

Susan J Rennie

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

496
citations

933447

10
h-index

940533

16
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18
all docs

18
docs citations

18
times ranked

786
citing authors

#	ARTICLE	IF	CITATIONS
1	The Leeuwin Current and its eddies: An introductory overview. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 789-796.	1.4	118
2	BARRA v1.0: the Bureau of Meteorology Atmospheric high-resolution Regional Reanalysis for Australia. <i>Geoscientific Model Development</i> , 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. <i>Journal of Marine Systems</i> , 2009, 77, 21-44.	2.1	79
4	Eddy formation through the interaction between the Leeuwin Current, Leeuwin Undercurrent and topography. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 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. <i>Monthly Weather Review</i> , 2011, 139, 1148-1163.	1.4	33
6	Numerical simulation of the circulation within the Perth Submarine Canyon, Western Australia. <i>Continental Shelf Research</i> , 2009, 29, 2020-2036.	1.8	32
7	Common orientation and layering of migrating insects in southeastern Australia observed with a Doppler weather radar. <i>Meteorological Applications</i> , 2014, 21, 218-229.	2.1	23
8	The accuracy of Doppler radar wind retrievals using insects as targets. <i>Meteorological Applications</i> , 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. <i>Marine and Freshwater Research</i> , 2006, 57, 849.	1.3	13
10	Bayesian Echo Classification for Australian Single-Polarization Weather Radar with Application to Assimilation of Radial Velocity Observations. <i>Journal of Atmospheric and Oceanic Technology</i> , 2015, 32, 1341-1355.	1.3	12
11	Factors Affecting the Use and Outcomes of Interactive Science Exhibits in Community Settings. <i>Visitor Studies</i> , 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. <i>Journal of Atmospheric and Oceanic Technology</i> , 2018, 35, 1605-1620.	1.3	4
13	Impact of Doppler Radar Wind Observations on Australian High-Resolution Numerical Weather Prediction. <i>Weather and Forecasting</i> , 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. <i>Journal of Southern Hemisphere Earth Systems Science</i> , 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. <i>Journal of Southern Hemisphere Earth Systems Science</i> , 2022, 72, 1-18.	1.8	2
17	ACCESS-C: Australian Convective-Scale NWP with Hourly 4D-Var Data Assimilation. <i>Weather and Forecasting</i> , 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. <i>Journal of Southern Hemisphere Earth Systems Science</i> , 2020, 70, 215.	1.8	0