

Ruth Falshaw

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,593
citations

279701

23
h-index

289141

40
g-index

48
all docs

48
docs citations

48
times ranked

1201
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Virucidal activity of polysaccharide extracts from four algal species against herpes simplex virus. <i>Antiviral Research</i> , 2009, 83, 282-289. | 1.9 | 149 |
| 2 | 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 |
| 3 | Carrageenan from the tetrasporic stage of <i>gigartina decipiens</i> (gigartinaceae, rhodophyta). <i>Carbohydrate Research</i> , 1994, 252, 171-182. | 1.1 | 115 |
| 4 | Structural analysis of carrageenans from the tetrasporic stages of the red algae, <i>Gigartina lanceata</i> and <i>Gigartina chapmanii</i> (Gigartinaceae, Rhodophyta). <i>Carbohydrate Research</i> , 1998, 307, 325-331. | 1.1 | 99 |
| 5 | Structure and performance of commercial kappa-2 carrageenan extracts. <i>Food Hydrocolloids</i> , 2001, 15, 441-452. | 5.6 | 92 |
| 6 | Kappa-2 carrageenan: structure and performance of commercial extracts. <i>Food Hydrocolloids</i> , 2001, 15, 619-630. | 5.6 | 82 |
| 7 | Trivalent iron induced gelation in lambda-carrageenan. <i>Carbohydrate Polymers</i> , 2012, 87, 2735-2739. | 5.1 | 67 |
| 8 | 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 |
| 9 | Covalently linked anthocyanin-flavonol pigments from blue <i>Agapanthus</i> flowers. <i>Phytochemistry</i> , 2000, 53, 575-579. | 1.4 | 52 |
| 10 | 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 |
| 11 | Carrageenans from the tetrasporic stages of <i>Gigartina clavifera</i> and <i>Gigartina alveata</i> (Gigartinaceae,) Tj ETQq1 1 0,784314 rggBT /Ovele | 1.1 | 49 |
| 12 | 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].1. <i>Carbohydrate Research</i> , 1998, 310, 77-83. | 1.1 | 49 |
| 13 | 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 |
| 14 | Structural analysis of the polysaccharide from <i>Pachymenia lusoria</i> (Cryptonemiaceae, Rhodophyta). <i>Carbohydrate Research</i> , 1995, 268, 219-232. | 1.1 | 40 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | 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 |
| 20 | The Chemical Structures of Polysaccharides from New Zealand Members of the Rhodomelaceae. <i>Botanica Marina</i> , 1993, 36, . | 0.6 | 26 |
| 21 | 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 |
| 22 | Carrageenan from the tetrasporic stage of <i>Gigartina decipiens</i> (Gigartinaceae, Rhodophyta). <i>Carbohydrate Research</i> , 1994, 252, 171-182. | 1.1 | 25 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | Analysis of pyruvylated Î²-carrageenan by 2D NMR spectroscopy and reductive partial hydrolysis. <i>Carbohydrate Research</i> , 2003, 338, 1403-1414. | 1.1 | 21 |
| 27 | 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 |
| 28 | Chemical methylation of agaroid hydroxyl-groups. <i>Carbohydrate Research</i> , 1994, 262, 127-135. | 1.1 | 13 |
| 29 | Title is missing!. <i>Journal of Applied Phycology</i> , 2003, 15, 391-405. | 1.5 | 13 |
| 30 | 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 |
| 31 | 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 |
| 32 | Agars from Three Fijian <i>Gracilaria</i> Species. <i>Botanica Marina</i> , 1999, 42, . | 0.6 | 10 |
| 33 | 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 |
| 34 | Irreversible deterioration of some carrageenophytes (Rhodophyta) in herbaria. <i>Taxon</i> , 1999, 48, 325-329. | 0.4 | 10 |
| 35 | 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 |
| 36 | The chemical structure of the polysaccharide from <i>Dasyclonium incisum</i> . <i>Hydrobiologia</i> , 1993, 260-261, 647-651. | 1.0 | 9 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | A zymogram method for detecting carrageenase activity. <i>Analytical Biochemistry</i> , 2005, 347, 336-338. | 1.1 | 7 |
| 38 | Growth and carrageenan composition of two populations of the New Zealand carrageenophyte <i>Sarcothalia lanceata</i> (Gigartinales, Rhodophyta). <i>Journal of Applied Phycology</i> , 2018, 30, 2485-2497. | 1.5 | 7 |
| 39 | Variations in the Constituent Sugars of the Polysaccharides from New Zealand Species of <i>Pachymenia</i> (Hyalmeniales). <i>Botanica Marina</i> , 1997, 40, . | 0.6 | 6 |
| 40 | Title is missing!. <i>Hydrobiologia</i> , 1999, 398/399, 57-63. | 1.0 | 6 |
| 41 | Carbohydrate sulphates. , 1999, , 107-149. | | 5 |
| 42 | 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 |
| 43 | A new agarophyte, <i>Curdiea balthazar</i> sp. nov. (Gracilariales, Rhodophyta), from the Three Kings Islands, northern New Zealand. , 1999, , 57-63. | | 2 |
| 44 | Clump structure, population structure and non-destructive biomass estimation of the New Zealand carrageenophyte <i>Sarcothalia lanceata</i> (Gigartinales, Rhodophyta). <i>Botanica Marina</i> , 2016, 59, 373-385. | 0.6 | 1 |
| 45 | A polysaccharide fraction from the red seaweed <i>Champia novae-zealandiae</i> Rhodymeniales, Rhodophyta. , 1996, , 505-509. | | 1 |