

# John D Guthrie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8563325/publications.pdf>

Version: 2024-02-01

9  
papers

809  
citations

1039880

9  
h-index

1474057

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1488  
citing authors

#	ARTICLE	IF	CITATIONS
1	Greater role for Atlantic inflows on sea-ice loss in the Eurasian Basin of the Arctic Ocean. <i>Science</i> , 2017, 356, 285-291.	6.0	576
2	Revisiting internal waves and mixing in the Arctic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 3966-3977.	1.0	81
3	Observational validation of the diffusive convection flux laws in the <sc>A</sc>mundsen <sc>B</sc>asin, <sc>A</sc>rctic <sc>O</sc>cean. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 7880-7896.	1.0	28
4	Diffusive vertical heat flux in the Canada Basin of the Arctic Ocean inferred from moored instruments. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 496-508.	1.0	27
5	Competing Effects of Elevated Vertical Mixing and Increased Freshwater Input on the Stratification and Sea Ice Cover in a Changing Arctic Ocean. <i>Journal of Physical Oceanography</i> , 2016, 46, 1531-1553.	0.7	25
6	Regional patterns in current and future export production in the central Arctic Ocean quantified from nitrate fluxes. <i>Geophysical Research Letters</i> , 2016, 43, 8600-8608.	1.5	23
7	A warm jet in a cold ocean. <i>Nature Communications</i> , 2021, 12, 2418.	5.8	20
8	Thermohaline staircases in the <sc>A</sc>mundsen <sc>B</sc>asin: Possible disruption by shear and mixing. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 7767-7782.	1.0	17
9	Not Just Sea Ice: Other Factors Important to Nearâ€œnertial Wave Generation in the Arctic Ocean. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090508.	1.5	12