

# 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

29  
docs citations

29  
times ranked

1047  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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         |
| 2  | 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         |
| 3  | Gamma carbonic anhydrases are subunits of the mitochondrial complex I of diatoms. <i>Molecular Microbiology</i> , 2021, 116, 109-125.  | 1.2 | 11        |
| 4  | 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         |
| 5  | A practical tool for selecting microalgal species for biodiesel production. <i>Journal of Renewable and Sustainable Energy</i> , 2020, 12, .   | 0.8 | 4         |
| 6  | 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        |
| 7  | 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        |
| 8  | 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         |
| 9  | 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        |
| 10 | 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        |
| 11 | 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        |
| 12 | 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        |
| 13 | 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        |
| 14 | 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        |
| 15 | 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        |
| 16 | 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        |
| 17 | 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 Biología Marina Y Oceanografía</i> , 2014, 49, 615-623. | 0.1 | 8         |
| 18 | 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        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | In vivo measurements to estimate culture status and neutral lipid accumulation in <i>Nannochloropsis oculata</i> CCALA 978: implications for biodiesel oil studies. <i>Algal Biotechnology</i> (Stuttgart, Germany) 11(1), 2011, 1-14. <a href="#">Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5</a> | 0.7 | 46        |
| 20 | <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        |
| 21 | 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        |
| 22 | 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        |
| 23 | 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       |
| 24 | 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        |
| 25 | 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        |
| 26 | 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        |
| 27 | 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         |
| 28 | Dissolved Nutrient Availability during Winter Diatom Bloom in a Turbid and Shallow Estuary (Bah a Blanca) Argentina. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 86, 1-14. <a href="#">Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</a>  | 0.1 | 46        |
| 29 | 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        |