

Niels Thomas Eriksen

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,090
citations

331670

21
h-index

289244

40
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42
all docs

42
docs citations

42
times ranked

2351
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth and metabolic performance of black soldier fly larvae grown on low and high-quality substrates. <i>Waste Management</i> , 2021, 121, 198-205.	7.4	23
2	Impact of substrate moisture content on growth and metabolic performance of black soldier fly larvae. <i>Waste Management</i> , 2021, 127, 73-79.	7.4	31
3	Growth and single cell kinetics of the loricate choanoflagellate <i>Diaphanoeca grandis</i> . <i>Scientific Reports</i> , 2019, 9, 14543.	3.3	1
4	Seasonality in Lipid Content of the Demosponges <i>Halichondria panicea</i> and <i>H. bowerbanki</i> at Two Study Sites in Temperate Danish Waters. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	4
5	Feeding and growth of the marine heterotrophic nanoflagellates, <i>Procrystobia sorokini</i> and <i>Paraphysomonas imperforata</i> on a bacterium, <i>Pseudoalteromonas</i> sp. with an inducible defence against grazing. <i>PLoS ONE</i> , 2018, 13, e0195935.	2.5	12
6	Microalgal CO ₂ capture at extreme pH values. <i>Algal Research</i> , 2018, 32, 321-328.	4.6	23
7	Growth and phycocyanin synthesis in the heterotrophic microalga <i>Galdieria sulphuraria</i> on substrates made of food waste from restaurants and bakeries. <i>Bioresource Technology</i> , 2017, 238, 296-305.	9.6	62
8	Nitrosation and analysis of amino acid derivatives by isocratic HPLC. <i>RSC Advances</i> , 2016, 6, 13120-13128.	3.6	11
9	Exopolysaccharides are partly growth associated products in <i>Microcystis flos-aquae</i> . <i>Journal of Applied Phycology</i> , 2015, 27, 163-170.	2.8	3
10	Mixotrophic continuous flow cultivation of <i>Chlorella protothecoides</i> for lipids. <i>Bioresource Technology</i> , 2013, 144, 608-614.	9.6	48
11	Purification of the photosynthetic pigment C-phycocyanin from heterotrophic <i>Galdieria sulphuraria</i> . <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 2933-2938.	3.5	63
12	Biomass Composition of Blue Mussels, <i>Mytilus edulis</i> , is Affected by Living Site and Species of Ingested Microalgae. <i>ISRN Zoology</i> , 2012, 2012, 1-12.	0.5	18
13	Effects of phosphorous, nitrogen, and carbon limitation on biomass composition in batch and continuous flow cultures of the heterotrophic dinoflagellate <i>Cryptocodinium cohnii</i> . <i>Biotechnology and Bioengineering</i> , 2012, 109, 2005-2016.	3.3	59
14	Quantification of Amino Acids in Fermentation Media by Isocratic HPLC Analysis of Their $\hat{\pm}$ -Hydroxy Acid Derivatives. <i>Analytical Chemistry</i> , 2011, 83, 175-181.	6.5	30
15	H ₂ synthesis from pentoses and biomass in <i>Thermotoga</i> spp.. <i>Biotechnology Letters</i> , 2011, 33, 293-300.	2.2	49
16	Sequential secretion of collagenolytic, elastolytic, and keratinolytic proteases in peptide-limited cultures of two <i>Bacillus cereus</i> strains isolated from wool. <i>Journal of Applied Microbiology</i> , 2009, 107, 226-234.	3.1	27
17	Production of phycocyanin—a pigment with applications in biology, biotechnology, foods and medicine. <i>Applied Microbiology and Biotechnology</i> , 2008, 80, 1-14.	3.6	546
18	The technology of microalgal culturing. <i>Biotechnology Letters</i> , 2008, 30, 1525-1536.	2.2	246

