 2016, , .		3
30	Acceptance of the Distinguished Public Service Award of the Mineralogical Society of America for 2017. American Mineralogist, 2018, 103, 655-656.	1.9	0