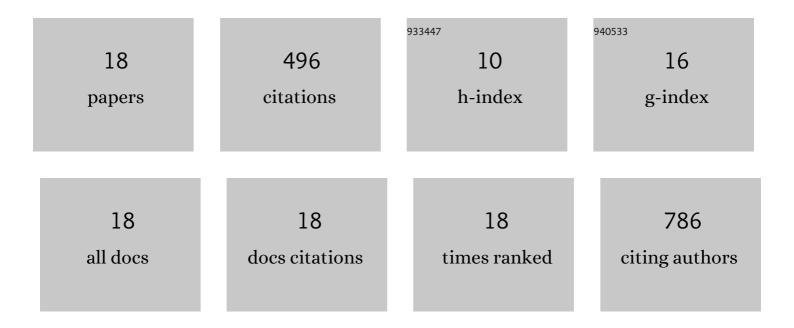
Susan J Rennie

List of Publications by Year in descending order

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SUSAN | DENNIE

#	Article	IF	CITATIONS
1	The Leeuwin Current and its eddies: An introductory overview. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 789-796.	1.4	118
2	BARRA v1.0: the Bureau of Meteorology Atmospheric high-resolution Regional Reanalysis for Australia. Geoscientific Model Development, 2019, 12, 2049-2068.	3.6	86
3	Physical properties and processes in the Perth Canyon, Western Australia: Links to water column production and seasonal pygmy blue whale abundance. Journal of Marine Systems, 2009, 77, 21-44.	2.1	79
4	Eddy formation through the interaction between the Leeuwin Current, Leeuwin Undercurrent and topography. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 818-836.	1.4	55
5	3D-Var Assimilation of Insect-Derived Doppler Radar Radial Winds in Convective Cases Using a High-Resolution Model. Monthly Weather Review, 2011, 139, 1148-1163.	1.4	33
6	Numerical simulation of the circulation within the Perth Submarine Canyon, Western Australia. Continental Shelf Research, 2009, 29, 2020-2036.	1.8	32
7	Common orientation and layering of migrating insects in southeastern Australia observed with a Doppler weather radar. Meteorological Applications, 2014, 21, 218-229.	2.1	23
8	The accuracy of Doppler radar wind retrievals using insects as targets. Meteorological Applications, 2010, 17, 419-432.	2.1	19
9	Thermal structure above the Perth Canyon reveals Leeuwin Current, Undercurrent and weather influences and the potential for upwelling. Marine and Freshwater Research, 2006, 57, 849.	1.3	13
10	Bayesian Echo Classification for Australian Single-Polarization Weather Radar with Application to Assimilation of Radial Velocity Observations. Journal of Atmospheric and Oceanic Technology, 2015, 32, 1341-1355.	1.3	12
11	Factors Affecting the Use and Outcomes of Interactive Science Exhibits in Community Settings. Visitor Studies, 2010, 13, 222-237.	0.9	7
12	Assessment of Doppler Radar Radial Wind Observation Quality from Different Echo Sources for Assimilation during the Sydney 2014 Forecast Demonstration Project. Journal of Atmospheric and Oceanic Technology, 2018, 35, 1605-1620.	1.3	4
13	Impact of Doppler Radar Wind Observations on Australian High-Resolution Numerical Weather Prediction. Weather and Forecasting, 2020, 35, 309-324.	1.4	4
14	Using GNSS Data for Real-time Moisture Analysis and Forecasting over the Australian Region I. The System. Journal of Southern Hemisphere Earth Systems Science, 2019, 69, 1-21.	1.8	4
15	The use of advanced radar in the Bureau of Meteorology. , 2013, , .		3
16	APS2-ACCESS-C2: the first Australian operational NWP convection-permitting model. Journal of Southern Hemisphere Earth Systems Science, 2022, 72, 1-18.	1.8	2
17	ACCESS-C: Australian Convective-Scale NWP with Hourly 4D-Var Data Assimilation. Weather and Forecasting, 2022, 37, 1287-1303.	1.4	2
18	Experimental assimilation of synthetic bogus tropical cyclone pressure observations into a high-resolution rapid-update NWP model. Journal of Southern Hemisphere Earth Systems Science, 2020, 70, 215.	1.8	0