Susan J Rennie

List of Publications by Year
in descending order

18	496	933447 10	940533 16
papers	citations	h-index	g-index

18	18	18	786
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	ACCESS-C: Australian Convective-Scale NWP with Hourly 4D-Var Data Assimilation. Weather and Forecasting, 2022, 37, 1287-1303.	1.4	2
3	Impact of Doppler Radar Wind Observations on Australian High-Resolution Numerical Weather Prediction. Weather and Forecasting, 2020, 35, 309-324.	1.4	4
4	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
5	BARRA v1.0: the Bureau of Meteorology Atmospheric high-resolution Regional Reanalysis for Australia. Geoscientific Model Development, 2019, 12, 2049-2068.	3.6	86
6	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
7	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
8	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
9	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
10	The use of advanced radar in the Bureau of Meteorology. , 2013, , .		3
11	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
12	Factors Affecting the Use and Outcomes of Interactive Science Exhibits in Community Settings. Visitor Studies, 2010, 13, 222-237.	0.9	7
13	The accuracy of Doppler radar wind retrievals using insects as targets. Meteorological Applications, 2010, 17, 419-432.	2.1	19
14	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
15	Numerical simulation of the circulation within the Perth Submarine Canyon, Western Australia. Continental Shelf Research, 2009, 29, 2020-2036.	1.8	32
16	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
17	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
18	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