

Rebecca A Woodgate

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

5,407
citations

172386
29
h-index

414303
32
g-index

32
all docs

32
docs citations

32
times ranked

3965
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Mean and Seasonal Circulation of the Eastern Chukchi Sea From Moored Timeseries in 2013–2014. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016863. | 1.0 | 9 |
| 2 | Warming and Freshening of the Pacific Inflow to the Arctic From 1990–2019 Implying Dramatic Shoaling in Pacific Winter Water Ventilation of the Arctic Water Column. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092528. | 1.5 | 70 |
| 3 | Elucidating Large-Scale Atmospheric Controls on Bering Strait Throughflow Variability Using a Data-Constrained Ocean Model and Its Adjoint. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016213. | 1.0 | 13 |
| 4 | Arctic Mediterranean exchanges: a consistent volume budget and trends in transports from two decades of observations. <i>Ocean Science</i> , 2019, 15, 379-399. | 1.3 | 93 |
| 5 | Monthly Variability in Bering Strait Oceanic Volume and Heat Transports, Links to Atmospheric Circulation and Ocean Temperature, and Implications for Sea Ice Conditions. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 9317-9337. | 1.0 | 34 |
| 6 | Increases in the Pacific inflow to the Arctic from 1990 to 2015, and insights into seasonal trends and driving mechanisms from year-round Bering Strait mooring data. <i>Progress in Oceanography</i> , 2018, 160, 124-154. | 1.5 | 310 |
| 7 | Flow Patterns in the Eastern Chukchi Sea: 2010–2015. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 1177-1195. | 1.0 | 71 |
| 8 | The Dominant Role of the East Siberian Sea in Driving the Oceanic Flow Through the Bering Strait—Conclusions From GRACE Ocean Mass Satellite Data and In Situ Mooring Observations Between 2002 and 2016. <i>Geophysical Research Letters</i> , 2017, 44, 11,472. | 1.5 | 43 |
| 9 | Variability, trends, and predictability of seasonal sea ice retreat and advance in the Chukchi Sea. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 7308-7325. | 1.0 | 109 |
| 10 | A Synthesis of Year-Round Interdisciplinary Mooring Measurements in the Bering Strait (1990–2014) and the RUSALCA Years (2004–2011). <i>Oceanography</i> , 2015, 28, 46-67. | 0.5 | 132 |
| 11 | Arctic freshwater export: Status, mechanisms, and prospects. <i>Global and Planetary Change</i> , 2015, 125, 13-35. | 1.6 | 327 |
| 12 | Seasonal and interannual variability of pan-Arctic surface mixed layer properties from 1979 to 2012 from hydrographic data, and the dominance of stratification for multiyear mixed layer depth shoaling. <i>Progress in Oceanography</i> , 2015, 134, 19-53. | 1.5 | 183 |
| 13 | Coupled wind-forced controls of the Bering–Chukchi shelf circulation and the Bering Strait throughflow: Ekman transport, continental shelf waves, and variations of the Pacific–Arctic sea surface height gradient. <i>Progress in Oceanography</i> , 2014, 125, 40-61. | 1.5 | 150 |
| 14 | Observed increases in Bering Strait oceanic fluxes from the Pacific to the Arctic from 2001 to 2011 and their impacts on the Arctic Ocean water column. <i>Geophysical Research Letters</i> , 2012, 39, . | 1.5 | 306 |
| 15 | Upwelling in the Alaskan Beaufort Sea: Atmospheric forcing and local versus non-local response. <i>Progress in Oceanography</i> , 2011, 88, 78-100. | 1.5 | 82 |
| 16 | Fate of Early 2000s Arctic Warm Water Pulse. <i>Bulletin of the American Meteorological Society</i> , 2011, 92, 561-566. | 1.7 | 81 |
| 17 | Estimation of heat flux through the eastern Bering Strait. <i>Journal of Oceanography</i> , 2010, 66, 405-424. | 0.7 | 27 |
| 18 | Sea Ice Response to Atmospheric and Oceanic Forcing in the Bering Sea. <i>Journal of Physical Oceanography</i> , 2010, 40, 1729-1747. | 0.7 | 100 |

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|----|---|-----|-----------|
| 19 | The 2007 Bering Strait oceanic heat flux and anomalous Arctic sea-ice retreat. <i>Geophysical Research Letters</i> , 2010, 37, . | 1.5 | 335 |
| 20 | Analysis of the Arctic System for Freshwater Cycle Intensification: Observations and Expectations. <i>Journal of Climate</i> , 2010, 23, 5715-5737. | 1.2 | 303 |
| 21 | Seasonal modification of the Arctic Ocean intermediate water layer off the eastern Laptev Sea continental shelf break. <i>Journal of Geophysical Research</i> , 2009, 114, . | 3.3 | 36 |
| 22 | Observations of internal wave generation in the seasonally ice-free Arctic. <i>Geophysical Research Letters</i> , 2009, 36, . | 1.5 | 129 |
| 23 | Atlantic water circulation over the Mendeleev Ridge and Chukchi Borderland from thermohaline intrusions and water mass properties. <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 74 |
| 24 | The arctic freshwater system: Changes and impacts. <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 203 |
| 25 | Interannual changes in the Bering Strait fluxes of volume, heat and freshwater between 1991 and 2004. <i>Geophysical Research Letters</i> , 2006, 33, . | 1.5 | 239 |
| 26 | The large-scale freshwater cycle of the Arctic. <i>Journal of Geophysical Research</i> , 2006, 111, . | 3.3 | 478 |
| 27 | Some controls on flow and salinity in Bering Strait. <i>Geophysical Research Letters</i> , 2006, 33, . | 1.5 | 107 |
| 28 | Pacific ventilation of the Arctic Ocean's lower halocline by upwelling and diapycnal mixing over the continental margin. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a. | 1.5 | 94 |
| 29 | Circulation on the north central Chukchi Sea shelf. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2005, 52, 3150-3174. | 0.6 | 346 |
| 30 | A year in the physical oceanography of the Chukchi Sea: Moored measurements from autumn 1990-1991. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2005, 52, 3116-3149. | 0.6 | 325 |
| 31 | Revising the Bering Strait freshwater flux into the Arctic Ocean. <i>Geophysical Research Letters</i> , 2005, 32, . | 1.5 | 306 |
| 32 | Monthly temperature, salinity, and transport variability of the Bering Strait through flow. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a. | 1.5 | 292 |