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19	Phosphate-limited continuous flow cultures of <i>Fusarium venenatum</i> A3/5 and production of acid phosphatase. <i>Enzyme and Microbial Technology</i> , 2007, 40, 902-907.	3.2	1
20	Activity of recombinant GST in <i>Escherichia coli</i> grown on glucose and glycerol. <i>Process Biochemistry</i> , 2007, 42, 1259-1263.	3.7	13
21	Heterotrophic high-cell-density fed-batch and continuous-flow cultures of <i>Galdieria sulphuraria</i> and production of phycocyanin. <i>Applied Microbiology and Biotechnology</i> , 2007, 77, 69-75.	3.6	124
22	On-line estimation of O ₂ production, CO ₂ uptake, and growth kinetics of microalgal cultures in a gas-tight photobioreactor. <i>Journal of Applied Phycology</i> , 2007, 19, 161-174.	2.8	76
23	Hydrogen production in anaerobic and microaerobic <i>Thermotoga neapolitana</i> . <i>Biotechnology Letters</i> , 2007, 30, 103-109.	2.2	50
24	Acid phosphatase production by <i>Aspergillus niger</i> N402A in continuous flow culture. <i>FEMS Microbiology Letters</i> , 2006, 254, 324-331.	1.8	20
25	Accumulation of phycocyanin in heterotrophic and mixotrophic cultures of the acidophilic red alga <i>Galdieria sulphuraria</i> . <i>Enzyme and Microbial Technology</i> , 2006, 38, 168-175.	3.2	113
26	Heterotrophic high cell-density fed-batch cultures of the phycocyanin-producing red alga <i>Galdieria sulphuraria</i> . <i>Biotechnology and Bioengineering</i> , 2005, 90, 77-84.	3.3	111
27	Homogeneous batch cultures of <i>Aspergillus oryzae</i> by elimination of wall growth in the Variomixing bioreactor. <i>Applied Microbiology and Biotechnology</i> , 2004, 64, 192-198.	3.6	16
28	Growth responses of the mixotrophic dinoflagellates, <i>Cryptoperidiniopsis</i> sp. and <i>Pfiesteria piscicida</i> , to light under prey-saturated conditions. <i>Harmful Algae</i> , 2002, 1, 191-203.	4.8	31
29	Growth and proton exchange in recombinant <i>Escherichia coli</i> BL21. <i>Enzyme and Microbial Technology</i> , 2002, 31, 566-574.	3.2	22
30	Accuracy and precision of aquatic respirometers with emphasis on monophasic oxystats. <i>Fish Physiology and Biochemistry</i> , 2002, 26, 139-147.	2.3	9
31	Resistance of the marine diatom <i>Thalassiosira</i> sp. to toxicity of phenolic compounds. <i>Marine Ecology - Progress Series</i> , 2002, 229, 11-18.	1.9	38
32	Automatic inducer addition and harvesting of recombinant <i>Escherichia coli</i> cultures based on indirect on-line estimation of biomass concentration and specific growth rate. <i>Biotechnology and Bioengineering</i> , 2001, 75, 355-361.	3.3	11
33	Cyanide-resistant respiration in diverse marine phytoplankton. Evidence for the widespread occurrence of the alternative oxidase. <i>Aquatic Microbial Ecology</i> , 1999, 17, 145-152.	1.8	13
34	Dual sparging laboratory-scale photobioreactor for continuous production of microalgae. <i>Journal of Applied Phycology</i> , 1998, 10, 377-382.	2.8	30
35	Indirect Estimation of Poly- ¹² -Hydroxybutyric Acid by Cell Carbon Analysis. <i>Biotechnology Letters</i> , 1998, 12, 451-454.	0.5	3
36	On-line determination of respiration rates of aquatic organisms in a mono-phase oxystat at steady-state dissolved oxygen tensions. <i>Marine Biology</i> , 1997, 128, 181-189.	1.5	12

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37	Phototrophic growth in the lumostat: a photo-bioreactor with on-line optimization of light intensity. <i>Journal of Applied Phycology</i> , 1996, 8, 345-352.	2.8	43
38	On-line determination of pigment composition and biomass in cultures of microalgae. <i>Biotechnology Letters</i> , 1995, 9, 49-54.	0.5	12
39	Feeding, growth and respiration in the polychaetes <i>Nereis diversicolor</i> (facultative filter-feeder) and <i>N. virens</i> (omnivorous)-a comparative study. <i>Marine Ecology - Progress Series</i> , 1995, 125, 149-158.	1.9	81
40	Determination of the overall volumetric mass transfer coefficient kLa , by a temperature dependent change of gas solubility. <i>Biotechnology Letters</i> , 1994, 8, 435-440.	0.5	2