

Ruth Falshaw

List of Publications by Year in descending order

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45
papers

1,593
citations

279487

23
h-index

288905

40
g-index

48
all docs

48
docs citations

48
times ranked

1201
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth and carrageenan composition of two populations of the New Zealand carrageenophyte <i>Sarcothalia lanceata</i> (Gigartinaceae, Rhodophyta). <i>Journal of Applied Phycology</i> , 2018, 30, 2485-2497.	1.5	7
2	Urban Equilibrium for sustainable cities and the contribution of timber buildings to balance urban carbon emissions: A New Zealand case study. <i>Journal of Cleaner Production</i> , 2017, 143, 1001-1010.	4.6	37
3	Aquaculture of <i>Sarcothalia atropurpurea</i> tetraspores in New Zealand for carrageenan production. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2017, 51, 528-542.	0.8	4
4	Clump structure, population structure and non-destructive biomass estimation of the New Zealand carrageenophyte <i>Sarcothalia lanceata</i> (Gigartinaceae, Rhodophyta). <i>Botanica Marina</i> , 2016, 59, 373-385.	0.6	1
5	Anti-HSV1 activity of brown algal polysaccharides and possible relevance to the treatment of Alzheimer's disease. <i>International Journal of Biological Macromolecules</i> , 2015, 74, 530-540.	3.6	52
6	Trivalent iron induced gelation in lambda-carrageenan. <i>Carbohydrate Polymers</i> , 2012, 87, 2735-2739.	5.1	67
7	Virucidal activity of polysaccharide extracts from four algal species against herpes simplex virus. <i>Antiviral Research</i> , 2009, 83, 282-289.	1.9	149
8	Chemotaxonomy of New Zealand red algae in the family Gigartinaceae (Rhodophyta) based on galactan structures from the tetrasporophyte life-stage. <i>Carbohydrate Research</i> , 2009, 344, 210-216.	1.1	10
9	Structure and Antiviral Activity of the Galactofucan Sulfates Extracted from <i>Undaria Pinnatifida</i> (Phaeophyta). <i>Journal of Applied Phycology</i> , 2006, 18, 185-193.	1.5	143
10	A zymogram method for detecting carrageenase activity. <i>Analytical Biochemistry</i> , 2005, 347, 336-338.	1.1	7
11	Structural analysis of carrageenans from the red alga, <i>Callophyllis hombroniana</i> Mont. (Kallymeniaceae, Rhodophyta). <i>Carbohydrate Research</i> , 2005, 340, 1149-1158.	1.1	23
12	History, current status and future of marine macroalgal research in New Zealand: Taxonomy, ecology, physiology and human uses. <i>Phycological Research</i> , 2004, 52, 80-106.	0.8	13
13	Enzyme-catalysed synthesis of galactosylated 1d- and 1l-chiro-inositol, 1d-pinitol, myo-inositol and selected derivatives using the Î²-galactosidase from the thermophile <i>Thermoanaerobacter</i> sp. strain TP6-B1. <i>Carbohydrate Research</i> , 2004, 339, 1857-1871.	1.1	13
14	History, current status and future of marine macroalgal research in New Zealand: Taxonomy, ecology, physiology and human uses. <i>Phycological Research</i> , 2004, 52, 80-106.	0.8	22
15	Title is missing!. <i>Journal of Applied Phycology</i> , 2003, 15, 391-405.	1.5	13
16	Structure and performance of commercial Î²-2 carrageenan extracts. Part III. Structure analysis and performance in two dairy applications of extracts from the New Zealand red seaweed, <i>Gigartina atropurpurea</i> . <i>Food Hydrocolloids</i> , 2003, 17, 129-139.	5.6	43
17	Analysis of pyruvylated Î²-carrageenan by 2D NMR spectroscopy and reductive partial hydrolysis. <i>Carbohydrate Research</i> , 2003, 338, 1403-1414.	1.1	21
18	Kappa-2 carrageenan: structure and performance of commercial extracts. <i>Food Hydrocolloids</i> , 2001, 15, 619-630.	5.6	82

