

Hazen Aj Russell

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

611
citations

1040056

9
h-index

888059

17
g-index

209
all docs

209
docs citations

209
times ranked

370
citing authors

#	ARTICLE	IF	CITATIONS
1	Buried-valley aquifers in the Canadian Prairies: geology, hydrogeology, and origin¹Earth Science Sector (ESS) Contribution 20120131.. Canadian Journal of Earth Sciences, 2012, 49, 987-1004.	1.3	71
2	GIS-based statistical and fractal/multifractal analysis of surface stream patterns in the Oak Ridges Moraine. Computers and Geosciences, 2001, 27, 513-526.	4.2	35
3	Architecture of buried valleys in glaciated Canadian Prairie regions based on high resolution geophysical data. Quaternary Science Reviews, 2014, 86, 13-23.	3.0	30
4	A three-dimensional hydrostratigraphic model of the Waterloo Moraine area, southern Ontario, Canada. Canadian Water Resources Journal, 2014, 39, 95-119.	1.2	26
5	Estimating Snow Mass and Peak River Flows for the Mackenzie River Basin Using GRACE Satellite Observations. Remote Sensing, 2017, 9, 256.	4.0	24
6	A model for downscaling SMOS soil moisture using Sentinel-1 SAR data. International Journal of Applied Earth Observation and Geoinformation, 2018, 72, 109-121.	2.8	23
7	A 3-dimensional geological model of the Oak Ridges Moraine area, Ontario, Canada. Journal of Maps, 2007, 3, 239-253.	2.0	19
8	An analytical protocol for determining the elemental chemistry of Quaternary sediments using a portable X-ray fluorescence spectrometer. Applied Geochemistry, 2021, 131, 105026.	3.0	12
9	Geological mapping goes 3-D in response to societal needs. GSA Today, 2010, , 27-29.	2.0	12
10	Geological framework of the Laurentian trough aquifer system, southern Ontario. Canadian Journal of Earth Sciences, 2018, 55, 677-708.	1.3	11
11	Stratigraphic Architecture and Sediment Facies of the Western Oak Ridges Moraine, Humber River Watershed, Southern Ontario*. G�ographie Physique Et Quaternaire, 2004, 58, 241-267.	0.2	10
12	Eskers as mineral exploration tools. Earth-Science Reviews, 2011, 109, 32-43.	9.1	9
13	Borehole geophysical log signatures and stratigraphic assessment in a glacial basin, southern Ontario. Canadian Journal of Earth Sciences, 2018, 55, 829-845.	1.3	9
14	Conceptual hydrogeological model of the Yonge Street Aquifer, south-central Ontario: a glaciofluvial channel�fan setting. Canadian Journal of Earth Sciences, 2018, 55, 730-767.	1.3	8
15	Surface deformation observed by InSAR shows connections with water storage change in Southern Ontario. Journal of Hydrology: Regional Studies, 2020, 27, 100661.	2.4	8
16	Downhole nuclear magnetic resonance logging in glaciomarine sediments near Ottawa, Ontario, Canada. Near Surface Geophysics, 2020, 18, 591-607.	1.2	7
17	A Hydrostratigraphic Framework for the Paleozoic Bedrock of Southern Ontario. Geoscience Canada, 2021, 48, 23-58.	0.8	5
18	Using computed tomography (CT) to reconstruct depositional processes and products in the subaqueous glaciogenic Champlain Sea basin, Ottawa, Canada. Geomorphology, 2022, 403, 108165.	2.6	4

#	ARTICLE	IF	CITATIONS
19	Quaternary geology of southern Ontario and applications to hydrogeology. Canadian Journal of Earth Sciences, 2018, 55, v-viii.	1.3	3
20	Comment on "Converging ice streams: a new paradigm for reconstructions of the Laurentide Ice Sheet in southern Ontario and deposition of the Oak Ridges Moraine" Canadian Journal of Earth Sciences, 2019, 56, 886-888.	1.3	3
21	Converging ice streams: an unreasonable hypothesis for deposition of the Oak Ridges Moraine, southern Ontario. Canadian Journal of Earth Sciences, 2020, 57, 781-800.	1.3	3
22	The Waterloo Moraine: Water, science and policy. Canadian Water Resources Journal, 2014, 39, 85-87.	1.2	2
23	Introduction to a Special Issue on Three-dimensional Geological Mapping for Groundwater Applications. Journal of Maps, 2007, 3, 211-218.	2.0	1
24	Hydraulic Conductivity from Nuclear Magnetic Resonance Logs in Sediments with Elevated Magnetic Susceptibilities. Ground Water, 2022, 60, 377-392.	1.3	1
25	Evaluation of slim-hole NMR logging for hydrogeologic insights into dolostone and sandstone aquifers. Journal of Hydrology, 2022, 610, 127809.	5.4	1