

Marcel Tutor Ale

List of Publications by Year in descending order

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19
papers

2,073
citations

516215

16
h-index

794141

19
g-index

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all docs

19
docs citations

19
times ranked

2554
citing authors

#	ARTICLE	IF	CITATIONS
1	Important Determinants for Fucoidan Bioactivity: A Critical Review of Structure-Function Relations and Extraction Methods for Fucose-Containing Sulfated Polysaccharides from Brown Seaweeds. <i>Marine Drugs</i> , 2011, 9, 2106-2130.	2.2	542
2	Fucoidans from brown seaweeds: an update on structures, extraction techniques and use of enzymes as tools for structural elucidation. <i>RSC Advances</i> , 2013, 3, 8131-8141.	1.7	266
3	Seaweed Hydrocolloid Production: An Update on Enzyme Assisted Extraction and Modification Technologies. <i>Marine Drugs</i> , 2015, 13, 3340-3359.	2.2	239
4	Fucoidan from <i>Sargassum</i> sp. and <i>Fucus vesiculosus</i> reduces cell viability of lung carcinoma and melanoma cells in vitro and activates natural killer cells in mice in vivo. <i>International Journal of Biological Macromolecules</i> , 2011, 49, 331-336.	3.6	218
5	Effect of harvest time and field retting duration on the chemical composition, morphology and mechanical properties of hemp fibers. <i>Industrial Crops and Products</i> , 2015, 69, 29-39.	2.5	141
6	Fucose-Containing Sulfated Polysaccharides from Brown Seaweeds Inhibit Proliferation of Melanoma Cells and Induce Apoptosis by Activation of Caspase-3 in Vitro. <i>Marine Drugs</i> , 2011, 9, 2605-2621.	2.2	121
7	Characterization of alginates from Ghanaian brown seaweeds: <i>Sargassum</i> spp. and <i>Padina</i> spp.. <i>Food Hydrocolloids</i> , 2017, 71, 236-244.	5.6	112
8	Designed optimization of a single-step extraction of fucose-containing sulfated polysaccharides from <i>Sargassum</i> sp.. <i>Journal of Applied Phycology</i> , 2012, 24, 715-723.	1.5	86
9	Differential growth response of <i>Ulva lactuca</i> to ammonium and nitrate assimilation. <i>Journal of Applied Phycology</i> , 2011, 23, 345-351.	1.5	76
10	Rheological properties of agar and carrageenan from Ghanaian red seaweeds. <i>Food Hydrocolloids</i> , 2017, 63, 50-58.	5.6	68
11	Purification of cress seed (<i>Lepidium sativum</i>) gum: Physicochemical characterization and functional properties. <i>Carbohydrate Polymers</i> , 2016, 141, 166-174.	5.1	42
12	Comparison of traditional field retting and <i>Phlebia radiata</i> Cel 26 retting of hemp fibres for fibre-reinforced composites. <i>AMB Express</i> , 2017, 7, 58.	1.4	38
13	The significance of the initiation process parameters and reactor design for maximizing the efficiency of microbial fuel cells. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 2415-2427.	1.7	31
14	The effects of concentration and heating-cooling rate on rheological properties of <i>Plantago lanceolata</i> seed mucilage. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 1260-1266.	3.6	27
15	Stepwise extraction of <i>Lepidium sativum</i> seed gum: Physicochemical characterization and functional properties. <i>International Journal of Biological Macromolecules</i> , 2016, 88, 553-564.	3.6	24
16	Protein-free cress seed (<i>Lepidium sativum</i>) gum: Physicochemical characterization and rheological properties. <i>Carbohydrate Polymers</i> , 2016, 153, 14-24.	5.1	20
17	The effect of thermal treatment on the quality changes of Antarctic krill meal during the manufacturing process: High processing temperatures decrease product quality. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 411-420.	1.0	10
18	DNA-Based Identification and Chemical Characteristics of <i>Hypnea musciformis</i> from Coastal Sites in Ghana. <i>Diversity</i> , 2016, 8, 14.	0.7	7

#	ARTICLE	IF	CITATIONS
19	Alkaline extraction of seaweed carrageenan hydrocolloids using cocoa pod husk ash. Biomass Conversion and Biorefinery, 2018, 8, 577-583.	2.9	5