

# Claude R Duguay

## List of Publications by Year in descending order

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124  
papers

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docs citations

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3760  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Recent trends in Canadian lake ice cover. <i>Hydrological Processes</i> , 2006, 20, 781-801.   | 2.6  | 238       |
| 2  | Ice-cover variability on shallow lakes at high latitudes: model simulations and observations. <i>Hydrological Processes</i> , 2003, 17, 3465-3483.   | 2.6  | 165       |
| 3  | Cold Regions Hydrology High-Resolution Observatory for Snow and Cold Land Processes. <i>Proceedings of the IEEE</i> , 2010, 98, 752-765.   | 21.3 | 148       |
| 4  | The Role of Northern Lakes in a Regional Energy Balance. <i>Journal of Hydrometeorology</i> , 2005, 6, 291-305.  | 1.9  | 141       |
| 5  | Effects of Changes in Arctic Lake and River Ice. <i>Ambio</i> , 2011, 40, 63-74.   | 5.5  | 123       |
| 6  | Comparison of MODIS-derived land surface temperatures with ground surface and air temperature measurements in continuous permafrost terrain. <i>Cryosphere</i> , 2012, 6, 51-69.                                     | 3.9  | 121       |
| 7  | State of the Climate in 2011. <i>Bulletin of the American Meteorological Society</i> , 2012, 93, S1-S282.  | 3.3  | 121       |
| 8  | Impacts of large-scale teleconnections on freshwater-ice break/freeze-up dates over Canada. <i>Journal of Hydrology</i> , 2006, 330, 340-353.  | 5.4  | 117       |
| 9  | Response of ice cover on shallow lakes of the North Slope of Alaska to contemporary climate conditions (1950–2011): radar remote-sensing and numerical modeling data analysis. <i>Cryosphere</i> , 2014, 8, 167-180. | 3.9  | 107       |
| 10 | Past and Future Changes in Arctic Lake and River Ice. <i>Ambio</i> , 2011, 40, 53-62.  | 5.5  | 105       |
| 11 | Sea ice conditions and melt season duration variability within the Canadian Arctic Archipelago: 1979–2008. <i>Geophysical Research Letters</i> , 2009, 36, .   | 4.0  | 95        |
| 12 | RADARSAT backscatter characteristics of ice growing on shallow sub-Arctic lakes, Churchill, Manitoba, Canada. <i>Hydrological Processes</i> , 2002, 16, 1631-1644.   | 2.6  | 87        |
| 13 | Contemporary (1951–2001) Evolution of Lakes in the Old Crow Basin, Northern Yukon, Canada: Remote Sensing, Numerical Modeling, and Stable Isotope Analysis. <i>Arctic</i> , 2009, 62, .                              | 0.4  | 87        |
| 14 | The effect of soil and crop residue characteristics on polarimetric radar response. <i>Remote Sensing of Environment</i> , 2002, 80, 308-320.  | 11.0 | 86        |
| 15 | Variability and change in the Canadian cryosphere. <i>Climatic Change</i> , 2012, 115, 59-88.  | 3.6  | 79        |
| 16 | Variability in ice phenology on Great Bear Lake and Great Slave Lake, Northwest Territories, Canada, from SeaWinds/QuikSCAT: 2000–2006. <i>Remote Sensing of Environment</i> , 2009, 113, 816-834.                   | 11.0 | 78        |
| 17 | Using the MODIS land surface temperature product for mapping permafrost: an application to northern Québec and Labrador, Canada. <i>Permafrost and Periglacial Processes</i> , 2009, 20, 407-416.                    | 3.4  | 71        |
| 18 | River-ice break-up/freeze-up: a review of climatic drivers, historical trends and future predictions. <i>Annals of Glaciology</i> , 2007, 46, 443-451.   | 1.4  | 65        |

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|----|--|------|-----------|
| 19 | Radiation Modeling in Mountainous Terrain Review and Status. Mountain Research and Development, 1993, 13, 339.   | 1.0  | 63        |
| 20 | Development of a historical ice database for the study of climate change in Canada. Hydrological Processes, 2002, 16, 3707-3722.   | 2.6  | 59        |
