Hazen Aj Russell

List of Publications by Year
in descending order

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	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
2	Hydraulic Conductivity from <scp>Nuclear Magnetic Resonance</scp> Logs in Sediments with Elevated Magnetic Susceptibilities. Ground Water, 2022, 60, 377-392.	1.3	1
3	Evaluation of slim-hole NMR logging for hydrogeologic insights into dolostone and sandstone aquifers. Journal of Hydrology, 2022, 610, 127809.	5.4	1
4	A Hydrostratigraphic Framework for the Paleozoic Bedrock of Southern Ontario. Geoscience Canada, 2021, 48, 23-58.	0.8	5
5	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
6	Downhole nuclear magnetic resonance logging in glaciomarine sediments near Ottawa, Ontario, Canada. Near Surface Geophysics, 2020, 18, 591-607.	1.2	7
7	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
8	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
9	Comment on â€œConverging ice streams: a new paradigm for reconstructions of the Laurentide Ice Sheet in southern Ontario and deposition of the Oak Ridges Moraineâ€• Canadian Journal of Earth Sciences, 2019, 56, 886-888.	1.3	3
10	Geological framework of the Laurentian trough aquifer system, southern Ontario. Canadian Journal of Earth Sciences, 2018, 55, 677-708.	1.3	11
11	Quaternary geology of southern Ontario and applications to hydrogeology. Canadian Journal of Earth Sciences, 2018, 55, v-viii.	1.3	3
12	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
13	Conceptual hydrogeological model of the Yonge Street Aquifer, south-central Ontario: a glaciofluvial channelâ€“fan setting. Canadian Journal of Earth Sciences, 2018, 55, 730-767.	1.3	8
14	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
15	Estimating Snow Mass and Peak River Flows for the Mackenzie River Basin Using GRACE Satellite Observations. Remote Sensing, 2017, 9, 256.	4.0	24
16	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
17	A three-dimensional hydrostratigraphic model of the Waterloo Moraine area, southern Ontario, Canada. Canadian Water Resources Journal, 2014, 39, 95-119.	1.2	26
18	The Waterloo Moraine: Water, science and policy. Canadian Water Resources Journal, 2014, 39, 85-87.	1.2	2

#	Article	IF	Citations
19	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
20	Eskers as mineral exploration tools. Earth-Science Reviews, 2011, 109, 32-43.	9.1	9
21	Geological mapping goes 3-D in response to societal needs. GSA Today, 2010, , 27-29.	2.0	12
22	Introduction to a Special Issue on Three-dimensional Geological Mapping for Groundwater Applications. Journal of Maps, 2007, 3, 211-218.	2.0	1
23	A 3-dimensional geological model of the Oak Ridges Moraine area, Ontario, Canada. Journal of Maps, 2007, 3, 239-253.	2.0	19
24	Stratigraphic Architecture and Sediment Facies of the Western Oak Ridges Moraine, Humber River Watershed, Southern Ontario*. GÃ©ographie Physique Et Quaternaire, 2004, 58, 241-267.	0.2	10
25	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