

SolÃne Connan

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,814
citations

361045

20
h-index

476904

29
g-index

30
all docs

30
docs citations

30
times ranked

2494
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Short-term effects of increased CO ₂ , nitrate and temperature on photosynthetic activity in <i>Ulva rigida</i> (Chlorophyta) estimated by different pulse amplitude modulated fluorimeters and oxygen evolution. <i>Journal of Experimental Botany</i> , 2021, 72, 491-509. | 2.4 | 16 |
| 2 | A New Protocol Using Acidification for Preserving DMSP in Macroalgae and Comparison with Existing Protocols. <i>Journal of Phycology</i> , 2021, 57, 689-693. | 1.0 | 2 |
| 3 | Phlorotannin and Pigment Content of Native Canopy-Forming Sargassaceae Species Living in Intertidal Rockpools in Brittany (France): Any Relationship with Their Vertical Distribution and Phenology?. <i>Marine Drugs</i> , 2021, 19, 504. | 2.2 | 8 |
| 4 | Potential of tropical macroalgae from French Polynesia for biotechnological applications. <i>Journal of Applied Phycology</i> , 2020, 32, 2343-2362. | 1.5 | 7 |
| 5 | Active phlorotannins from seven brown seaweeds commercially harvested in Brittany (France) detected by 1H NMR and in vitro assays: temporal variation and potential valorization in cosmetic applications. <i>Journal of Applied Phycology</i> , 2020, 32, 2375-2386. | 1.5 | 31 |
| 6 | The stressful life of red and brown seaweeds on the temperate intertidal zone: effect of abiotic and biotic parameters on the physiology of macroalgae and content variability of particular metabolites. <i>Advances in Botanical Research</i> , 2020, 95, 247-287. | 0.5 | 37 |
| 7 | Temporal variation in pigment and mycosporine-like amino acid composition of the red macroalga <i>Palmaria palmata</i> from Brittany (France): hypothesis on the MAA biosynthesis pathway under high irradiance. <i>Journal of Applied Phycology</i> , 2020, 32, 2641-2656. | 1.5 | 20 |
| 8 | From In Situ to satellite observations of pelagic Sargassum distribution and aggregation in the Tropical North Atlantic Ocean. <i>PLoS ONE</i> , 2019, 14, e0222584. | 1.1 | 63 |
| 9 | Photo-protective compounds in red macroalgae from Brittany: Considerable diversity in mycosporine-like amino acids (MAAs). <i>Marine Environmental Research</i> , 2019, 147, 37-48. | 1.1 | 61 |
| 10 | Connecting marine productivity to sea-spray via nanoscale biological processes: Phytoplankton Dance or Death Disco?. <i>Scientific Reports</i> , 2015, 5, 14883. | 1.6 | 75 |
| 11 | Factors influencing the distribution of coastal lichens <i>Hydropunctaria maura</i> and <i>Wahlenbergiella mucosa</i> . <i>Marine Ecology</i> , 2015, 36, 1400-1414. | 0.4 | 8 |
| 12 | Marine Algae: a Source of Biomass for Biotechnological Applications. <i>Methods in Molecular Biology</i> , 2015, 1308, 1-37. | 0.4 | 43 |
| 13 | Spectrophotometric Assays of Major Compounds Extracted from Algae. <i>Methods in Molecular Biology</i> , 2015, 1308, 75-101. | 0.4 | 13 |
| 14 | Short-term effects of CO ₂ , nutrients and temperature on three marine macroalgae under solar radiation. <i>Aquatic Biology</i> , 2014, 22, 159-176. | 0.5 | 41 |
| 15 | Short-term effects of increasing CO ₂ , nitrate and temperature on three Mediterranean macroalgae: biochemical composition. <i>Aquatic Biology</i> , 2014, 22, 177-193. | 0.5 | 53 |
| 16 | Chlorophyll a fluorescence responses of temperate Phaeophyceae under submersion and emersion regimes: a comparison of rapid and steady-state light curves. <i>Photosynthesis Research</i> , 2012, 114, 29-42. | 1.6 | 29 |
| 17 | Phenology, TPC and size-fractioning phenolics variability in temperate Sargassaceae (Phaeophyceae). <i>Journal of Applied Phycology</i> , 2012, 26, 1-11. | 1.1 | 41 |
| 18 | Profiling Phlorotannins in Brown Macroalgae by Liquid Chromatography-High Resolution Mass Spectrometry. <i>Phytochemical Analysis</i> , 2012, 23, 547-553. | 1.2 | 103 |

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Impacts of ambient salinity and copper on brown algae: 1. Interactive effects on photosynthesis, growth, and copper accumulation. <i>Aquatic Toxicology</i> , 2011, 104, 94-107. | 1.9 | 58 |
| 20 | Impacts of ambient salinity and copper on brown algae: 2. Interactive effects on phenolic pool and assessment of metal binding capacity of phlorotannin. <i>Aquatic Toxicology</i> , 2011, 104, 1-13. | 1.9 | 73 |
| 21 | Algal chemodiversity and bioactivity: Sources of natural variability and implications for commercial application. <i>Biotechnology Advances</i> , 2011, 29, 483-501. | 6.0 | 463 |
| 22 | Influence of day-night and tidal cycles on phenol content and antioxidant capacity in three temperate intertidal brown seaweeds. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 349, 359-369. | 0.7 | 100 |
| 23 | Intra-thallus phlorotannin content and antioxidant activity in Phaeophyceae of temperate waters. <i>Botanica Marina</i> , 2006, 49, . | 0.6 | 117 |
| 24 | Spatial and seasonal variation in density, reproductive status, length and phenolic content of the invasive brown macroalga <i>Sargassum muticum</i> (Yendo) Fensholt along the coast of Western Brittany (France). <i>Aquatic Botany</i> , 2006, 85, 337-344. | 0.8 | 111 |
| 25 | In vitro experimental assessment of the grazing pressure of two gastropods on <i>Zostera marina</i> L. epiphytic algae. <i>Aquatic Botany</i> , 2004, 78, 183-195. | 0.8 | 32 |
| 26 | Interspecific and temporal variation in phlorotannin levels in an assemblage of brown algae. <i>Botanica Marina</i> , 2004, 47, . | 0.6 | 164 |
| 27 | HPLC analysis of algal pigments to define diet of sea urchins. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2003, 83, 571-573. | 0.4 | 10 |
| 28 | Can low sea urchin densities control macro-epiphytic biomass in a north-east Atlantic maerl bed ecosystem (Bay of Brest, Brittany, France)? <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2002, 82, 867-876. | 0.4 | 33 |