| 21 | Simulation of ice phenology on Great Slave Lake, Northwest Territories, Canada. Hydrological Processes, 2002, 16, 3691-3706.   | 2.6  | 57        |
| 22 | Satellite microwave assessment of Northern Hemisphere lake ice phenology from 2002 to 2015. Cryosphere, 2017, 11, 47-63.   | 3.9  | 54        |
| 23 | The catastrophic thermokarst lake drainage events of 2018 in northwestern Alaska: fast-forward into the future. Cryosphere, 2020, 14, 4279-4297.   | 3.9  | 51        |
| 24 | Bootstrap-based tests for trends in hydrological time series, with application to ice phenology data. Journal of Hydrology, 2011, 410, 150-161.  | 5.4  | 50        |
| 25 | The fate of lake ice in the North American Arctic. Cryosphere, 2011, 5, 869-892.   | 3.9  | 50        |
| 26 | Microwave Backscatter From Arctic Lake Ice and Polarimetric Implications. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5972-5982.   | 6.3  | 46        |
| 27 | Mapping lichen in a caribou habitat of Northern Quebec, Canada, using an enhancement_classification method and spectral mixture analysis. Remote Sensing of Environment, 2005, 94, 232-243.  | 11.0 | 45        |
| 28 | Canadian cryospheric response to an anomalous warm summer: A synthesis of the climate change action fund project "the state of the arctic cryosphere during the extreme warm summer of 1998". Atmosphere - Ocean, 2006, 44, 347-375. | 1.6  | 44        |
| 29 | Evolution of snow and ice temperature, thickness and energy balance in Lake Orajärvi, northern Finland. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 66, 21564.   | 1.7  | 43        |
| 30 | Defining the Sensitivity of Multi-Frequency and Multi-Polarized Radar Backscatter to Post-Harvest Crop Residue. Canadian Journal of Remote Sensing, 2001, 27, 247-263.   | 2.4  | 42        |
| 31 | Estimating ice phenology on large northern lakes from AMSR-E: algorithm development and application to Great Bear Lake and Great Slave Lake, Canada. Cryosphere, 2012, 6, 235-254.   | 3.9  | 42        |
| 32 | A Neural Network Method to Determine the Presence or Absence of Permafrost near Mayo, Yukon Territory, Canada. Permafrost and Periglacial Processes, 1997, 8, 205-215.   | 3.4  | 40        |
| 33 | Arctic Freshwater Ice and Its Climatic Role. Ambio, 2011, 40, 46-52.   | 5.5  | 40        |
| 34 | Assessment of machine learning classifiers for global lake ice cover mapping from MODIS TOA reflectance data. Remote Sensing of Environment, 2021, 253, 112206.  | 11.0 | 40        |
| 35 | Lake ice growth and decay in central Alaska, USA: observations and computer simulations compared. Annals of Glaciology, 2005, 40, 195-199.   | 1.4  | 38        |
| 36 | Changing sea ice melt parameters in the Canadian Arctic Archipelago: Implications for the future presence of multiyear ice. Journal of Geophysical Research, 2008, 113, .  | 3.3  | 38        |

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|----|---|------|-----------|
| 37 | 50 years of lake ice research from active microwave remote sensing: Progress and prospects. <i>Remote Sensing of Environment</i> , 2021, 264, 112616.                                 | 11.0 | 38        |
| 38 | Spatio-temporal influence of tundra snow properties on Ku-band (17.2 GHz) backscatter. <i>Journal of Glaciology</i> , 2015, 61, 267-279.  | 2.2  | 37        |
| 39 | Sensitivity of AMSR-E Brightness Temperatures to the Seasonal Evolution of Lake Ice Thickness. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2010, 7, 751-755.                  | 3.1  | 34        |
| 40 | A comparison of simulated and measured lake ice thickness using a Shallow Water Ice Profiler. <i>Hydrological Processes</i> , 2011, 25, 2932-2941.                                    | 2.6  | 34        |
| 41 | Remote Sensing of Environmental Changes in Cold Regions: Methods, Achievements and Challenges. <i>Remote Sensing</i> , 2019, 11, 1952.  | 4.0  | 34        |
