

# Harold D B S Heorton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7394973/publications.pdf>

Version: 2024-02-01

10  
papers

114  
citations

1307594

7  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

296  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of the Impact of Ice Formation in Leads upon the Sea Ice Pack Mass Balance Using a New Frazil and Grease Ice Parameterization. <i>Journal of Physical Oceanography</i> , 2015, 45, 2025-2047.	1.7	20
2	Phased Response of the Subpolar Southern Ocean to Changes in Circumpolar Winds. <i>Geophysical Research Letters</i> , 2019, 46, 6024-6033.	4.0	20
3	The Response of the Sea Ice Edge to Atmospheric and Oceanic Jet Formation. <i>Journal of Physical Oceanography</i> , 2014, 44, 2292-2316.	1.7	15
4	Stress and deformation characteristics of sea ice in a high-resolution, anisotropic sea ice model. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170349.	3.4	14
5	A Model of Sea Ice Formation in Leads and Polynyas. <i>Journal of Physical Oceanography</i> , 2017, 47, 1701-1718.	1.7	12
6	Retrieving Sea Ice Drag Coefficients and Turning Angles From In Situ and Satellite Observations Using an Inverse Modeling Framework. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 6388-6413.	2.6	12
7	Record winter winds in 2020/21 drove exceptional Arctic sea ice transport. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	6.8	12
8	Sea Ice Formation in a Coupled Climate Model Including Grease Ice. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002103.	3.8	5
9	CryoSat-2 Significant Wave Height in Polar Oceans Derived Using a Semi-Analytical Model of Synthetic Aperture Radar 2011â€“2019. <i>Remote Sensing</i> , 2021, 13, 4166.	4.0	3
10	Safer Operations in Changing Ice-Covered Seas: Approaches and Perspectives. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , 2022, , 241-260.	0.2	1