

# David W Mogk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8200471/publications.pdf>

Version: 2024-02-01

30  
papers

1,995  
citations

430874

18  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2103  
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural, incidental, and engineered nanomaterials and their impacts on the Earth system. <i>Science</i> , 2019, 363, .	12.6	479
2	Geomicrobiology of Subglacial Ice Above Lake Vostok, Antarctica. <i>Science</i> , 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. <i>Canadian Journal of Earth Sciences</i> , 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. <i>Geology</i> , 2002, 30, 127.	4.4	98
6	Improving undergraduate STEM education: The efficacy of discipline-based professional development. <i>Science Advances</i> , 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. <i>Journal of Geoscience Education</i> , 2005, 53, 237-252.	1.4	70
8	Early Archean crust in the northern Wyoming province. <i>Precambrian Research</i> , 1998, 91, 295-307.	2.7	67
9	The nature of Archean terrane boundaries: an example from the northern Wyoming Province. <i>Precambrian Research</i> , 1992, 55, 155-168.	2.7	61
10	Extended history of a 3.5 Ga trondhjemitic gneiss, Wyoming Province, USA: evidence from U <sup>i</sup> -Pb systematics in zircon. <i>Precambrian Research</i> , 1996, 78, 41-52.	2.7	54
11	A Laurentian record of the earliest fossil eukaryotes. <i>Geology</i> , 2017, 45, 387-390.	4.4	48
12	Archean Tectonics of the North Snowy Block, Beartooth Mountains, Montana. <i>Journal of Geology</i> , 1988, 96, 125-141.	1.4	41
13	On the Cutting Edge: Teaching Help for Geoscience Faculty. <i>Science</i> , 2010, 327, 1095-1096.	12.6	40
14	Rapid growth of an Archean continent by arc magmatism. <i>Precambrian Research</i> , 2010, 183, 70-88.	2.7	37
15	Detrital mineral chronology of the Uinta Mountain Group: Implications for the Grenville flood in southwestern Laurentia. <i>Geology</i> , 2007, 35, 431.	4.4	36
16	Application of Auger Electron Spectroscopy (AES) to naturally weathered hornblende. <i>Geochimica Et Cosmochimica Acta</i> , 1988, 52, 2537-2542.	3.9	35
17	Surface sulfur measurements on stratospheric particles. <i>Geophysical Research Letters</i> , 1985, 12, 93-96.	4.0	27
18	Petrogenesis and timing of talc formation in the Ruby Range, southwestern Montana. <i>Economic Geology</i> , 1990, 85, 585-600.	3.8	23

#	ARTICLE	IF	CITATIONS
19	Precambrian Crustal Evolution in the Great Falls Tectonic Zone: Insights from Xenoliths from the Montana Alkali Province. <i>Journal of Geology</i> , 2014, 122, 531-548.	1.4	20
20	Geoethics training in the Earth and environmental sciences. <i>Nature Reviews Earth &amp; Environment</i> , 2020, 1, 81-83.	29.7	19
21	Application of Auger Electron Spectroscopy to studies of chemical weathering. <i>Reviews of Geophysics</i> , 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. <i>Geological Society Special Publication</i> , 2021, 508, 67-99.	1.3	13
24	Ultramafic rocks of a fracture-zone ophiolite, North Cascades, Washington. <i>Tectonophysics</i> , 1987, 142, 261-289.	2.2	12
25	Naturally Weathered Plagioclase Grains from the Idaho Batholith: Observations Using Scanning Electron Microscopy. <i>Soil Science Society of America Journal</i> , 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. <i>Precambrian Research</i> , 2018, 315, 264-281.	2.7	12
27	Geoethics and Professionalism: The Responsible Conduct of Scientists. <i>Annals of Geophysics</i> , 2018, 60, .	1.0	11
28	New Insights into Sulfide Inclusions in 1018 Carbon Steels. <i>Metals</i> , 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. <i>American Mineralogist</i> , 2018, 103, 655-656.	1.9	0