

Nathalie Bourgougnon

List of Publications by Year in descending order

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46
papers

2,340
citations

201674

27
h-index

243625

44
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48
all docs

48
docs citations

48
times ranked

2715
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacteriocin as Weapons in the Marine Animal-Associated Bacteria Warfare: Inventory and Potential Applications as an Aquaculture Probiotic. <i>Marine Drugs</i> , 2010, 8, 1153-1177.	4.6	150
2	Lipid Composition, Fatty Acids and Sterols in the Seaweeds <i>Ulva armoricana</i> , and <i>Solieria chordalis</i> from Brittany (France): An Analysis from Nutritional, Chemotaxonomic, and Antiproliferative Activity Perspectives. <i>Marine Drugs</i> , 2015, 13, 5606-5628.	4.6	143
3	Antiviral Activities of Sulfated Polysaccharides Isolated from <i>Sphaerococcus coronopifolius</i> (Rhodophyta, Gigartinales) and <i>Boergeseniella thuyoides</i> (Rhodophyta, Ceramiales). <i>Marine Drugs</i> , 2011, 9, 1187-1209.	4.6	140
4	Enzyme-assisted extraction (EAE) for the production of antiviral and antioxidant extracts from the green seaweed <i>Ulva armoricana</i> (Ulvales, Ulvophyceae). <i>Algal Research</i> , 2016, 16, 233-239.	4.6	126
5	Antibacterial, antifungal and cytotoxic activities of extracts from fish epidermis and epidermal mucus. <i>International Journal of Antimicrobial Agents</i> , 2002, 20, 214-219.	2.5	120
6	Bioactive Components from Seaweeds. <i>Advances in Botanical Research</i> , 2014, , 345-378.	1.1	107
7	Investigation of the antifouling constituents from the brown alga <i>Sargassum muticum</i> (Yendo) Fensholt. <i>Journal of Applied Phycology</i> , 2009, 21, 395-403.	2.8	103
8	Screening of Marine Algal Extracts for Anti-settlement Activities against Microalgae and Macroalgae. <i>Biofouling</i> , 2002, 18, 205-215.	2.2	87
9	Marennine, Promising Blue Pigments from a Widespread <i>Haslea</i> Diatom Species Complex. <i>Marine Drugs</i> , 2014, 12, 3161-3189.	4.6	81
10	Biochemical and antiviral activities of enzymatic hydrolysates from different invasive French seaweeds. <i>Journal of Applied Phycology</i> , 2014, 26, 1029-1042.	2.8	75
11	Antiherpetic (HSV-1) activity of carrageenans from the red seaweed <i>Solieria chordalis</i> (Rhodophyta, Tj ETQq1 1 0.784314 rgBT /Overl... 2219-2228.	2.8	73
12	Phenoloxidase (E.C. 1.14.18.1) from the byssus gland of <i>Mytilus edulis</i> : Purification, partial characterization and application for screening products with potential antifouling activities. <i>Biofouling</i> , 2000, 16, 235-244.	2.2	70
13	Enzyme-Assisted Extraction of Bioactive Material from <i>Chondrus crispus</i> and <i>Codium fragile</i> and Its Effect on Herpes simplex Virus (HSV-1). <i>Marine Drugs</i> , 2015, 13, 558-580.	4.6	70
14	Antiviral activity of the extracts of Rhodophyceae from Morocco. <i>African Journal of Biotechnology</i> , 2010, 9, 7968-7975.	0.6	69
15	Biological Activities of Purified Marennine, the Blue Pigment Responsible for the Greening of Oysters. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 3599-3605.	5.2	63
16	Screening for antibacterial and antiviral activities in three bivalve and two gastropod marine molluscs. <i>Aquaculture</i> , 2009, 293, 1-7.	3.5	57
17	Total phenolic content and biological activities of enzymatic extracts from <i>Sargassum muticum</i> (Yendo) Fensholt. <i>Journal of Applied Phycology</i> , 2017, 29, 2521-2537.	2.8	52
18	Ostreid herpesvirus type 1 replication and host response in adult Pacific oysters, <i>Crassostrea gigas</i> . <i>Veterinary Research</i> , 2014, 45, 103.	3.0	50

