

Matthew John Vucko

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

852
citations

840776

11
h-index

888059

17
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18
all docs

18
docs citations

18
times ranked

1094
citing authors

#	ARTICLE	IF	CITATIONS
1	The Future of Aquatic Protein: Implications for Protein Sources in Aquaculture Diets. <i>One Earth</i> , 2019, 1, 316-329.	6.8	433
2	The red macroalgae <i>Asparagopsis taxiformis</i> is a potent natural antimethanogenic that reduces methane production during in vitro fermentation with rumen fluid. <i>Animal Production Science</i> , 2016, 56, 282.	1.3	132
3	Enrichment processes for the production of high-protein feed from the green seaweed <i>Ulva ohnoi</i> . <i>Algal Research</i> , 2019, 41, 101555.	4.6	48
4	The effects of processing on the in vitro antimethanogenic capacity and concentration of secondary metabolites of <i>Asparagopsis taxiformis</i> . <i>Journal of Applied Phycology</i> , 2017, 29, 1577-1586.	2.8	32
5	Marine antifouling from thin air. <i>Biofouling</i> , 2014, 30, 1045-1054.	2.2	30
6	The effects of concentration and supplementation time of natural and synthetic sources of astaxanthin on the colouration of the prawn <i>Penaeus monodon</i> . <i>Algal Research</i> , 2018, 35, 577-585.	4.6	26
7	Using oil immersion to deliver a naturally-derived, stable bromoform product from the red seaweed <i>Asparagopsis taxiformis</i> . <i>Algal Research</i> , 2020, 51, 102065.	4.6	26
8	<i>In Vitro</i> Evaluation of the Antimethanogenic Potency and Effects on Fermentation of Individual and Combinations of Marine Macroalgae. <i>American Journal of Plant Sciences</i> , 2016, 07, 2038-2054.	0.8	23
9	Enhancing the colouration of the marine ornamental fish <i>Pseudochromis fridmani</i> using natural and synthetic sources of astaxanthin. <i>Algal Research</i> , 2019, 42, 101596.	4.6	21
10	The freshwater macroalga <i>Oedogonium intermedium</i> can meet the nutritional requirements of the herbivorous fish <i>Ancistrus cirrhosus</i> . <i>Algal Research</i> , 2017, 27, 21-31.	4.6	18
11	Ecological associations among epidermal microstructure and scale characteristics of Australian geckos (Squamata: Carphodactylidae and Diplodactylidae). <i>Journal of Anatomy</i> , 2019, 234, 853-874.	1.5	15
12	Skin hydrophobicity as an adaptation for self-cleaning in geckos. <i>Ecology and Evolution</i> , 2020, 10, 4640-4651.	1.9	12
13	Multiple response optimisation of the aqueous extraction of high quality ulvan from <i>Ulva ohnoi</i> . <i>Bioresource Technology Reports</i> , 2019, 7, 100262.	2.7	9
14	Maximising the productivity of the attached cultivation of <i>Ulva tepida</i> in land-based systems. <i>Algal Research</i> , 2019, 40, 101507.	4.6	8
15	Estimating the biomass density of macroalgae in land-based cultivation systems using spectral reflectance imagery. <i>Algal Research</i> , 2020, 50, 102009.	4.6	8
16	A New Method to Examine the Oberhautchen of Lizard Skin. <i>Copeia</i> , 2008, 2008, 868-871.	1.3	6
17	A comparative assessment on how molasses and CO ₂ gas prevent carbon limitation in the large-scale culture of freshwater macroalgae. <i>Algal Research</i> , 2017, 27, 215-222.	4.6	5
18	Plant growth-promoting properties of extracts produced by fermenting the freshwater macroalga, <i>Oedogonium intermedium</i> . <i>Algal Research</i> , 2021, 58, 102435.	4.6	0