

Yolanda Freile-Pelegrin

List of Publications by Year in descending order

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60
papers

1,964
citations

218381

26
h-index

276539

41
g-index

62
all docs

62
docs citations

62
times ranked

2196
citing authors

#	ARTICLE	IF	CITATIONS
1	Trace elements in pelagic Sargassum species in the Mexican Caribbean: Identification of key variables affecting arsenic accumulation in <i>S. fluitans</i> . <i>Science of the Total Environment</i> , 2022, 806, 150657.	3.9	21
2	Development and characterization of alginate-based edible film from <i>Sargassum fluitans</i> incorporated with silver nanoparticles obtained by green synthesis. <i>Journal of Food Measurement and Characterization</i> , 2022, 16, 126-136.	1.6	11
3	Sulfated Polysaccharides from Seaweed Strandings as Renewable Source for Potential Antivirals against Herpes simplex Virus 1. <i>Marine Drugs</i> , 2022, 20, 116.	2.2	12
4	NMR Metabolic Profiling of <i>Sargassum</i> Species Under Different Stabilization/Extraction Processes. <i>Journal of Phycology</i> , 2021, 57, 655-663.	1.0	11
5	Challenges and Opportunities in Relation to Sargassum Events Along the Caribbean Sea. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	42
6	Nutraceutical assessment of <i>Solieria filiformis</i> and <i>Gracilaria cornea</i> (Rhodophyta) under light quality modulation in culture. <i>Journal of Applied Phycology</i> , 2020, 32, 2363-2373.	1.5	20
7	Defence on surface: macroalgae and their surface-associated microbiome. <i>Advances in Botanical Research</i> , 2020, 95, 327-368.	0.5	11
8	Production and properties of mycosporine-like amino acids isolated from seaweeds. <i>Advances in Botanical Research</i> , 2020, 95, 213-245.	0.5	8
9	Emerging seaweed extraction techniques: Enzyme-assisted extraction a key step of seaweed biorefinery?. , 2020, , 225-256.		6
10	Physicochemical and transport properties of biodegradable agar films impregnated with natural semiochemical based-on hydroalcoholic garlic extract. <i>International Journal of Biological Macromolecules</i> , 2020, 151, 27-35.	3.6	11
11	Valorization of the filamentous seaweed <i>Chaetomorpha gracilis</i> (Cladophoraceae, Chlorophyta) from an IMTA system. <i>Journal of Applied Phycology</i> , 2020, 32, 2295-2306.	1.5	8
12	A comparative study of <i>Sargassum</i> species from the Yucatan Peninsula coast: morphological and chemical characterisation. <i>Phycologia</i> , 2020, 59, 261-271.	0.6	27
13	Chemical defense against microfouling by allelopathic active metabolites of <i>Halymenia floresii</i> (Rhodophyta). <i>Journal of Applied Phycology</i> , 2020, 32, 2673-2687.	1.5	7
14	Stress tolerance and photoadaptation to solar radiation in <i>Rhodymenia pseudopalmata</i> (Rhodophyta) through mycosporine-like amino acids, phenolic compounds, and pigments in an Integrated Multi-Trophic Aquaculture system. <i>Algal Research</i> , 2019, 41, 101542.	2.4	35
15	Seaweed resources of Mexico: current knowledge and future perspectives. <i>Botanica Marina</i> , 2019, 62, 275-289.	0.6	11
16	Seaweeds to the rescue of forgotten diseases: a review. <i>Botanica Marina</i> , 2019, 62, 211-226.	0.6	24
17	On the preparation and characterization of superparamagnetic nanoparticles with <i>Gelidium robustum</i> agar coating for biomedical applications. <i>Bulletin of Materials Science</i> , 2018, 41, 1.	0.8	3
18	Environmentally Friendly Valorization of <i>Solieria filiformis</i> (Gigartinales, Rhodophyta) from IMTA Using a Biorefinery Concept. <i>Marine Drugs</i> , 2018, 16, 487.	2.2	31