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19	Structure and performance of commercial kappa-2 carrageenan extracts. <i>Food Hydrocolloids</i> , 2001, 15, 441-452.	5.6	92
20	Comparison of the glycosaminoglycans isolated from the skin and head cartilage of Gould's arrow squid (<i>Nototodarus gouldi</i>). <i>Carbohydrate Polymers</i> , 2000, 41, 357-364.	5.1	19
21	Covalently linked anthocyanin-flavonol pigments from blue <i>Agapanthus</i> flowers. <i>Phytochemistry</i> , 2000, 53, 575-579.	1.4	52
22	Title is missing!. <i>Hydrobiologia</i> , 1999, 398/399, 57-63.	1.0	6
23	Agars from Three Fijian <i>Gracilaria</i> Species. <i>Botanica Marina</i> , 1999, 42, .	0.6	10
24	The Backbone Structure of the Sulfated Galactan from <i>Plocamium costatum</i> (C. Agardh) Hook. f. et Harv. (Plocamiaceae, Rhodophyta). <i>Botanica Marina</i> , 1999, 42, .	0.6	10
25	Irreversible deterioration of some carrageenophytes (Rhodophyta) in herbaria. <i>Taxon</i> , 1999, 48, 325-329.	0.4	10
26	A new agarophyte, <i>Curdiea balthazar</i> sp. nov. (Gracilariales, Rhodophyta), from the Three Kings Islands, northern New Zealand. , 1999, , 57-63.		2
27	Carbohydrate sulphates. , 1999, , 107-149.		5
28	Structural analysis of carrageenans from the tetrasporic stages of the red algae, <i>Gigartina lanceata</i> and <i>Gigartina chapmanii</i> (Gigartinales, Rhodophyta). <i>Carbohydrate Research</i> , 1998, 307, 325-331.	1.1	99
29	Agars from nine species of red seaweed in the genus <i>Curdiea</i> (Gracilariaceae, Rhodophyta). <i>Carbohydrate Research</i> , 1998, 308, 107-115.	1.1	39
30	Chemical and spectroscopic characterisation of the phosphatidylinositol manno-oligosaccharides from <i>Mycobacterium bovis</i> AN5 and WAg201 and <i>Mycobacterium smegmatis</i> mc2 155. <i>Carbohydrate Research</i> , 1998, 308, 397-408.	1.1	27
31	A pyruvated carrageenan from Australian specimens of the red alga <i>Sarconema filiforme</i> Cell-wall polysaccharides from Australian red algae of the family Solieriaceae (Gigartinales, Rhodophyta). For previous instalment, see ref.[1]. <i>Carbohydrate Research</i> , 1998, 310, 77-83.	1.1	49
32	Variations in the Constituent Sugars of the Polysaccharides from New Zealand Species of <i>Pachymenia</i> (Halymeniaceae). <i>Botanica Marina</i> , 1997, 40, .	0.6	6
33	A polysaccharide fraction from the red seaweed <i>Champia novae-zealandiae</i> Rhodymeniales, Rhodophyta. <i>Hydrobiologia</i> , 1996, 326-327, 505-509.	1.0	23
34	Structural analysis of carrageenans from Burmese and Thai samples of <i>Catenella nipae</i> Zanardini. <i>Carbohydrate Research</i> , 1996, 285, 81-98.	1.1	39
35	Structural analysis of carrageenans from Burmese and Thai samples of <i>Catenella nipae</i> Zanardini. <i>Carbohydrate Research</i> , 1996, 285, 81-98.	1.1	59
36	A polysaccharide fraction from the red seaweed <i>Champia novae-zealandiae</i> Rhodymeniales, Rhodophyta. , 1996, , 505-509.		1

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37	Structural analysis of the polysaccharide from <i>Pachymenia lusoria</i> (Cryptonemiaceae, Rhodophyta). <i>Carbohydrate Research</i> , 1995, 268, 219-232.	1.1	40
38	The structural analysis of disaccharides from red algal galactans by methylation and reductive partial-hydrolysis. <i>Carbohydrate Research</i> , 1995, 269, 183-189.	1.1	36
39	Carrageenans from the tetrasporic stages of <i>Gigartina clavifera</i> and <i>Gigartina alveata</i> (Gigartinaceae, Rhodophyta). <i>Journal of Applied Phycology</i> , 1994, 6, 497-507.	1.1	49
40	Characterisation of the enigmatic, endemic red alga <i>Gelidium allanii</i> (Gelidiales) from northern New Zealand: morphology, distribution, agar chemistry. <i>Journal of Applied Phycology</i> , 1994, 6, 497-507.	1.5	25
41	Chemical methylation of agaroid hydroxyl-groups. <i>Carbohydrate Research</i> , 1994, 262, 127-135.	1.1	13
42	Carrageenan from the tetrasporic stage of <i>Gigartina decipiens</i> (Gigartinaceae, Rhodophyta). <i>Carbohydrate Research</i> , 1994, 252, 171-182.	1.1	25
43	Carrageenan from the tetrasporic stage of <i>Gigartina decipiens</i> (Gigartinaceae, Rhodophyta). <i>Carbohydrate Research</i> , 1994, 252, 171-182.	1.1	115
44	The chemical structure of the polysaccharide from <i>Dasyclonium incisum</i> . <i>Hydrobiologia</i> , 1993, 260-261, 647-651.	1.0	9
45	The Chemical Structures of Polysaccharides from New Zealand Members of the Rhodomelaceae. <i>Botanica Marina</i> , 1993, 36, .	0.6	26