

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
g-index

42
all docs

42
docs citations

42
times ranked

2351
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | The technology of microalgal culturing. <i>Biotechnology Letters</i> , 2008, 30, 1525-1536. | 2.2 | 246 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Hydrogen production in anaerobic and microaerobic <i>Thermotoga neapolitana</i> . <i>Biotechnology Letters</i> , 2007, 30, 103-109. | 2.2 | 50 |
| 12 | H ₂ synthesis from pentoses and biomass in <i>Thermotoga</i> spp.. <i>Biotechnology Letters</i> , 2011, 33, 293-300. | 2.2 | 49 |
| 13 | Mixotrophic continuous flow cultivation of <i>Chlorella protothecoides</i> for lipids. <i>Bioresource Technology</i> , 2013, 144, 608-614. | 9.6 | 48 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Dual sparging laboratory-scale photobioreactor for continuous production of microalgae. <i>Journal of Applied Phycology</i> , 1998, 10, 377-382. | 2.8 | 30 |

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|----|--|-----|-----------|
| 19 | Quantification of Amino Acids in Fermentation Media by Isocratic HPLC Analysis of Their α -Hydroxy Acid Derivatives. <i>Analytical Chemistry</i> , 2011, 83, 175-181. | 6.5 | 30 |
| 20 | 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 |
| 21 | Microalgal CO ₂ capture at extreme pH values. <i>Algal Research</i> , 2018, 32, 321-328. | 4.6 | 23 |
| 22 | 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 |
| 23 | Growth and proton exchange in recombinant <i>Escherichia coli</i> BL21. <i>Enzyme and Microbial Technology</i> , 2002, 31, 566-574. | 3.2 | 22 |
| 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 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | On-line determination of pigment composition and biomass in cultures of microalgae. <i>Biotechnology Letters</i> , 1995, 9, 49-54. | 0.5 | 12 |
| 30 | 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 |
| 31 | 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 |
| 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 | Nitrosation and analysis of amino acid derivatives by isocratic HPLC. <i>RSC Advances</i> , 2016, 6, 13120-13128. | 3.6 | 11 |
| 34 | Accuracy and precision of aquatic respirometers with emphasis on monophasic oxystats. <i>Fish Physiology and Biochemistry</i> , 2002, 26, 139-147. | 2.3 | 9 |
| 35 | 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 |
| 36 | Indirect Estimation of Poly- α -Hydroxybutyric Acid by Cell Carbon Analysis. <i>Biotechnology Letters</i> , 1998, 12, 451-454. | 0.5 | 3 |

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|----|---|-----|-----------|
| 37 | 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 |
| 38 | Determination of the overall volumetric mass transfer coefficient $k_L a$, by a temperature dependent change of gas solubility. <i>Biotechnology Letters</i> , 1994, 8, 435-440. | 0.5 | 2 |
| 39 | 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 |
| 40 | Growth and single cell kinetics of the loricate choanoflagellate <i>Diaphanoeca grandis</i> . <i>Scientific Reports</i> , 2019, 9, 14543. | 3.3 | 1 |