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19	Growth, biochemical and antioxidant content of <i>Rhodymenia pseudopalmata</i> (Rhodymeniales,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 29, 2595-2603.	1.5	21
20	Antiherpetic (HSV-1) activity of carrageenans from the red seaweed <i>Solieria chordalis</i> (Rhodophyta,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2219-2228.	1.5	73
21	Protective effect of fucoidans from tropical seaweeds against oxidative stress in HepG2 cells. Journal of Applied Phycology, 2017, 29, 2229-2238.	1.5	36
22	Lipid characterization of red alga <i>Rhodymenia pseudopalmata</i> (Rhodymeniales,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 0.8 10	0.8	10
23	Antiviral and Cytotoxic Activities of Polysaccharides Extracted from Four Tropical Seaweed Species. Natural Product Communications, 2017, 12, 1934578X1701200.	0.2	16
24	Characterization Techniques for Algae-Based Materials. , 2017, , 649-670.		4
25	Physicochemical Characterization and Biological activities of Sulfated Polysaccharides from Cultivated <i>Solieria filiformis</i> (Rhodophyta). Natural Product Communications, 2017, 12, 1934578X1701200.	0.2	4
26	Synergistic Effects of Sulfated Polysaccharides from Mexican Seaweeds against Measles Virus. BioMed Research International, 2016, 2016, 1-11.	0.9	54
27	Biocomposites based on poly(lactic acid) and seaweed wastes from agar extraction: Evaluation of physicochemical properties. Journal of Applied Polymer Science, 2015, 132, .	1.3	22
28	Hepatoprotective effect of the fucoidan from the brown seaweed <i>Turbinaria tricosata</i> . Journal of Applied Phycology, 2015, 27, 2123-2135.	1.5	50
29	Bioprospecting of brown seaweed (Ochrophyta) from the Yucatan Peninsula: cytotoxic, antiproliferative, and antiprotozoal activities. Journal of Applied Phycology, 2014, 26, 1009-1017.	1.5	15
30	Microwave-assisted extraction of the Carrageenan from <i>Hypnea musciformis</i> (Cystocloniaceae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 1.5 74	1.5	74
31	Cytotoxic and antiproliferative constituents from <i>Dictyota ciliolata</i> , <i>Padina sanctae-crucis</i> and <i>Turbinaria tricosata</i> . Pharmaceutical Biology, 2014, 52, 1244-1248.	1.3	31
32	Photosynthesis, pigment composition and antioxidant defences in the red alga <i>Gracilariopsis tenuifrons</i> (Gracilariales, Rhodophyta) under environmental stress. Journal of Applied Phycology, 2014, 26, 2001-2010.	1.5	38
33	Nutrient removal efficiency of <i>Hydropuntia cornea</i> in an integrated closed recirculation system with pink shrimp <i>Farfantepenaeus brasiliensis</i> . Aquaculture Research, 2014, 45, 1648-1658.	0.9	6
34	Polysaccharides composition from tropical brown seaweeds. Phycological Research, 2012, 60, 305-315.	0.8	78
35	Polyamines increase carpospore output and growth during in vitro cultivation of <i>Hydropuntia cornea</i> . Biotechnology Letters, 2012, 34, 755-761.	1.1	13
36	Preliminary Characterization of Carrageenan from the Red Seaweed <i>Halymenia floresii</i> . Journal of Aquatic Food Product Technology, 2011, 20, 73-83.	0.6	31

