

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
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48
all docs

48
docs citations

48
times ranked

2739
citing authors

#	ARTICLE	IF	CITATIONS
1	Nutritional composition and heavy metal profiling of Australian kelps cultured in proximity to salmon and mussel farms. <i>Algal Research</i> , 2022, 64, 102672.	4.6	14
2	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
3	Expert perceptions of seaweed farming for sustainable development. <i>Journal of Cleaner Production</i> , 2022, 368, 133052.	9.3	13
4	Flagellar motility during sperm chemotaxis and phototaxis in fucalean algae. <i>European Journal of Phycology</i> , 2021, 56, 85-93.	2.0	2
5	‘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. <i>International Journal of Science Education</i> , 2021, 43, 888-905.	1.9	9
6	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
7	Barriers to restoration: Pollution alters nurse effects for an ecosystem engineer. <i>Journal of Applied Ecology</i> , 2021, 58, 2783-2796.	4.0	3
8	Maintenance of Complex Life Cycles Via Cryptic Differences In The Ecophysiology Of Haploid And Diploid Spores Of An Isomorphic Red Alga. <i>Journal of Phycology</i> , 2020, 56, 159-169.	2.3	7
9	Attachment strength differs amongst life history stages of an intertidal, isomorphic red alga. <i>Phycological Research</i> , 2020, 68, 144-151.	1.6	5
10	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
11	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
12	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
13	The Influence of Canopy Cover on the Ecological Function of A Key Autogenic Ecosystem Engineer. <i>Diversity</i> , 2019, 11, 79.	1.7	8
14	Optimal spawning conditions of <i>Phyllospora comosa</i> (Phaeophyceae, Fucales) for mariculture. <i>Journal of Applied Phycology</i> , 2019, 31, 3041-3050.	2.8	8
15	Aboriginal uses of seaweeds in temperate Australia: an archival assessment. <i>Journal of Applied Phycology</i> , 2018, 30, 1821-1832.	2.8	32
16	Disturbance alters ecosystem engineering by a canopy-forming alga. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2018, 98, 687-698.	0.8	18
17	BioTIME: A database of biodiversity time series for the Anthropocene. <i>Global Ecology and Biogeography</i> , 2018, 27, 760-786.	5.8	289
18	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

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19	Restoring rocky intertidal communities: Lessons from a benthic macroalgal ecosystem engineer. <i>Marine Pollution Bulletin</i> , 2017, 117, 17-27.	5.0	27
20	Carbon dioxide mitigation potential of seaweed aquaculture beds (SABs). <i>Journal of Applied Phycology</i> , 2017, 29, 2363-2373.	2.8	84
21	Applications of unmanned aerial vehicles in intertidal reef monitoring. <i>Scientific Reports</i> , 2017, 7, 10259.	3.3	98
22	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. <i>Journal of Applied Phycology</i> , 2017, 29, 1721-1727.	2.8	6
23	A life well lived: Joanna Jones (Kain) 1930–2017. <i>Journal of Applied Phycology</i> , 2017, 29, 2707-2711.	2.8	1
24	Can macroalgae contribute to blue carbon? An Australian perspective. <i>Limnology and Oceanography</i> , 2015, 60, 1689-1706.	3.1	153
25	Comparison of marine macrophytes for their contributions to blue carbon sequestration. <i>Ecology</i> , 2015, 96, 3043-3057.	3.2	162
26	Effects of micro- and mesograzers on intertidal macroalgal recruitment. <i>Marine Biology</i> , 2014, 161, 1207-1216.	1.5	9
27	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
28	Turning up the heat. <i>Journal of Phycology</i> , 2013, 49, 627-629.	2.3	2
29	Remotely sensed hydroacoustics and observation data for predicting fish habitat suitability. <i>Continental Shelf Research</i> , 2011, 31, S17-S27.	1.8	48
30	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
31	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
32	Restoration of the habitat-forming furoid 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
33	FOURIER TRANSFORM INFRARED MICROSPECTROSCOPY AS A TOOL TO IDENTIFY MACROALGAL PROPAGULES. <i>Journal of Phycology</i> , 2009, 45, 560-570.	2.3	6
34	Dislodgment and attachment strength of the intertidal macroalga <i>Hormosira banksii</i> (Fucales). <i>Journal of Applied Phycology</i> , 2008, 22, 1-14.	1.4	22
35	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
36	Variation in gametophyte dominance in populations of <i>Chondrus verrucosus</i> (Gigartinaeae). <i>Journal of Applied Phycology</i> , 2007, 15, 9-16.	1.6	15

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37	Using community-based monitoring with GIS to create habitat maps for a marine protected area in Australia. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2008, 88, 865-871.	0.8	15
38	Small-scale temporal variation in propagule supply of an intertidal red alga. <i>Phycologia</i> , 2006, 45, 458-464.	1.4	6
39	No outbreeding depression at a regional scale for a habitat-forming intertidal alga with limited dispersal. <i>Marine and Freshwater Research</i> , 2006, 57, 655.	1.3	11
40	Drifting or walking? Colonisation routes used by different instars and species of lotic, macroinvertebrate filter feeders. <i>Marine and Freshwater Research</i> , 2005, 56, 815.	1.3	16
41	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
42	Photosynthetic performance of transplanted ecotypes of <i>Ecklonia cava</i> (Laminariales, Phaeophyta). <i>Journal of Applied Phycology</i> , 2004, 16, 227-235.	2.8	5
43	Title is missing!. <i>Journal of Applied Phycology</i> , 2003, 15, 311-318.	2.8	19
44	Effects of secondarily treated sewage effluent on intertidal macroalgal recruitment processes. <i>Marine and Freshwater Research</i> , 1997, 48, 137.	1.3	53
45	Knowing, acting and becoming: Australian students's curriculum-specific learning through a New Colombo Plan short-term mobility program to Japan. <i>Educational Review</i> , 0, , 1-18.	3.7	0
46	Towards a 2025 National Ocean Literacy Strategy: Current Status and Future Needs in Primary Education. <i>Frontiers in Marine Science</i> , 0, 9, .	2.5	9