

# Donald W Davis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8416292/publications.pdf>

Version: 2024-02-01

17  
papers

2,278  
citations

933447

10  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1986  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved $^{206}\text{Pb}/^{238}\text{U}$ microprobe geochronology by the monitoring of a trace-element-related matrix effect; SHRIMP, ID-TIMS, ELA-ICP-MS and oxygen isotope documentation for a series of zircon standards. <i>Chemical Geology</i> , 2004, 205, 115-140.	3.3	1,472
2	Optimum linear regression and error estimation applied to $\text{U-Pb}$ data. <i>Canadian Journal of Earth Sciences</i> , 1982, 19, 2141-2149.	1.3	349
3	$\text{U-Pb}$ geochronology of Archean metasedimentary rocks in the Pontiac and Abitibi subprovinces, Quebec, constraints on timing, provenance and regional tectonics. <i>Precambrian Research</i> , 2002, 115, 97-117.	2.7	120
4	Ca. 830 Ma back-arc type volcanic rocks in the eastern part of the Jiangnan orogen: Implications for the Neoproterozoic tectonic evolution of South China Block. <i>Precambrian Research</i> , 2016, 275, 209-224.	2.7	85
5	Geochronology and geochemistry of volcanic rocks from the Shaojiwa Formation and Xingzi Group, Lushan area, SE China: Implications for Neoproterozoic back-arc basin in the Yangtze Block. <i>Precambrian Research</i> , 2013, 238, 1-17.	2.7	65
6	$\text{U-Pb}$ age and Nd isotopic evidence for Archean terrane development and crustal recycling in the south-central Wabigoon subprovince, Canada. <i>Contributions To Mineralogy and Petrology</i> , 2003, 144, 684-702.	3.1	53
7	Effects of natural radiation damage on back-scattered electron images of single crystals of minerals. <i>American Mineralogist</i> , 2006, 91, 1739-1746.	1.9	35
8	Infrastructure and provenance of Ganderia: Evidence from detrital zircon ages in the Brookville terrane, southern New Brunswick, Canada. <i>Precambrian Research</i> , 2014, 246, 358-370.	2.7	27
9	Sedimentary record of regional deformation and dynamics of the thick-skinned southern Puna Plateau, central Andes ( $26^{\circ}$ - $27^{\circ}\text{S}$ ). <i>Earth and Planetary Science Letters</i> , 2016, 433, 317-325.	4.4	17
10	Veins in clay-rich aquitards as records of deformation and fluid-flow events in northern Switzerland. <i>Applied Geochemistry</i> , 2018, 95, 57-70.	3.0	11
11	First U-Pb dating of fossilized soft tissue using a new approach to paleontological chronometry. <i>Geology</i> , 2021, 49, 1027-1031.	4.4	11
12	Paleozoic sedimentation and Caledonian terrane architecture in NW Svalbard: indications from $\text{U-Pb}$ geochronology and structural analysis. <i>Journal of the Geological Society</i> , 2022, 179, .	2.1	11
13	A new Bayesian approach toward improved regression of low-count U Pb geochronology data generated by LA-ICPMS. <i>Chemical Geology</i> , 2021, 582, 120454.	3.3	10
14	Old subcontinental mantle zircon below Oahu. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	6.8	4
15	Hydrochemical impact of a mantle plume recorded by petrology, geochemistry, and U Pb geochronology of a calcite vein within the Ottawa-Bonnechere graben, Ontario, Canada. <i>Chemical Geology</i> , 2021, 586, 120582.	3.3	4
16	A simple method for rapid calibration of faraday and ion-counting detectors on movable multicollector mass spectrometers. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4511.	1.6	3
17	Comment on: Geochronology of calcite-filled joints, southeast Canada: Insight into Late Cretaceous deformation of eastern North America â Jennifer Spalding, David A. Schneider and Julie Brown. <i>Terra Nova</i> , 2021, 33, 339-340.	2.1	1