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37	Prospects for the cultivation of economically important carrageenophytes in Southeast Mexico. <i>Journal of Applied Phycology</i> , 2011, 23, 415-419.	1.5	16
38	Physicochemical Properties of Biodegradable Polyvinyl Alcohol-agar Films from the Red Algae <i>Hydroguntia cornea</i> . <i>Marine Biotechnology</i> , 2011, 13, 793-800.	1.1	32
39	Enhanced Antitumoral Activity of Extracts Derived from Cultured <i>Udotea flabellum</i> (Chlorophyta). <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-7.	0.5	11
40	Preparation and characterization of low density polyethylene-agar biocomposites: Torque, rheological, mechanical, thermal and morphological properties. <i>Polymer Engineering and Science</i> , 2010, 50, 585-591.	1.5	26
41	The Tropical Brown Alga <i>Lobophora variegata</i> : A Source of Antiprotozoal Compounds. <i>Marine Drugs</i> , 2010, 8, 1292-1304.	2.2	56
42	Preparation and characterization of biodegradable agar/poly(butylene adipate-co-terephthalate) composites. <i>Polymer Engineering and Science</i> , 2009, 49, 1117-1126.	1.5	48
43	Antitrypanosomal <i>in vitro</i> activity of tropical marine algae extracts. <i>Pharmaceutical Biology</i> , 2009, 47, 864-871.	1.3	25
44	<i>In vitro</i> cytotoxic and antiproliferative activities of marine macroalgae from Yucatán, Mexico. <i>Ciencias Marinas</i> , 2009, 35, 345-358.	0.4	43
45	Growth and pigment composition in the red alga <i>Halymenia floresii</i> cultured under different light qualities. <i>Journal of Applied Phycology</i> , 2008, 20, 253-260.	1.5	50
46	Carrageenan of <i>Euclima isiforme</i> (Solieriaceae, Rhodophyta) from Nicaragua. <i>Journal of Applied Phycology</i> , 2008, 20, 537-541.	1.5	22
47	Antileishmanial properties of tropical marine algae extracts. <i>Fitoquímica</i> , 2008, 79, 374-377.	1.1	64
48	Evaluation of selected tropical seaweeds for <i>in vitro</i> anti-trichomonal activity. <i>Journal of Ethnopharmacology</i> , 2008, 120, 92-97.	2.0	61
49	Cell wall composition affects Cd ²⁺ accumulation and intracellular thiol peptides in marine red algae. <i>Aquatic Toxicology</i> , 2007, 81, 65-72.	1.9	46
50	Physiological characterization of <i>Dunaliella</i> sp. (Chlorophyta, Volvocales) from Yucatan, Mexico. <i>Bioresource Technology</i> , 2007, 98, 1359-1365.	4.8	63
51	Antioxidant activities in tropical marine macroalgae from the Yucatan Peninsula, Mexico. <i>Journal of Applied Phycology</i> , 2007, 19, 449-458.	1.5	180
52	Carrageenan of <i>Euclima isiforme</i> (Solieriaceae, Rhodophyta) from Nicaragua. , 2007, , 87-91.		0
53	Carrageenan of <i>Euclima isiforme</i> (Solieriaceae, Rhodophyta) from Yucatán, Mexico. II. Seasonal variations in carrageenan and biochemical characteristics. <i>Botanica Marina</i> , 2006, 49, .	0.6	8
54	Regulation of Two Photosynthetic Pigment-related Genes During Stress-induced Pigment Formation in the Green Alga, <i>Dunaliella salina</i> . <i>Biotechnology Letters</i> , 2006, 28, 787-791.	1.1	35

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55	Carrageenan of <i>Eucheuma isiforme</i> (Solieriaceae, Rhodophyta) from Yucatán, Mexico. I. Effect of extraction conditions. <i>Botanica Marina</i> , 2006, 49, .	0.6	15
56	Antibacterial activity in marine algae from the coast of Yucatan, Mexico. <i>Botanica Marina</i> , 2004, 47, .	0.6	58
57	Mariculture of <i>Kappaphycus alvarezii</i> (Rhodophyta, Solieriaceae) color strains in tropical waters of Yucatán, México. <i>Aquaculture</i> , 2004, 239, 161-177.	1.7	121
58	Effect of dark and salinity treatment in the yield and quality of agar from <i>Gracilaria cornea</i> (Rhodophyceae). <i>Ciencias Marinas</i> , 2002, 28, 289-296.	0.4	13
59	Does storage time influence yield and agar properties in the tropical agarophyte <i>Gracilaria cornea</i> ? ., 2000, 12, 153-158.		22
60	Seasonal agar yield and quality in <i>Gelidium canariensis</i> (Grunow) Seoane-Camba (Gelidiales), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 T	1.5	23