Sophie Steinhagen

List of Publications by Year
in descending order

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20 papers	360 citations	933264 10 h-index	839398 18 g-index
20 all docs	20 docs citations	20 times ranked	215 citing authors

#	Article	IF	Citations
1	Ulvan dialdehyde-gelatin hydrogels for removal of heavy metals and methylene blue from aqueous solution. Carbohydrate Polymers, 2020, 249, 116841.	5.1	57
2	Cryptic, alien and lost species: molecular diversity ofUlva sensu latoalong the German coasts of the North and Baltic Seas. European Journal of Phycology, 2019, 54, 466-483.	0.9	43
3	Effects of irradiance, temperature, nutrients, and pCO2 on the growth and biochemical composition of cultivated Ulva fenestrata. Journal of Applied Phycology, 2020, 32, 3243-3254.	1.5	39
4	Molecular analysis ofUlva compressa(Chlorophyta, Ulvales) reveals its morphological plasticity, distribution and potential invasiveness on German North Sea and Baltic Sea coasts. European Journal of Phycology, 2019, 54, 102-114.	0.9	34
5	Sustainable Large-Scale Aquaculture of the Northern Hemisphere Sea Lettuce, Ulva fenestrata, in an Off-Shore Seafarm. Journal of Marine Science and Engineering, 2021, 9, 615.	1.2	32
6	Conspecificity of the model organism Ulva mutabilis and Ulva compressa (Ulvophyceae,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	30
7	In vitro digestibility and Caco-2 cell bioavailability of sea lettuce (Ulva fenestrata) proteins extracted using pH-shift processing. Food Chemistry, 2021, 356, 129683.	4.2	20
8	Harvest Time Can Affect the Optimal Yield and Quality of Sea Lettuce (Ulva fenestrata) in a Sustainable Sea-Based Cultivation. Frontiers in Marine Science, 2022, 9, .	1.2	15
9	Surveying seaweeds from the Ulvales and Fucales in the worldâ€™s most frequently used artificial waterway, the Kiel Canal. Botanica Marina, 2019, 62, 51-61.	0.6	14
10	Cultivation conditions affect the monosaccharide composition in Ulva fenestrata. Journal of Applied Phycology, 2020, 32, 3255-3263.	1.5	14
11	Screening and verification of extranuclear genetic markers in green tide algae from the Yellow Sea. PLoS ONE, 2021, 16, e0250968.	1.1	11
12	Ulva fenestrata protein â€“ Comparison of three extraction methods with respect to protein yield and protein quality. Algal Research, 2021, 60, 102496.	2.4	11
13	Cultivation of seaweeds in food production process waters: Evaluation of growth and crude protein content. Algal Research, 2022, 63, 102647.	2.4	9
14	Effects of geographical location on potentially valuable components in Ulva intestinalis sampled along the Swedish coast. Applied Phycology, 2020, 1, 80-92.	0.6	8
15	<scp>DNA</scp> barcoding of the German green supralittoral zone indicates the distribution and phenotypic plasticity of Blidingia species and reveals Blidingia cornuta sp. nov.. Taxon, 2021, 70, 229-245.	0.4	7
16	Salinity and host drive Ulvaâ€associated bacterial communities across the Atlanticâ€“Baltic Sea gradient. Molecular Ecology, 2023, 32, 6260-6277.	2.0	6
17	Combining pressing and alkaline extraction to increase protein yield from Ulva fenestrata biomass. Food and Bioproducts Processing, 2022, 134, 80-85.	1.8	5
18	New records from the southern North Sea and first records from the Baltic Sea of Kornmannia leptoderma. Botanica Marina, 2019, 62, 63-73.	0.6	3

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19	Vegetation of the supralittoral and upper sublittoral zones of the Western German Baltic Sea coast: a phytosociological study. Botanica Marina, 2022, 65, 121-133.	0.6	2
20	A tufA metabarcoding approach for Ulva and related seaweeds. ARPHA Conference Abstracts, 0, 4, .	0.0	0