Assessment and Characterisation of Irelands Green Tides (Ulva Species)

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#	Paper	IF	Citations
46	Talitrus saltator as a biomonitor: An assessment of trace element contamination on an urban coastline gradient. *Marine Pollution Bulletin*, **2017**, 120, 232-238	6.7	20
45	Intertidal seagrass in Ireland: Pressures, WFD status and an assessment of trace element contamination in intertidal habitats using Zostera noltei. *Ecological Indicators*, **2017**, 82, 117-130	5.8	25
44	Synthesis and characterization of the removal of organic pollutants in effluents. *Reviews on Environmental Health*, **2018**, 33, 135-146	3.8	
43	Use of macroalgae to biomonitor pollutants in coastal waters: Optimization of the methodology. *Ecological Indicators*, **2018**, 84, 710-726	5.8	39
42	The influence of abiotic factors on the bloom-forming alga (Ulvaceae, Chlorophyta): possibilities for the control of the green tides in freshwater ecosystems. *Journal of Applied Phycology*, **2018**, 30, 1405-1416	3.2	14
41	Activated charcoal as a capture material for silver nanoparticles in environmental water samples. *Science of the Total Environment*, **2018**, 645, 356-362	10.2	8
40	Biomonitoring coastal environments with transplanted macroalgae: A methodological review. *Marine Pollution Bulletin*, **2018**, 135, 988-999	6.7	11
39	Impact of land cover on groundwater quality in the Upper Floridan Aquifer in Florida, United States. *Environmental Pollution*, **2019**, 252, 1828-1840	9.3	16
38	Green Tides: New Consequences of the Eutrophication of Natural Waters (Invited Review). *Contemporary Problems of Ecology*, **2019**, 12, 109-125	0.8	23
37	Interannual Improvement in Sea Lettuce Blooms in an Agricultural Catchment. *Frontiers in Marine Science*, **2019**, 6,	4.5	2
36	Nutrients in Saltmarsh Soils Are Weakly Related to those in Adjacent Coastal Waters. *Estuaries and Coasts*, **2019**, 42, 675-687	2.8	4
35	Spatial and temporal variability of biomass and composition of green tides in Ireland. *Harmful Algae* , **2019**, 81, 94-105	5.3	16
34	Macroalgae as a sustainable aquafeed ingredient. *Reviews in Aquaculture*, **2019**, 11, 458-492	8.9	71
33	Arsenic in edible macroalgae: an integrated approach. *Journal of Toxicology and Environmental Health - Part B: Critical Reviews*, **2020**, 23, 1-12	8.6	12
32	Effects of geographical location on potentially valuable components in Ulva intestinalis sampled along the Swedish coast. *Applied Phycology*, **2020**, 1, 80-92	2.6	1
31	Influence of irradiance, dissolved nutrients and salinity on the colour and nutritional characteristics of Gracilariopsis longissima (Rhodophyta). *Algal Research*, **2020**, 52, 102121	5	0
30	Assessing the Impact of Physical and Anthropogenic Environmental Factors in Determining the Habitat Suitability of Seagrass Ecosystems. *Sustainability*, **2020**, 12, 8302	3.6	6

