

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	Antioxidant activities in tropical marine macroalgae from the Yucatan Peninsula, Mexico. <i>Journal of Applied Phycology</i> , 2007, 19, 449-458.	1.5	180
2	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
3	Polysaccharides composition from tropical brown seaweeds. <i>Phycological Research</i> , 2012, 60, 305-315.	0.8	78
4	Microwave-assisted extraction of the Carrageenan from <i>Hypnea musciformis</i> (Cystocloniaceae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.5	74
5	Antiherpetic (HSV-1) activity of carrageenans from the red seaweed <i>Solieria chordalis</i> (Rhodophyta,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 62 2219-2228.	1.5	73
6	Antileishmanial properties of tropical marine algae extracts. <i>FÁ-toterapÃ-Ãç</i> , 2008, 79, 374-377.	1.1	64
7	Physiological characterization of <i>Dunaliella</i> sp. (Chlorophyta, Volvocales) from Yucatan, Mexico. <i>Bioresource Technology</i> , 2007, 98, 1359-1365.	4.8	63
8	Evaluation of selected tropical seaweeds for in vitro anti-trichomonal activity. <i>Journal of Ethnopharmacology</i> , 2008, 120, 92-97.	2.0	61
9	Antibacterial activity in marine algae from the coast of Yucatan, Mexico. <i>Botanica Marina</i> , 2004, 47, .	0.6	58
10	The Tropical Brown Alga <i>Lobophora variegata</i> : A Source of Antiprotozoal Compounds. <i>Marine Drugs</i> , 2010, 8, 1292-1304.	2.2	56
11	Synergistic Effects of Sulfated Polysaccharides from Mexican Seaweeds against Measles Virus. <i>BioMed Research International</i> , 2016, 2016, 1-11.	0.9	54
12	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
13	Hepatoprotective effect of the fucoidan from the brown seaweed <i>Turbinaria tricostata</i> . <i>Journal of Applied Phycology</i> , 2015, 27, 2123-2135.	1.5	50
14	Preparation and characterization of biodegradable agar/poly(butylene adipate- <i>co</i> -terephthalate) composites. <i>Polymer Engineering and Science</i> , 2009, 49, 1117-1126.	1.5	48
15	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
16	In vitro cytotoxic and antiproliferative activities of marine macroalgae from Yucatán, Mexico. <i>Ciencias Marinas</i> , 2009, 35, 345-358.	0.4	43
17	Challenges and Opportunities in Relation to Sargassum Events Along the Caribbean Sea. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	42
18	Photosynthesis, pigment composition and antioxidant defences in the red alga <i>Gracilariopsis tenuifrons</i> (Gracilariales, Rhodophyta) under environmental stress. <i>Journal of Applied Phycology</i> , 2014, 26, 2001-2010.	1.5	38

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19	Protective effect of fucoidans from tropical seaweeds against oxidative stress in HepG2 cells. <i>Journal of Applied Phycology</i> , 2017, 29, 2229-2238.	1.5	36
20	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
21	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
22	Physicochemical Properties of Biodegradable Polyvinyl Alcohol-agar Films from the Red Algae <i>Hydrophuntia cornea</i> . <i>Marine Biotechnology</i> , 2011, 13, 793-800.	1.1	32
23	Preliminary Characterization of Carrageenan from the Red Seaweed <i>Halymenia floresii</i> . <i>Journal of Aquatic Food Product Technology</i> , 2011, 20, 73-83.	0.6	31
24	Cytotoxic and antiproliferative constituents from <i>Dictyota ciliolata</i> , <i>Padina sanctae-crucis</i> and <i>Turbinaria tricosata</i> . <i>Pharmaceutical Biology</i> , 2014, 52, 1244-1248.	1.3	31
25	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
26	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
27	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
28	Antitrypanosomal <i>in vitro</i> activity of tropical marine algae extracts. <i>Pharmaceutical Biology</i> , 2009, 47, 864-871.	1.3	25
29	Seaweeds to the rescue of forgotten diseases: a review. <i>Botanica Marina</i> , 2019, 62, 211-226.	0.6	24
30	Seasonal agar yield and quality in <i>Gelidium canariensis</i> (Grunow) Seoane-Camba (Gelidiales). <i>Trends in Food Science and Technology</i> , 2019, 95, 302-310.	1.5	23
31	Does storage time influence yield and agar properties in the tropical agarophyte <i>Gracilaria cornea</i> ? <i>Journal of Applied Phycology</i> , 2000, 12, 153-158.		22
32	Carrageenan of <i>Eucheuma isiforme</i> (Solieriaceae, Rhodophyta) from Nicaragua. <i>Journal of Applied Phycology</i> , 2008, 20, 537-541.	1.5	22
33	Biocomposites based on poly(lactic acid) and seaweed wastes from agar extraction: Evaluation of physicochemical properties. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	22
34	Growth, biochemical and antioxidant content of <i>Rhodymenia pseudopalmata</i> (Rhodymeniales). <i>Journal of Applied Phycology</i> , 2019, 29, 2595-2603.	1.5	21
35	Trace elements in pelagic <i>Sargassum</i> 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
36	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

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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	Antiviral and Cytotoxic Activities of Polysaccharides Extracted from Four Tropical Seaweed Species. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.2	16
39	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
40	Bioprospecting of brown seaweed (Ochrophyta) from the Yucatan Peninsula: cytotoxic, antiproliferative, and antiprotozoal activities. <i>Journal of Applied Phycology</i> , 2014, 26, 1009-1017.	1.5	15
41	Polyamines increase carpospore output and growth during in vitro cultivation of <i>Hydropuntia cornea</i> . <i>Biotechnology Letters</i> , 2012, 34, 755-761.	1.1	13
42	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
43	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
44	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
45	Seaweed resources of Mexico: current knowledge and future perspectives. <i>Botanica Marina</i> , 2019, 62, 275-289.	0.6	11
46	Defence on surface: macroalgae and their surface-associated microbiome. <i>Advances in Botanical Research</i> , 2020, 95, 327-368.	0.5	11
47	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
48	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
49	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
50	Lipid characterization of red alga <i>Rhodymenia pseudopalmata</i> (Rhodymeniales, Rhodophyta). <i>Journal of Applied Phycology</i> , 2020, 32, 2295-2306.	0.8	10
51	Carrageenan of <i>Eucheuma isiforme</i> (Solieriaceae, Rhodophyta) from Yucatán, Mexico. II. Seasonal variations in carrageenan and biochemical characteristics. <i>Botanica Marina</i> , 2006, 49, .	0.6	8
52	Production and properties of mycosporine-like amino acids isolated from seaweeds. <i>Advances in Botanical Research</i> , 2020, 95, 213-245.	0.5	8
53	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
54	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

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55	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
56	Emerging seaweed extraction techniques: Enzyme-assisted extraction a key step of seaweed biorefinery?. , 2020, , 225-256.		6
57	Characterization Techniques for Algae-Based Materials. , 2017, , 649-670.		4
58	Physicochemical Characterization and Biological activities of Sulfated Polysaccharides from Cultivated<i>Solieria filiformis</i>Rhodophyta. Natural Product Communications, 2017, 12, 1934578X1701200.	0.2	4
59	On the preparation and characterization of superparamagnetic nanoparticles with Gelidium robustum agar coating for biomedical applications. Bulletin of Materials Science, 2018, 41, 1.	0.8	3
60	Carrageenan of Eucheuma isiforme (Solieriaceae, Rhodophyta) from Nicaragua. , 2007, , 87-91.		0