| 42 | The Potential Use of Synthetic Aperture Radar for Estimating Methane Ebullition From Arctic Lakes. <i>Journal of the American Water Resources Association</i> , 2008, 44, 305-315.    | 2.4  | 32        |
| 43 | Monitoring Bedfast Ice and Ice Phenology in Lakes of the Lena River Delta Using TerraSAR-X Backscatter and Coherence Time Series. <i>Remote Sensing</i> , 2016, 8, 903.               | 4.0  | 32        |
| 44 | An approach to the estimation of surface net radiation in mountain areas using remote sensing and digital terrain data. <i>Theoretical and Applied Climatology</i> , 1995, 52, 55-68. | 2.8  | 31        |
| 45 | Pan-Arctic Land Surface Temperature from MODIS and AATSR: Product Development and Intercomparison. <i>Remote Sensing</i> , 2012, 4, 3833-3856.  | 4.0  | 31        |
| 46 | Estimation of ice thickness on large northern lakes from AMSR-E brightness temperature measurements. <i>Remote Sensing of Environment</i> , 2014, 150, 1-19.                          | 11.0 | 31        |
| 47 | Ice Freeze-up and Break-up Detection of Shallow Lakes in Northern Alaska with Spaceborne SAR. <i>Remote Sensing</i> , 2015, 7, 6133-6159.   | 4.0  | 30        |
| 48 | Spatial and Temporal Variations in Surface Albedo of a Subarctic Landscape Using Surface-Based Measurements and Remote Sensing. <i>Arctic and Alpine Research</i> , 1997, 29, 261.    | 1.3  | 29        |
| 49 | Response of the Porcupine and Old Crow rivers in northern Yukon, Canada, to Holocene climatic change. <i>Holocene</i> , 2002, 12, 27-34.  | 1.7  | 29        |
| 50 | Ice Characteristics and Processes, and Remote Sensing of Frozen Rivers and Lakes. <i>Geophysical Monograph Series</i> , 2013, , 63-90.  | 0.1  | 29        |
| 51 | Freshwater lake ice thickness derived using surface-based X- and Ku-band FMCW scatterometers. <i>Cold Regions Science and Technology</i> , 2015, 120, 115-126.                        | 3.5  | 29        |
| 52 | Ku-, X- and C-band measured and modeled microwave backscatter from a highly saline snow cover on first-year sea ice. <i>Remote Sensing of Environment</i> , 2016, 187, 62-75.         | 11.0 | 29        |
| 53 | Megaripples at Wau-an-Namus, Libya: A new analog for similar features on Mars. <i>Icarus</i> , 2019, 319, 840-851.  | 2.5  | 29        |
| 54 | Lake Ice-Water Classification of RADARSAT-2 Images by Integrating IRGS Segmentation with Pixel-Based Random Forest Labeling. <i>Remote Sensing</i> , 2020, 12, 1425.                  | 4.0  | 29        |

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|----|--|------|-----------|
| 55 | Evaluation of Three Supervised Classifiers in Mapping "Depth to Late-Summer Frozen Ground," Central Yukon Territory. <i>Canadian Journal of Remote Sensing</i> , 1996, 22, 163-174.  | 2.4  | 28        |
| 56 | Evidence of recent changes in the ice regime of lakes in the Canadian High Arctic from spaceborne satellite observations. <i>Cryosphere</i> , 2016, 10, 941-960.   | 3.9  | 27        |
| 57 | Observing Scattering Mechanisms of Bubbled Freshwater Lake Ice Using Polarimetric RADARSAT-2 (C-Band) and UW-Scat (X- and Ku-Bands). <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 2887-2903.  | 6.3  | 27        |
| 58 | UW-Scat: A Ground-Based Dual-Frequency Scatterometer for Observation of Snow Properties. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2013, 10, 528-532.  | 3.1  | 26        |
| 59 | Model simulation of the effects of climate variability and change on lake ice in central Alaska, USA. <i>Annals of Glaciology</i> , 2005, 40, 113-118.   | 1.4  | 26        |
| 60 | Modelling Lake Ice Phenology with an Examination of Satellite-Detected Subgrid Cell Variability. <i>Advances in Meteorology</i> , 2012, 2012, 1-19.  | 1.6  | 25        |
| 61 | Climate-Lake Interactions. , 2008, , 139-160.  |      | 25        |
| 62 | Climatological trends of snowfall over the Laurentian Great Lakes Basin. <i>International Journal of Climatology</i> , 2018, 38, 3942-3962.  | 3.5  | 24        |