29	The arrival of a red invasive seaweed to a nutrient over-enriched estuary increases the spatial extent of macroalgal blooms. *Marine Environmental Research*, **2020**, 158, 104944	3.3	9
28	Concise review of green algal genus Ulva Linnaeus. *Journal of Applied Phycology*, **2020**, 32, 2725-2741	3.2	9
27	The seaweed resources of Ireland: a twenty-first century perspective. *Journal of Applied Phycology*, **2020**, 32, 1287-1300	3.2	15
26	Dredged marine sediments stabilized/solidified with cement and GGBS: Factors affecting mechanical behaviour and leachability. *Science of the Total Environment*, **2020**, 733, 138551	10.2	21
25	Foliose Ulva Species Show Considerable Inter-Specific Genetic Diversity, Low Intra-Specific Genetic Variation, and the Rare Occurrence of Inter-Specific Hybrids in the Wild. *Journal of Phycology*, **2021**, 57, 219-233	3	9
24	Assessment of the long-term leaching characteristics of cement-slag stabilized/solidified contaminated sediment. *Chemosphere*, **2021**, 267, 128926	8.4	13
23	Freshwater macroalga, Ulva pilifera (Ulvaceae, Chlorophyta) as an indicator of the trophic state of waters for small water bodies. *Ecological Indicators*, **2021**, 121, 106951	5.8	4
22	Temporal changes in the gut microbiota in farmed Atlantic cod (Gadus morhua) outweigh the response to diet supplementation with macroalgae. *Animal Microbiome*, **2021**, 3, 7	4.1	5
21	Mapping Spatial Distribution and Biomass of Intertidal Ulva Blooms Using Machine Learning and Earth Observation. *Frontiers in Marine Science*, **2021**, 8,	4.5	5
20	Genomic analysis of the lectotype specimens of European Ulva rigida and Ulva lacinulata (Ulvaceae, Chlorophyta) reveals the ongoing misapplication of names. *European Journal of Phycology*, 1-11	2.2	7
19	Ulva L. (Ulvales, Chlorophyta) from Manawat□whi/ Three Kings Islands, New Zealand: Ulva piritoka Ng□i Kuri, Heesch & W.A.Nelson, sp. nov. and Records of Two Nonnative Species, U. compressa and U. rigida. *Cryptogamie, Algologie*, **2021**, 42,	0.7	1
18	Elevated CO2 accelerated the bloom of three Ulva species after one life cycle culture. *Journal of Applied Phycology*, **2021**, 33, 3963	3.2	1
17	Native vs. non-indigenous macroalgae in Iceland: The state of knowledge. *Regional Studies in Marine Science*, **2021**, 47, 101944	1.5	
16	Chemical profiling of Ulva species for food applications: What is in a name?. *Food Chemistry*, **2021**, 361, 130084	8.5	3
15	Spatial variability of elemental fingerprints of sea lettuce (Ulva spp.) and its potential use to trace geographic origin. *Algal Research*, **2021**, 59, 102451	5	1
14	Taxonomy of Ulva causing blooms from Jeju Island, Korea with new species, U. pseudo-ohnoi sp. nov. (Ulvales, Chlorophyta). *Algae*, **2019**, 34, 253-266	2.4	8
13	Sea lettuce systematics: lumping or splitting?.		
12	Temporal changes in the gut microbiota in farmed Atlantic cod (Gadus morhua) outweigh the response to diet supplementation with macroalgae.		

11	Biomass and nutrient dynamics of major green tides in Ireland: Implications for biomonitoring.. *Marine Pollution Bulletin*, **2022**, 175, 113318	6.7	2
10	Marine Algal Colorants for the Food Industry. **2022**, 163-179		
9	Ten new species of Ulva (Ulvophyceae, Chlorophyta) discovered in New Caledonia: genetic and morphological diversity, and bloom potential. *European Journal of Phycology*, 1-21	2.2	1
8	Molecular genetic diversity of seaweeds morphologically related to at three sites along the French Atlantic coast.. *PeerJ*, **2021**, 9, e11966	3.1	
7	Data_Sheet_1.docx. **2019**,		
6	Environmental and Economic Impacts of Different Disposal Options for Ulva prolifera Green Tide in the Yellow Sea, China.		0
5	Growth, biofiltration and photosynthetic performance of Ulva spp. cultivated in fishpond effluents: An outdoor study. 9,		0
4	Biological indicators as tools for monitoring water quality of a hot spot area on the Egyptian Mediterranean Coast. **2022**, 15,		0
3	Two bloom forming species of Ulva (Chlorophyta) show different responses to seawater temperature, and no antagonistic interaction.		0
2	Benthic Invertebrates Abundance and Trophic Links in the Coastal Zone during Cladophora Blooms. **2022**, 14, 1053		0
1	Pelagic Sargassum cleanup cost in Mexico. **2023**, 237, 106542		0