

Alla Silkina

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

745
citations

567281

15
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1054
citing authors

#	ARTICLE	IF	CITATIONS
1	Using microalgae in the circular economy to valorise anaerobic digestate: challenges and opportunities. <i>Bioresource Technology</i> , 2018, 267, 732-742.	9.6	159
2	Investigation of the antifouling constituents from the brown alga <i>Sargassum muticum</i> (Yendo) Fensholt. <i>Journal of Applied Phycology</i> , 2009, 21, 395-403.	2.8	103
3	Utilising light-emitting diodes of specific narrow wavelengths for the optimization and co-production of multiple high-value compounds in <i>Porphyridium purpureum</i> . <i>Bioresource Technology</i> , 2016, 221, 607-615.	9.6	53
4	Evaluation of batch and semi-continuous culture of <i>Porphyridium purpureum</i> in a photobioreactor in high latitudes using Fourier Transform Infrared spectroscopy for monitoring biomass composition and metabolites production. <i>Bioresource Technology</i> , 2015, 189, 357-363.	9.6	52
5	Active substances from <i>Ceramium botryocarpum</i> used as antifouling products in aquaculture. <i>Aquaculture</i> , 2006, 258, 664-674.	3.5	48
6	Cultivating <i>Chlorella vulgaris</i> and <i>Scenedesmus quadricauda</i> microalgae to degrade inorganic compounds and pesticides in water. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18165-18174.	5.3	46
7	Comparative efficiency of macroalgal extracts and booster biocides as antifouling agents to control growth of three diatom species. <i>Marine Pollution Bulletin</i> , 2012, 64, 2039-2046.	5.0	43
8	Valorising nutrient-rich digestate: Dilution, settlement and membrane filtration processing for optimisation as a waste-based media for microalgal cultivation. <i>Waste Management</i> , 2020, 118, 197-208.	7.4	43
9	Antifouling activity of macroalgal extracts on <i>Fragilaria pinnata</i> (Bacillariophyceae): A comparison with Diuron. <i>Aquatic Toxicology</i> , 2009, 94, 245-254.	4.0	29
10	Formulation and utilisation of spent anaerobic digestate fluids for the growth and product formation of single cell algal cultures in heterotrophic and autotrophic conditions. <i>Bioresource Technology</i> , 2017, 244, 1445-1455.	9.6	27
11	Comparing Nutrient Removal from Membrane Filtered and Unfiltered Domestic Wastewater Using <i>Chlorella vulgaris</i> . <i>Biology</i> , 2018, 7, 12.	2.8	26
12	Large-Scale Waste Bio-Remediation Using Microalgae Cultivation as a Platform. <i>Energies</i> , 2019, 12, 2772.	3.1	22
13	Booster biocides and microfouling. <i>Biofouling</i> , 2010, 26, 787-798.	2.2	21
14	Mycosporine-like amino acid and aromatic amino acid transcriptome response to UV and far-red light in the cyanobacterium <i>Chlorogloeopsis fritschii</i> PCC 6912. <i>Scientific Reports</i> , 2020, 10, 20638.	3.3	17
15	Microalgae Cultivation on Nutrient Rich Digestate: The Importance of Strain and Digestate Tailoring under PH Control. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5429.	2.5	17
16	Bioremediation efficacy comparison of nutrient removal from an anaerobic digest waste-based medium by an algal consortium before and after cryopreservation. <i>Journal of Applied Phycology</i> , 2017, 29, 1331-1341.	2.8	15
17	Far-Red Light Acclimation for Improved Mass Cultivation of Cyanobacteria. <i>Metabolites</i> , 2019, 9, 170.	2.9	14
18	Testing the Waste Based Biorefinery Concept: Pilot Scale Cultivation of Microalgal Species on Spent Anaerobic Digestate Fluids. <i>Waste and Biomass Valorization</i> , 2020, 11, 3883-3896.	3.4	5

#	ARTICLE	IF	CITATIONS
19	Production of biofertilizer by biotransformation of poultry waste enriched with molasses and algae. Environmental Quality Management, 2023, 32, 123-134.	1.9	5