| 63 | Impact of partly ice-free Lake Ladoga on temperature and cloudiness in an anticyclonic winter situation " a case study using a limited area model. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 66, 23929.  | 1.7  | 24        |
| 64 | Uncertainty in snow mass retrievals from satellite passive microwave data in lake-rich high-latitude environments. <i>Hydrological Processes</i> , 2006, 20, 1019-1022.  | 2.6  | 23        |
| 65 | Holocene Evolution of Lakes in the Bluefish Basin, Northern Yukon, Canada. <i>Arctic</i> , 2009, 62, .   | 0.4  | 23        |
| 66 | Observed and Projected Climate Change in the Churchill Region of the Hudson Bay Lowlands and Implications for Pond Sustainability. <i>Arctic, Antarctic, and Alpine Research</i> , 2014, 46, 272-285.  | 1.1  | 22        |
| 67 | Use of Synthetic Aperture Radar (SAR) to Identify and Characterize Overwintering Areas of Fish in Ice-Covered Arctic Rivers: A Demonstration with Broad Whitefish and Their Habitats in the Sagavanirktok River, Alaska. <i>Transactions of the American Fisheries Society</i> , 2010, 139, 1711-1722. | 1.4  | 20        |
| 68 | The Influence of Lakes on the Regional Energy and Water Balance of the Central Mackenzie River Basin. , 2008, , 309-325.   |      | 20        |
| 69 | Evaluation of the HUT modified snow emission model over lake ice using airborne passive microwave measurements. <i>Remote Sensing of Environment</i> , 2011, 115, 233-244.   | 11.0 | 19        |
| 70 | Improvement of Lake Ice Thickness Retrieval From MODIS Satellite Data Using a Thermodynamic Model. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 5956-5965.  | 6.3  | 19        |
| 71 | Detection of Permafrost Features Using SPOT Panchromatic Imagery, Fosheim Peninsula, Ellesmere Island, N.W.T.. <i>Canadian Journal of Remote Sensing</i> , 1999, 25, 34-44.  | 2.4  | 18        |
| 72 | Estimation of Water Quality Parameters in Lake Erie from MERIS Using Linear Mixed Effect Models. <i>Remote Sensing</i> , 2016, 8, 473.   | 4.0  | 18        |

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|----|---|------|-----------|
| 73 | Semi-Automated Classification of Lake Ice Cover Using Dual Polarization RADARSAT-2 Imagery. Remote Sensing, 2018, 10, 1727.   | 4.0  | 18        |
| 74 | Mapping Surface Albedo in the East Slope of the Colorado Front Range, U.S.A., with Landsat Thematic Mapper. Arctic and Alpine Research, 1991, 23, 213.  | 1.3  | 17        |
| 75 | Observation and Modeling of X- and Ku-Band Backscatter of Snow-Covered Freshwater Lake Ice. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 3629-3642.   | 4.9  | 17        |
| 76 | Assessing the Performance of Methods for Monitoring Ice Phenology of the World's Largest High Arctic Lake Using High-Density Time Series Analysis of Sentinel-1 Data. Remote Sensing, 2020, 12, 382.  | 4.0  | 17        |
| 77 | Modelling the radiation budget of alpine snowfields with remotely sensed data: model formulation and validation. Annals of Glaciology, 1993, 17, 288-294.   | 1.4  | 16        |
| 78 | Lichen mapping in the summer range of the George River caribou herd using Landsat TM imagery. Canadian Journal of Remote Sensing, 2004, 30, 867-881.  | 2.4  | 16        |
| 79 | Application of GNSS Interferometric Reflectometry for the Estimation of Lake Ice Thickness. Remote Sensing, 2020, 12, 2721.   | 4.0  | 16        |
| 80 | Monitoring ice break-up on the Mackenzie River using MODIS data. Cryosphere, 2016, 10, 569-584.   | 3.9  | 14        |
| 81 | Satellite-derived light extinction coefficient and its impact on thermal structure simulations in a 1-D lake model. Hydrology and Earth System Sciences, 2017, 21, 377-391.   | 4.9  | 14        |
| 82 | Geophysical and atmospheric controls on Ku-, X- and C-band backscatter evolution from a saline snow cover on first-year sea ice from late-winter to pre-early melt. Remote Sensing of Environment, 2017, 198, 425-441.                          | 11.0 | 13        |
