

# Brendan O'Neill

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4928524/publications.pdf>

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9  
papers

343  
citations

1163117

8  
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1474206

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g-index

12  
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12  
docs citations

12  
times ranked

382  
citing authors

#	ARTICLE	IF	CITATIONS
1	The changing thermal state of permafrost. <i>Nature Reviews Earth &amp; Environment</i> , 2022, 3, 10-23.	29.7	127
2	Permafrost thaw and northern development. <i>Nature Climate Change</i> , 2020, 10, 722-723.	18.8	13
3	Biogeochemical Processes in the Active Layer and Permafrost of a High Arctic Fjord Valley. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	8
4	Recent advances (2010–2019) in the study of taliks. <i>Permafrost and Periglacial Processes</i> , 2020, 31, 346-357.	3.4	38
5	New ground ice maps for Canada using a paleogeographic modelling approach. <i>Cryosphere</i> , 2019, 13, 753-773.	3.9	49
6	Contemporary sand wedge development in seasonally frozen ground and paleoenvironmental implications. <i>Geomorphology</i> , 2018, 308, 215-229.	2.6	27
7	Detection of Ice Wedge Cracking in Permafrost Using Miniature Accelerometers. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 642-657.	2.8	14
8	Impacts of variations in snow cover on permafrost stability, including simulated snow management, Dempster Highway, Peel Plateau, Northwest Territories. <i>Arctic Science</i> , 2017, 3, 150-178.	2.3	34
9	Physical and temporal factors controlling the development of near-surface ground ice at Illisarvik, western Arctic coast, Canada. <i>Canadian Journal of Earth Sciences</i> , 2012, 49, 1096-1110.	1.3	33