

Alecia Bellgrove

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,554
citations

430874

18
h-index

330143

37
g-index

48
all docs

48
docs citations

48
times ranked

2739
citing authors

#	ARTICLE	IF	CITATIONS
1	BioTIME: A database of biodiversity time series for the Anthropocene. <i>Global Ecology and Biogeography</i> , 2018, 27, 760-786.	5.8	289
2	Comparison of marine macrophytes for their contributions to blue carbon sequestration. <i>Ecology</i> , 2015, 96, 3043-3057.	3.2	162
3	Can macroalgae contribute to blue carbon? An Australian perspective. <i>Limnology and Oceanography</i> , 2015, 60, 1689-1706.	3.1	153
4	Applications of unmanned aerial vehicles in intertidal reef monitoring. <i>Scientific Reports</i> , 2017, 7, 10259.	3.3	98
5	Carbon dioxide mitigation potential of seaweed aquaculture beds (SABs). <i>Journal of Applied Phycology</i> , 2017, 29, 2363-2373.	2.8	84
6	Habitat suitability for marine fishes using presence-only modelling and multibeam sonar. <i>Marine Ecology - Progress Series</i> , 2010, 420, 157-174.	1.9	70
7	DISPERSAL OF <i>HORMOSIRA BANKSII</i> (PHAEOPHYCEAE) VIA DETACHED FRAGMENTS: REPRODUCTIVE VIABILITY AND LONGEVITY. <i>Journal of Phycology</i> , 2008, 44, 1108-1115.	2.3	55
8	Effects of secondarily treated sewage effluent on intertidal macroalgal recruitment processes. <i>Marine and Freshwater Research</i> , 1997, 48, 137.	1.3	53
9	Remotely sensed hydroacoustics and observation data for predicting fish habitat suitability. <i>Continental Shelf Research</i> , 2011, 31, S17-S27.	1.8	48
10	An integrated study of the temporal and spatial variation in the supply of propagules, recruitment and assemblages of intertidal macroalgae on a wave-exposed rocky coast, Victoria, Australia. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 310, 207-225.	1.5	47
11	Local thermal adaptation and limited gene flow constrain future climate responses of a marine ecosystem engineer. <i>Evolutionary Applications</i> , 2020, 13, 918-934.	3.1	46
12	Restoration of the habitat-forming fucoid alga <i>Hormosira banksii</i> at effluent-affected sites: competitive exclusion by coralline turfs. <i>Marine Ecology - Progress Series</i> , 2010, 419, 47-56.	1.9	37
13	Aboriginal uses of seaweeds in temperate Australia: an archival assessment. <i>Journal of Applied Phycology</i> , 2018, 30, 1821-1832.	2.8	32
14	Is Australian seaweed worth eating? Nutritional and sensorial properties of wild-harvested Australian versus commercially available seaweeds. <i>Journal of Applied Phycology</i> , 2019, 31, 709-724.	2.8	32
15	Genetic connectivity between trans-oceanic populations of <i>Capreolia implexa</i> (Gelidiales, Rhodophyta) in cool temperate waters of Australasia and Chile. <i>Aquatic Botany</i> , 2014, 119, 73-79.	1.6	29
16	Restoring rocky intertidal communities: Lessons from a benthic macroalgal ecosystem engineer. <i>Marine Pollution Bulletin</i> , 2017, 117, 17-27.	5.0	27
17	Individual specialization in a migratory grazer reflects long-term diet selectivity on a foraging ground: implications for isotope-based tracking. <i>Oecologia</i> , 2018, 188, 429-439.	2.0	25
18	Dislodgment and attachment strength of the intertidal macroalga <i>Hormosira banksii</i> (Fucales). <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 414, 10-19.	1.4	22