| 83 | Pan-Arctic linkages between snow accumulation and growing-season air temperature, soil moisture and vegetation. Biogeosciences, 2013, 10, 7575-7597.  | 3.3  | 12        |
| 84 | River ice phenology and thickness from satellite altimetry: potential for ice bridge road operation and climate studies. Cryosphere, 2021, 15, 5387-5407.   | 3.9  | 12        |
| 85 | Comparison of Evidential Reasoning and Neural Network Approaches in a Multi-source Classification of Alpine Tundra Vegetation. Canadian Journal of Remote Sensing, 1996, 22, 433-440.   | 2.4  | 11        |
| 86 | Impact of satellite-based lake surface observations on the initial state of HIRLAM. Part I: evaluation of remotely-sensed lake surface water temperature observations. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 66, 21534. | 1.7  | 11        |
| 87 | A software package for integrating digital elevation models into the digital analysis of remote-sensing data. Computers and Geosciences, 1989, 15, 669-678.   | 4.2  | 10        |
| 88 | Use of passive-microwave data to monitor spatial and temporal variations of snow cover at tree line near Churchill, Manitoba, Canada. Annals of Glaciology, 2002, 34, 58-64.  | 1.4  | 10        |
| 89 | Impact of satellite-based lake surface observations on the initial state of HIRLAM. Part II: Analysis of lake surface temperature and ice cover. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 66, 21395.                       | 1.7  | 10        |
| 90 | Quantifying the relationships between lake fraction, snow water equivalent and snow depth, and microwave brightness temperatures in an arctic tundra landscape. Remote Sensing of Environment, 2012, 127, 329-340.                              | 11.0 | 9         |

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|-----|--|------|-----------|
| 91  | CRYSYS - Use of the Cryospheric System to Monitor Global Change in Canada: Overview and Progress. Canadian Journal of Remote Sensing, 1999, 25, 3-11.  | 2.4  | 8         |
| 92  | Historical Spatiotemporal Trends in Snowfall Extremes over the Canadian Domain of the Great Lakes Basin. Advances in Meteorology, 2018, 2018, 1-20.  | 1.6  | 8         |
| 93  | Impact of Spectral Resolution on Quantifying Cyanobacteria in Lakes and Reservoirs: A Machine-Learning Assessment. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-20.             | 6.3  | 8         |
| 94  | Support Vector Regression for Chlorophyll-A Estimation Using Sentinel-2 Images in Small Waterbodies. , 2021, , .   |      | 8         |
| 95  | CoReH&lt;inf&gt;2&lt;/inf&gt;O, a dual frequency radar mission for snow and ice observations. , 2012, , .  |      | 7         |
| 96  | Remote Sensing of Snow Cover. Geophysical Monograph Series, 2013, , 7-38.  | 0.1  | 7         |
| 97  | Subnivean Arctic and sub-Arctic net ecosystem exchange (NEE). Progress in Physical Geography, 2013, 37, 484-515.   | 3.2  | 7         |
| 98  | Influence of surface water on coarse resolution C-band backscatter: Implications for freeze/thaw retrieval from scatterometer data. Remote Sensing of Environment, 2020, 247, 111911.              | 11.0 | 7         |
| 99  | Improvement of field fluorometry estimates of chlorophyll <i>a</i> concentration in a cyanobacteria-rich eutrophic lake. Limnology and Oceanography: Methods, 2022, 20, 193-209.                   | 2.0  | 7         |
| 100 | Remote Sensing of Surface Water and Soil Moisture. Geophysical Monograph Series, 0, , 119-142.   | 0.1  | 6         |
| 101 | A 41-year (1979â€“2019) passive-microwave-derived lake ice phenology data record of the Northern Hemisphere. Earth System Science Data, 2022, 14, 3329-3347.                                       | 9.9  | 6         |
| 102 | Remote Sensing of the Radiation Balance during the Growing Season at the Niwot Ridge Long-Term Ecological Research Site, Front Range, Colorado, U.S.A.. Arctic and Alpine Research, 1994, 26, 393. | 1.3  | 5         |
