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 g-index
48 all docs	48 docs citations	48 times ranked	2715 citing authors

#	Article	IF	Citations
1	Enzyme-assisted extraction of red seaweed Solieria chordalis (C.Agardh) J. Agardh 1842â€"the starting point for the production of biostimulants of plant growth and biosorbents of metal ions. Biomass Conversion and Biorefinery, 2024, 14, 1621-1635.	4.6	7
2	Sulfated Polysaccharides from Seaweed Strandings as Renewable Source for Potential Antivirals against Herpes simplex Virus 1. Marine Drugs, 2022, 20, 116.	4.6	12
3	Algae for global sustainability?. Advances in Botanical Research, 2021, , 145-212.	1.1	9
4	Poly- and Oligosaccharide Ulva sp. Fractions from Enzyme-Assisted Extraction Modulate the Metabolism of Extracellular Matrix in Human Skin Fibroblasts: Potential in Anti-Aging Dermo-Cosmetic Applications. Marine Drugs, 2021, 19, 156.	4.6	23
5	Effects of Ulva sp. Extracts on the Growth, Biofilm Production, and Virulence of Skin Bacteria Microbiota: Staphylococcus aureus, Staphylococcus epidermidis, and Cutibacterium acnes Strains. Molecules, 2021, 26, 4763.	3.8	1
6	An Analysis of the Nutritional and Health Values of Caulerpa racemosa (ForsskÃ¥l) and Ulva fasciata (Delile)â€"Two Chlorophyta Collected from the Philippines. Molecules, 2020, 25, 2901.	3.8	30
7	Emerging seaweed extraction techniques: Enzyme-assisted extraction a key step of seaweed biorefinery?. , 2020, , 225-256.		6
8	Production of Active Poly- and Oligosaccharidic Fractions from Ulva sp. by Combining Enzyme-Assisted Extraction (EAE) and Depolymerization. Metabolites, 2019, 9, 182.	2.9	18
9	Environmentally Friendly Valorization of Solieria filiformis (Gigartinales, Rhodophyta) from IMTA Using a Biorefinery Concept. Marine Drugs, 2018, 16, 487.	4.6	31
10	Radical scavenging activity of lipids from seaweeds isolated by solid-liquid extraction and supercritical fluids. OCL - Oilseeds and Fats, Crops and Lipids, 2018, 25, D505.	1.4	21
11	Anticancer, Antiviral, Antibacterial, and Antifungal Properties in Microalgae. , 2018, , 235-261.		26
12	Selective extraction of lipid classes from Solieria chordalis and Sargassum muticum using supercritical carbon dioxide and conventional solidâ€"liquid methods. Journal of Applied Phycology, 2017, 29, 2513-2519.	2.8	15
13	Antiherpetic (HSV-1) activity of carrageenans from the red seaweed Solieria chordalis (Rhodophyta,) Tj ETQq1 1 0.784314 rgBT /Overlo 2219-2228.	2.8	73
14	Total phenolic content and biological activities of enzymatic extracts from Sargassum muticum (Yendo) Fensholt. Journal of Applied Phycology, 2017, 29, 2521-2537.	2.8	52
15	Antiviral and Cytotoxic Activities of Polysaccharides Extracted from Four Tropical Seaweed Species. Natural Product Communications, 2017, 12, 1934578X1701200.	0.5	16
16	Enzyme-assisted extraction (EAE) for the production of antiviral and antioxidant extracts from the green seaweed Ulva armoricana (Ulvales, Ulvophyceae). Algal Research, 2016, 16, 233-239.	4.6	126
17	Enzyme-Assisted Extraction of Bioactive Material from Chondrus crispus and Codium fragile and Its Effect on Herpes simplex Virus (HSV-1). Marine Drugs, 2015, 13, 558-580.	4.6	70
18	Lipid Composition, Fatty Acids and Sterols in the Seaweeds Ulva armoricana, and Solieria chordalis from Brittany (France): An Analysis from Nutritional, Chemotaxonomic, and Antiproliferative Activity Perspectives. Marine Drugs, 2015, 13, 5606-5628.	4.6	143