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19	Active substances from <i>Ceramium botryocarpum</i> used as antifouling products in aquaculture. <i>Aquaculture</i> , 2006, 258, 664-674.	3.5	48
20	Composition and antiviral activities of a sulfated polysaccharide from <i>Schizymenia dubyi</i> (Rhodophyta). <i>Journal of Applied Phycology</i> , 2007, 13, 107-114.	2.2	47
21	Marine antifoulants from <i>bifurcaria bifurcata</i> (phaeophyceae, cystoseiraceae) and other brown macroalgae. <i>Biofouling</i> , 2001, 17, 189-201.	2.2	47
22	Putative antiviral activity in hemolymph from adult Pacific oysters, <i>Crassostrea gigas</i> . <i>Antiviral Research</i> , 2005, 66, 147-152.	4.1	47
23	Comparative efficiency of macroalgal extracts and booster biocides as antifouling agents to control growth of three diatom species. <i>Marine Pollution Bulletin</i> , 2012, 64, 2039-2046.	5.0	43
24	Enzymatic Recovery of Metabolites from Seaweeds. <i>Advances in Botanical Research</i> , 2014, 71, 279-320.	1.1	43
25	In vitro research of anti-HSV-1 activity in different extracts from Pacific oysters <i>Crassostrea gigas</i> . <i>Diseases of Aquatic Organisms</i> , 2005, 67, 141-147.	1.0	36
26	Environmentally Friendly Valorization of <i>Solieria filiformis</i> (Gigartinales, Rhodophyta) from IMTA Using a Biorefinery Concept. <i>Marine Drugs</i> , 2018, 16, 487.	4.6	31
27	An Analysis of the Nutritional and Health Values of <i>Caulerpa racemosa</i> (Forssk.) and <i>Ulva fasciata</i> (Delile) – Two Chlorophyta Collected from the Philippines. <i>Molecules</i> , 2020, 25, 2901.	3.8	30
28	Antifouling activity of macroalgal extracts on <i>Fragilaria pinnata</i> (Bacillariophyceae): A comparison with Diuron. <i>Aquatic Toxicology</i> , 2009, 94, 245-254.	4.0	29
29	Greening effect on oysters and biological activities of the blue pigments produced by the diatom <i>Haslea karadagensis</i> (Naviculaceae). <i>Aquaculture</i> , 2012, 368-369, 61-67.	3.5	28
30	Anticancer, Antiviral, Antibacterial, and Antifungal Properties in Microalgae. , 2018, , 235-261.		26
31	In vitro antiviral activities of enzymatic hydrolysates extracted from byproducts of the Atlantic holothurian <i>Cucumaria frondosa</i> . <i>Process Biochemistry</i> , 2015, 50, 867-875.	3.7	25
32	Chemical characterization and photoprotective activity measurement of extracts from the red macroalga <i>Solieria chordalis</i> . <i>Botanica Marina</i> , 2014, 57, 291-301.	1.2	23
33	Poly- and Oligosaccharide <i>Ulva</i> sp. Fractions from Enzyme-Assisted Extraction Modulate the Metabolism of Extracellular Matrix in Human Skin Fibroblasts: Potential in Anti-Aging Dermo-Cosmetic Applications. <i>Marine Drugs</i> , 2021, 19, 156.	4.6	23
34	Radical scavenging activity of lipids from seaweeds isolated by solid-liquid extraction and supercritical fluids. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2018, 25, D505.	1.4	21
35	Production of Active Poly- and Oligosaccharidic Fractions from <i>Ulva</i> sp. by Combining Enzyme-Assisted Extraction (EAE) and Depolymerization. <i>Metabolites</i> , 2019, 9, 182.	2.9	18
36	Methoxy fatty acids isolated from the red alga, <i>Schizymenia dubyi</i> . <i>Phytochemistry</i> , 1998, 47, 761-765.	2.9	17

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37	Chemical composition and antimicrobial activities of the essential oil of (Tunisian) <i>Chrysanthemum trifurcatum</i> (Desf.) Batt. and Trab. flowerheads. <i>Comptes Rendus Chimie</i> , 2008, 11, 324-330.	0.5	17
38	Antiviral and Cytotoxic Activities of Polysaccharides Extracted from Four Tropical Seaweed Species. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.5	16
39	Selective extraction of lipid classes from <i>Solieria chordalis</i> and <i>Sargassum muticum</i> using supercritical carbon dioxide and conventional solid-liquid methods. <i>Journal of Applied Phycology</i> , 2017, 29, 2513-2519.	2.8	15
40	Essential Oils and Crude Extracts from <i>Chrysanthemum trifurcatum</i> Leaves, Stems and Roots: Chemical Composition and Antibacterial Activity. <i>Journal of Oleo Science</i> , 2014, 63, 607-617.	1.4	14
41	Sulfated Polysaccharides from Seaweed Strandings as Renewable Source for Potential Antivirals against Herpes simplex Virus 1. <i>Marine Drugs</i> , 2022, 20, 116.	4.6	12
42	Algae for global sustainability?. <i>Advances in Botanical Research</i> , 2021, , 145-212.	1.1	9
43	Enzyme-assisted extraction of red seaweed <i>Solieria chordalis</i> (C.Agardh) J. Agardh 1842â€”the starting point for the production of biostimulants of plant growth and biosorbents of metal ions. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 1621-1635.	4.6	7
44	Emerging seaweed extraction techniques: Enzyme-assisted extraction a key step of seaweed biorefinery?. , 2020, , 225-256.		6
45	Bioactivity of Secondary Metabolites from Macroalgae. <i>Cellular Origin and Life in Extreme Habitats</i> , 2015, , 391-401.	0.3	5
46	Effects of <i>Ulva</i> sp. Extracts on the Growth, Biofilm Production, and Virulence of Skin Bacteria Microbiota: <i>Staphylococcus aureus</i> , <i>Staphylococcus epidermidis</i> , and <i>Cutibacterium acnes</i> Strains. <i>Molecules</i> , 2021, 26, 4763.	3.8	1