| 103 | Integrated observations of lake ice at Nam Co on the Tibetan Plateau from 2001 to 2009. , 2011, , .  |      | 5         |
| 104 | Investigating the Influence of Variable Freshwater Ice Types on Passive and Active Microwave Observations. Remote Sensing, 2017, 9, 1242.  | 4.0  | 5         |
| 105 | Assessment of coupled CRCM5â€“FLake on the reproduction of wintertime lake-induced precipitation in the Great Lakes Basin. Theoretical and Applied Climatology, 2019, 138, 77-96.                  | 2.8  | 5         |
| 106 | Mapping lichen changes in the summer range of the George River Caribou Herd (QuÃ©bec-Labrador.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf  | 0.8  | 5         |
| 107 | Incorporating Aleatoric Uncertainties in Lake Ice Mapping Using RADARSATâ€“2 SAR Images and CNNs. Remote Sensing, 2022, 14, 644.   | 4.0  | 5         |
| 108 | A New Approach for the Estimation of Lake Ice Thickness From Conventional Radar Altimetry. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.                                     | 6.3  | 5         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 109 | Towards improved objective analysis of lake surface water temperature in a NWP model: preliminary assessment of statistical properties. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2017, 69, 1313025. | 1.7 | 4         |
| 110 | Identifying groundwater discharge zones in the Central Mackenzie Valley using remotely sensed optical and thermal imagery. <i>Canadian Journal of Earth Sciences</i> , 2021, 58, 105-121.                                  | 1.3 | 4         |
| 111 | Incorporating topographic and climatic GIS data into satellite image analysis of an alpine tundra ecosystem, front range, Colorado rocky mountains. <i>Geocarto International</i> , 1995, 10, 43-60.                       | 3.5 | 3         |
| 112 | CoReH&lt;inf&gt;2&lt;/inf&gt;O - Cold Regions Hydrology High-resolution Observatory. , 2009, , .   |     | 3         |
| 113 | Radiation balance of wetland tundra at northern treeline estimated from remotely sensed data. <i>Climate Research</i> , 1999, 13, 77-90.   | 1.1 | 3         |
| 114 | COREH2O: High-resolution X/Ku-band radar imaging of cold land processes. , 2013, , .   |     | 2         |
| 115 | Advancement in Bedfast Lake ICE Mapping From Sentinel-1 Sar Data. , 2019, , .  |     | 2         |
| 116 | Enhancement-classification and spectral mixture analysis of caribou lichen habitats, northern Quebec, Canada. , 0, , .   |     | 1         |
| 117 | Modelling the radiation budget of alpine snowfields with remotely sensed data: model formulation and validation. <i>Annals of Glaciology</i> , 1993, 17, 288-294.  | 1.4 | 1         |
| 118 | A Neural Network Method to Determine the Presence or Absence of Permafrost near Mayo, Yukon Territory, Canada. <i>Permafrost and Periglacial Processes</i> , 1997, 8, 205-215.   | 3.4 | 1         |
| 119 | Utilisation d'un gÃ©oradar pour l'Ã©tude du couvert nival Ã la limite des arbres, Churchill, Manitoba. <i>Houille Blanche</i> , 2002, 88, 92-97.   | 0.3 | 1         |
| 120 | Deep convolutional neural network with random field model for lake ice mapping from Sentinel-1 imagery. <i>International Journal of Remote Sensing</i> , 2021, 42, 9351-9375.  | 2.9 | 1         |
| 121 | CoReH&lt;inf&gt;2&lt;/inf&gt;O, a dual frequency radar satellite for COld REgions Hydrology. , 2011, , .   |     | 0         |
| 122 | Spatially distributed dual frequency (17.2 and 9.2 GHz) scatterometer observations of shallow tundra snow. , 2012, , .   |     | 0         |
| 123 | Ground-based scatterometer observations of snow-covered freshwater lake ice using UW-SCAT (9.6/17.2 GHz). , 2014, , .  |     | 0         |
| 124 | Evaluation of regional-scale snow albedo characteristics during winter season from 2003 to 2014. , 2015, , .   |     | 0         |