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19	Bioactivity of Secondary Metabolites from Macroalgae. Cellular Origin and Life in Extreme Habitats, 2015, , 391-401.	0.3	5
20	In vitro antiviral activities of enzymatic hydrolysates extracted from byproducts of the Atlantic holothurian Cucumaria frondosa. Process Biochemistry, 2015, 50, 867-875.	3.7	25
21	Ostreid herpesvirus type 1 replication and host response in adult Pacific oysters, Crassostrea gigas. Veterinary Research, 2014, 45, 103.	3.0	50
22	Biochemical and antiviral activities of enzymatic hydrolysates from different invasive French seaweeds. Journal of Applied Phycology, 2014, 26, 1029-1042.	2.8	75
23	Bioactive Components from Seaweeds. Advances in Botanical Research, 2014, , 345-378.	1.1	107
24	Enzymatic Recovery of Metabolites from Seaweeds. Advances in Botanical Research, 2014, 71, 279-320.	1.1	43
25	Chemical characterization and photoprotective activity measurement of extracts from the red macroalga Solieria chordalis. Botanica Marina, 2014, 57, 291-301.	1.2	23
26	Marennine, Promising Blue Pigments from a Widespread Haslea Diatom Species Complex. Marine Drugs, 2014, 12, 3161-3189.	4.6	81
27	Essential Oils and Crude Extracts from Chrysanthemum trifurcatum Leaves, Stems and Roots: Chemical Composition and Antibacterial Activity. Journal of Oleo Science, 2014, 63, 607-617.	1.4	14
28	Biological Activities of Purified Marennine, the Blue Pigment Responsible for the Greening of Oysters. Journal of Agricultural and Food Chemistry, 2012, 60, 3599-3605.	5.2	63
29	Greening effect on oysters and biological activities of the blue pigments produced by the diatom Haslea karadagensis (Naviculaceae). Aquaculture, 2012, 368-369, 61-67.	3.5	28
30	Comparative efficiency of macroalgal extracts and booster biocides as antifouling agents to control growth of three diatom species. Marine Pollution Bulletin, 2012, 64, 2039-2046.	5.0	43
31	Antiviral Activities of Sulfated Polysaccharides Isolated from Sphaerococcus coronopifolius (Rhodophytha, Gigartinales) and Boergeseniella thuyoides (Rhodophyta, Ceramiales). Marine Drugs, 2011, 9, 1187-1209.	4.6	140
32	Antiviral activity of the extracts of Rhodophyceae from Morocco. African Journal of Biotechnology, 2010, 9, 7968-7975.	0.6	69
33	Bacteriocin as Weapons in the Marine Animal-Associated Bacteria Warfare: Inventory and Potential Applications as an Aquaculture Probiotic. Marine Drugs, 2010, 8, 1153-1177.	4.6	150
34	Investigation of the antifouling constituents from the brown alga Sargassum muticum (Yendo) Fensholt. Journal of Applied Phycology, 2009, 21, 395-403.	2.8	103
35	Screening for antibacterial and antiviral activities in three bivalve and two gastropod marine molluscs. Aquaculture, 2009, 293, 1-7.	3.5	57
36	Antifouling activity of macroalgal extracts on Fragilaria pinnata (Bacillariophyceae): A comparison with Diuron. Aquatic Toxicology, 2009, 94, 245-254.	4.0	29

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37	Chemical composition and antimicrobial activities of the essential oil of (Tunisian) Chrysanthemum trifurcatum (Desf.) Batt. and Trab. flowerheads. Comptes Rendus Chimie, 2008, 11, 324-330.	0.5	17
38	Active substances from Ceramium botryocarpum used as antifouling products in aquaculture. Aquaculture, 2006, 258, 664-674.	3.5	48
39	Putative antiviral activity in hemolymph from adult Pacific oysters, Crassostrea gigas. Antiviral Research, 2005, 66, 147-152.	4.1	47
40	In vitro research of anti-HSV-1 activity in different extracts from Pacific oysters Crassostrea gigas. Diseases of Aquatic Organisms, 2005, 67, 141-147.	1.0	36
41	Screening of Marine Algal Extracts for Anti-settlement Activities against Microalgae and Macroalgae. Biofouling, 2002, 18, 205-215.	2.2	87
42	Antibacterial, antifungal and cytotoxic activities of extracts from fish epidermis and epidermal mucus. International Journal of Antimicrobial Agents, 2002, 20, 214-219.	2.5	120
43	Marine antifoulants frombifurcaria bifurcata(phaeophyceae, cystoseiraceae) and other brown macroalgae. Biofouling, 2001, 17, 189-201.	2.2	47
44	Phenoloxidase (E.C. 1.14.18.1) from the byssus gland ofMytilus edulis:Purification, partial characterization and application for screening products with potential antifouling activities. Biofouling, 2000, 16, 235-244.	2.2	70
45	Methoxy fatty acids isolated from the red alga, Schzymenia dubyi. Phytochemistry, 1998, 47, 761-765.	2.9	17
46	Composition and antiviral activities of a sulfated polysaccharide from schizymenia dubyi (rhodophyta,) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.2	47