Marcel Tutor Ale

List of Publications by Year
in descending order

19 papers	2,073 citations	516215 16 h-index	794141 19 g-index
19 all docs	19 docs citations	19 times ranked	2554 citing authors

#	Article	IF	Citations
1	Alkaline extraction of seaweed carrageenan hydrocolloids using cocoa pod husk ash. Biomass Conversion and Biorefinery, 2018, 8, 577-583.	2.9	5
2	The effects of concentration and heating-cooling rate on rheological properties of Plantago lanceolata seed mucilage. International Journal of Biological Macromolecules, 2018, 115, 1260-1266.	3.6	27
3	Comparison of traditional field retting and Phlebia radiata Cel 26 retting of hemp fibres for fibre-reinforced composites. AMB Express, 2017, 7, 58.	1.4	38
4	Characterization of alginates from Ghanaian brown seaweeds: Sargassum spp. and Padina spp.. Food Hydrocolloids, 2017, 71, 236-244.	5.6	112
5	Rheological properties of agar and carrageenan from Ghanaian red seaweeds. Food Hydrocolloids, 2017, 63, 50-58.	5.6	68
6	DNA-Based Identification and Chemical Characteristics of Hypnea musciformis from Coastal Sites in Ghana. Diversity, 2016, 8, 14.	0.7	7
7	Stepwise extraction of Lepidium sativum seed gum: Physicochemical characterization and functional properties. International Journal of Biological Macromolecules, 2016, 88, 553-564.	3.6	24
8	Protein-free cress seed (Lepidium sativum) gum: Physicochemical characterization and rheological properties. Carbohydrate Polymers, 2016, 153, 14-24.	5.1	20
9	Purification of cress seed (Lepidium sativum) gum: Physicochemical characterization and functional properties. Carbohydrate Polymers, 2016, 141, 166-174.	5.1	42
10	The effect of thermal treatment on the quality changes of Antartic krill meal during the manufacturing process: High processing temperatures decrease product quality. European Journal of Lipid Science and Technology, 2015, 117, 411-420.	1.0	10
11	Seaweed Hydrocolloid Production: An Update on Enzyme Assisted Extraction and Modification Technologies. Marine Drugs, 2015, 13, 3340-3359.	2.2	239
12	Effect of harvest time and field retting duration on the chemical composition, morphology and mechanical properties of hemp fibers. Industrial Crops and Products, 2015, 69, 29-39.	2.5	141
13	The significance of the initiation process parameters and reactor design for maximizing the efficiency of microbial fuel cells. Applied Microbiology and Biotechnology, 2014, 98, 2415-2427.	1.7	31
14	Fucoidans from brown seaweeds: an update on structures, extraction techniques and use of enzymes as tools for structural elucidation. RSC Advances, 2013, 3, 8131-8141.	1.7	266
15	Designed optimization of a single-step extraction of fucose-containing sulfated polysaccharides from Sargassum sp.. Journal of Applied Phycology, 2012, 24, 715-723.	1.5	86
16	Important Determinants for Fucoidan Bioactivity: A Critical Review of Structure-Function Relations and Extraction Methods for Fucose-Containing Sulfated Polysaccharides from Brown Seaweeds. Marine Drugs, 2011, 9, 2106-2130.	2.2	542
17	Fucoidan from Sargassum sp. and Fucus vesiculosus reduces cell viability of lung carcinoma and melanoma cells in vitro and activates natural killer cells in mice in vivo. International Journal of Biological Macromolecules, 2011, 49, 331-336.	3.6	218
18	Differential growth response of Ulva lactuca to ammonium and nitrate assimilation. Journal of Applied Phycology, 2011, 23, 345-351.	1.5	76

#	Article	IF	Citations
19	Fucose-Containing Sulfated Polysaccharides from Brown Seaweeds Inhibit Proliferation of Melanoma Cells and Induce Apoptosis by Activation of Caspase-3 in Vitro. Marine Drugs, 2011, 9, 2605-2621.	2.2	121