#	ARTICLE	IF	CITATIONS
19	Title is missing!. Journal of Applied Phycology, 2003, 15, 311-318.	2.8	19
20	Disturbance alters ecosystem engineering by a canopy-forming alga. Journal of the Marine Biological Association of the United Kingdom, 2018, 98, 687-698.	0.8	18
21	Drifting or walking? Colonisation routes used by different instars and species of lotic, macroinvertebrate filter feeders. Marine and Freshwater Research, 2005, 56, 815.	1.3	16
22	Variation in gametophyte dominance in populations of <i>Chondrus verrucosus</i> (Gigartinaceae). Journal of Applied Phycology, 2010, 16, 107-115.	1.6	15
23	Using community-based monitoring with GIS to create habitat maps for a marine protected area in Australia. Journal of the Marine Biological Association of the United Kingdom, 2008, 88, 865-871.	0.8	15
24	Nutritional composition and heavy metal profiling of Australian kelps cultured in proximity to salmon and mussel farms. Algal Research, 2022, 64, 102672.	4.6	14
25	Expert perceptions of seaweed farming for sustainable development. Journal of Cleaner Production, 2022, 368, 133052.	9.3	13
26	No outbreeding depression at a regional scale for a habitat-forming intertidal alga with limited dispersal. Marine and Freshwater Research, 2006, 57, 655.	1.3	11
27	Effects of micro- and mesograzers on intertidal macroalgal recruitment. Marine Biology, 2014, 161, 1207-1216.	1.5	9
28	'There's a much bigger world of science than just Australia': Australian students' development of disciplinary knowledge, transferable skills and attributes through a New Colombo Plan short-term mobility program to Japan. International Journal of Science Education, 2021, 43, 888-905.	1.9	9
29	Towards a 2025 National Ocean Literacy Strategy: Current Status and Future Needs in Primary Education. Frontiers in Marine Science, 0, 9, .	2.5	9
30	The Influence of Canopy Cover on the Ecological Function of A Key Autogenic Ecosystem Engineer. Diversity, 2019, 11, 79.	1.7	8
31	Optimal spawning conditions of <i>Phyllospora comosa</i> (Phaeophyceae, Fucales) for mariculture. Journal of Applied Phycology, 2019, 31, 3041-3050.	2.8	8
32	Maintenance of Complex Life Cycles Via Cryptic Differences In The Ecophysiology Of Haploid And Diploid Spores Of An Isomorphic Red Alga. Journal of Phycology, 2020, 56, 159-169.	2.3	7
33	Small-scale temporal variation in propagule supply of an intertidal red alga. Phycologia, 2006, 45, 458-464.	1.4	6
34	FOURIER TRANSFORM INFRARED MICROSPECTROSCOPY AS A TOOL TO IDENTIFY MACROALGAL PROPAGULES. Journal of Phycology, 2009, 45, 560-570.	2.3	6
35	New resource for population genetics studies on the Australasian intertidal brown alga, <i>Hormosira banksii</i> : isolation and characterization of 15 polymorphic microsatellite loci through next generation DNA sequencing. Journal of Applied Phycology, 2017, 29, 1721-1727.	2.8	6
36	Photosynthetic performance of transplanted ecotypes of <i>Ecklonia cava</i> (Laminariales, Phaeophyta). Journal of Applied Phycology, 2004, 16, 227-235.	2.8	5

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37	Influence of intermittent estuary outflow on coastal sediments of adjacent sandy beaches. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 92, 59-69.	2.1	5
38	Attachment strength differs amongst life history stages of an intertidal, isomorphic red alga. <i>Phycological Research</i> , 2020, 68, 144-151.	1.6	5
39	Growth and survivorship of <i>Phyllospora comosa</i> (Phaeophyceae, Fucales) on different mariculture seeding twines in a hatchery setting. <i>Aquaculture</i> , 2020, 523, 735216.	3.5	5
40	Reading over and under the waves: A study of ocean picture books for children. <i>Australian Journal of Environmental Education</i> , 2021, 37, 167-186.	2.2	4
41	Variation in biochemical composition of wild-harvested <i>Macrocystis pyrifera</i> (Ochrophyta) from sites proximal and distal to salmon farms in Tasmania, Australia. <i>Algal Research</i> , 2022, 65, 102745.	4.6	4
42	Barriers to restoration: Pollution alters nurse effects for an ecosystem engineer. <i>Journal of Applied Ecology</i> , 2021, 58, 2783-2796.	4.0	3
43	Turning up the heat. <i>Journal of Phycology</i> , 2013, 49, 627-629.	2.3	2
44	Flagellar motility during sperm chemotaxis and phototaxis in fucalean algae. <i>European Journal of Phycology</i> , 2021, 56, 85-93.	2.0	2
45	A life well lived: Joanna Jones (Kain) 1930-2017. <i>Journal of Applied Phycology</i> , 2017, 29, 2707-2711.	2.8	1
46	Knowing, acting and becoming: Australian students' curriculum-specific learning through a New Colombo Plan short-term mobility program to Japan. <i>Educational Review</i> , 0, , 1-18.	3.7	0