

Cecilia A Popovich

List of Publications by Year in descending order

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29
papers

1,005
citations

516561

16
h-index

477173

29
g-index

29
all docs

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docs citations

29
times ranked

1047
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid analysis in <i>Haematococcus pluvialis</i> to assess its potential use as a biodiesel feedstock. <i>Bioresource Technology</i> , 2010, 101, 3801-3807.	4.8	233
2	Particulate suspended matter concentrations in the Bah�a Blanca Estuary, Argentina: Implication for the development of phytoplankton blooms. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 85, 157-165.	0.9	71
3	Long-term changes in phytoplankton phenology and community structure in the Bah�a Blanca Estuary, Argentina. <i>Marine Biology</i> , 2010, 157, 2703-2716.	0.7	68
4	<i>Neochloris oleoabundans</i> grown in enriched natural seawater for biodiesel feedstock: Evaluation of its growth and biochemical composition. <i>Bioresource Technology</i> , 2012, 114, 287-293.	4.8	68
5	Spatial and temporal variability of phytoplankton and environmental factors in a temperate estuary of South America (Atlantic coast, Argentina). <i>Continental Shelf Research</i> , 2008, 28, 236-244.	0.9	64
6	Lipid quality of the diatoms <i>Skeletonema costatum</i> and <i>Navicula gregaria</i> from the South Atlantic Coast (Argentina): evaluation of its suitability as biodiesel feedstock. <i>Journal of Applied Phycology</i> , 2012, 24, 1-10.	1.5	60
7	Photosynthetic aspects and lipid profiles in the mixotrophic alga <i>Neochloris oleoabundans</i> as useful parameters for biodiesel production. <i>Algal Research</i> , 2016, 16, 255-265.	2.4	47
8	Dissolved Nutrient Availability during Winter Diatom Bloom in a Turbid and Shallow Estuary (Bah�a Blanca) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.1	46
9	Phytoplankton summer bloom dynamics in the Bah�a Blanca Estuary in relation to changing environmental conditions. <i>Continental Shelf Research</i> , 2013, 52, 150-158.	0.9	42
10	Influence of the winter phytoplankton bloom on the settled material in a temperate shallow estuary. <i>Oceanologia</i> , 2015, 57, 50-60.	1.1	40
11	Oil assessment of <i>Halamphora coffeaeformis</i> diatom growing in a hybrid two-stage system for biodiesel production. <i>Renewable Energy</i> , 2016, 92, 127-135.	4.3	31
12	Hybrid two-stage culture of <i>Halamphora coffeaeformis</i> for biodiesel production: Growth phases, nutritional stages and biorefinery approach. <i>Renewable Energy</i> , 2018, 118, 984-992.	4.3	26
13	Potential of the marine diatom <i>Halamphora coffeaeformis</i> to simultaneously produce omega-3 fatty acids, chrysolaminarin and fucoxanthin in a raceway pond. <i>Algal Research</i> , 2020, 51, 102030.	2.4	25
14	Simultaneous production assessment of triacylglycerols for biodiesel and exopolysaccharides as valuable co-products in <i>Navicula cincta</i> . <i>Algal Research</i> , 2016, 15, 120-128.	2.4	22
15	Triacylglycerol content, productivity and fatty acid profile in <i>Scenedesmus acutus</i> PVUW12. <i>Journal of Applied Phycology</i> , 2014, 26, 1423-1430.	1.5	20
16	Phytoplankton-aloricate ciliate community in the Bah�a Blanca Estuary (Argentina): seasonal patterns and trophic groups. <i>Brazilian Journal of Oceanography</i> , 2009, 57, 215-227.	0.6	20
17	Biodiesel production from <i>Halamphora coffeaeformis</i> microalga oil by supercritical ethanol transesterification. <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 145, 107670.	1.8	17
18	Enhancement of polyunsaturated fatty acid production under low-temperature stress in <i>Cylindrotheca closterium</i> . <i>Journal of Applied Phycology</i> , 2020, 32, 989-1001.	1.5	17

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19	Phenological Changes of Blooming Diatoms Promoted by Compound Bottom-Up and Top-Down Controls. <i>Estuaries and Coasts</i> , 2017, 40, 95-104.	1.0	16
20	Tidal time-scale variation of inorganic nutrients and organic matter in Bah�a Blanca mesotidal estuary, Argentina. <i>Chemistry and Ecology</i> , 2009, 25, 453-465.	0.6	14
21	Gamma carbonic anhydrases are subunits of the mitochondrial complex I of diatoms. <i>Molecular Microbiology</i> , 2021, 116, 109-125.	1.2	11
22	Biorefinery Approach from <i>Nannochloropsis oceanica</i> CCALA 978: Neutral Lipid and Carotenoid Co-Production Under Nitrate or Phosphate Deprivation. <i>Bioenergy Research</i> , 2020, 13, 518-529.	2.2	9
23	Assessment of <i>Halamphora coffeaeformis</i> Growth and Biochemical Composition for Aquaculture Purposes. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 282.	1.2	9
24	Short-term variability in the phytoplankton and physico-chemical variables in a high-tidal regime, Bah�a Blanca Estuary, Argentina. <i>Brazilian Journal of Oceanography</i> , 2009, 57, 249-258.	0.6	8
25	Molecular and phylogenetic identification of an oil-producing strain of <i>Nannochloropsis oceanica</i> (Eustigmatophyceae) isolated from the southwestern Atlantic coast (Argentina). <i>Revista De Biologia Marina Y Oceanografia</i> , 2014, 49, 615-623.	0.1	8
26	In vivo measurements to estimate culture status and neutral lipid accumulation in <i>Nannochloropsis oculata</i> CCALA 978: implications for biodiesel oil studies. <i>Algological Studies</i> (Stuttgart, Germany): Tj ETQq0 0 0 rg014/Overlock 10 Tf 50	0.1	8
27	A practical tool for selecting microalgal species for biodiesel production. <i>Journal of Renewable and Sustainable Energy</i> , 2020, 12, .	0.8	4
28	Temperature and Salinity Effect on Tolerance and Lipid Accumulation in <i>Halamphora coffeaeformis</i> : an Approach for Outdoor Bioenergy Cultures. <i>Bioenergy Research</i> , 2022, 15, 1545-1554.	2.2	3
29	Molecular, morphological, and toxinological characterizations of an Argentinean strain of <i>Halamphora coffeaeformis</i> with potential biotechnological applications. <i>Journal of Applied Phycology</i> , 2021, 33, 799-806.	1.5	2