

Publikasjonsliste for 1971-2000

- 1971 **DaSilva, E.J. and Jensen, A.** Choline, ergosterol and tocopherol content of some Norwegian lichens. *Journal of the science of food and agriculture* **22**, 308-311.
- 1971 **DaSilva, E.J. and Jensen, A.** Content of α -tocopherol in some blue-green algae. *Biochimica et biophysica acta* **239**, 345-347.
- 1971 **Ishak, M.F. and Painter, T.** Formation of inter-residue hemiacetals during the oxidation of polysaccharides by periodate ion. *Acta Chemica Scandinavica* **25**, 3875-3877.
- 1971 **Larsen, B. and Haug, A.** Biosynthesis of alginate. Part I. Composition and structure of alginate produced by *Azotobacter vinelandii* (Lipman). *Carbohydr. Res.* **17**, 287-296.
- 1971 **Larsen, B. and Haug, A.** Biosynthesis of alginate. Part III. Tritium incorporation with polymannuronic acid 5-epimerase from *Azotobacter vinelandii*. *Carbohydr. Res.* **20**, 225-232.
- 1971 **Sakshaug, E. and Jensen, A.** *Gonyaulax tamarensis* and paralytic mussel toxicity in Trondheimsfjorden, 1963-1969. *Det Kongelige Norske Videnskabers Selskab Skrifter* **15**, 1-15.
- 1971 **Smidsrød, O.** Estimation of the relative stiffness of the molecular chain in polyelectrolytes from viscosity measurements at different ionic strengths. Comparison of polycations and polyanions. *Acta Chemica Scandinavica* **25**, 2770-2771.
- 1971 **Smidsrød, O. and Haug, A.** Estimation of the relative stiffness of the molecular chain in polyelectrolytes from measurements of viscosity of different ionic strengths. *Biopolymers* **10**, 1213-1227.
- 1972 **Anthonsen, T., Larsen, B. and Smidsrød, O.** NMR-studies of the interaction of metal ions with poly(1,4-hexuronates). I. Chelation of europium ions by D-galacturonic acid. *Acta Chemica Scandinavica* **26**, 2988-2989.
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- 1972 **Hellebust, J.A. and Haug, A.** Photosynthesis, translocation, and alginic acid synthesis in *Laminaria digitata* and *Laminaria hyperborea*. *Canadian journal of botany* **50**, 169-176.
- 1972 **Jensen, A.** Dialysekultur av planteplankton - anvendelsesmuligheter i forurensningsstudier. *Vann* **7**, 100-104.
- 1972 **Jensen, A.** The nutritive value of seaweed meal for domestic animals. *Proc. Int. Seaweed Symp., 7th* 1971. Edited by Nisizawa, K., University of Tokyo Press 1972. 7-14.
- 1972 **Jensen, A., Rystad, B. and Skoglund, L.** The use of dialysis culture in phytoplankton studies. *J. Exp. Mar. Biol. Ecol.* **8**, 241-248.
- 1972 **Kohn, R. and Larsen, B.** Preparation of water-soluble polyuronic acids and their calcium salts, and the determination of calcium ion activity in relation to the degree of polymerization. *Acta Chemica Scandinavica* **26**, 2455-2468.
- 1972 **Larsen, B. and Haug, A.** Biosynthesis of alginate. *Proc. Int. Seaweed Symp., 7th* 1971. Edited by Nisizawa, K., University of Tokyo Press. 491-496.
- 1972 **Lunde, G., Smidsrød, O. and Haug, A.** Selectivity of polyuronates for lanthanide ions. *Acta Chemica Scandinavica* **26**, 3421-3426.

- 1972 **Myklestad, S. and Haug, A.** Production of carbohydrates by the marine diatom *Chaetoceros affinis* var. *willei* (Gran) Hustedt. I. Effect of the concentration of nutrients in the culture medium. *J. Exp. Mar. Biol. Ecol.* **9**, 125-136.
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- 1972 **Prakash, A., Jensen, A. and Rashid, M.A.** Humic substances and aquatic productivity. *Proc. Int. Meet. Humic Substances.* Nieuwersluis, Pudoc, Wageningen. Edited by N.N., **259-268**.
- 1972 **Smidsrød, O. and Haug, A.** Dependence upon the gel-sol state of ion-exchange properties of alginic acid. *Acta Chemica Scandinavica* **26**, 2063-2074.
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- 1972 **Smidsrød, O., Haug, A. and Lian, B.** Properties of Poly(1,4-hexuronates) in the gel state. I. Evaluation of a method for the determination of stiffness. *Acta Chemica Scandinavica* **26**, (1), 71-78.
- 1972 **Smidsrød, O., Haug, A. and Whittington, S.G.** The molecular basis for some physical properties of polyuronides. *Acta Chemica Scandinavica* **26**, 2563-2566.
- 1972 **Sund, E., Haanæs, E., Smidsrød, O. and Ugelstad, J.** Determination of specific surface area of PVC by a gas-chromatographic technique. *Journal of polymer science* **16**, 1869-1871.
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- 1973 **Haug, A., Myklestad, S. and Sakshaug, E.** Studies on the phytoplankton ecology of the Trondheimsfjord. I. The chemical composition of phytoplankton populations. *J. Exp. Mar. Biol. Ecol.* **11**, 15-26.
- 1973 **Ishak, M.F. and Painter, T.** The anomalous periodate oxidation limit of guaran. *Acta Chemica Scandinavica* **27**, 1268-1276.
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- 1973 **Madgwick, J., Haug, A. and Larsen, B.** Alginate lyase in the brown algae *Laminaria digitata* (Huds.) Lamour. *Acta Chemica Scandinavica* **27**, 711-712.
- 1973 **Madgwick, J., Haug, A. and Larsen, B.** Polymannuronic acid 5-epimerase from the marine alga *Pelvetia canaliculata* (L.) Dcne. et Thur. *Acta Chemica Scandinavica* **27**, 3592-3594.

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- 1973 **Prakash, A., Skoglund, L., Rystad, B. and Jensen, A.** Growth and cell-size distribution of marine planktonic algae in batch and dialysis cultures. *Journal of the Fisheries Research Board of Canada* **30**, 143-155.
- 1973 **Sakshaug, E. and Myklestad, S.** Studies on the phytoplankton ecology of the Trondheimsfjord. III. Dynamics of phytoplankton blooms in relation to environmental factors, bioassay experiments and parameters for the physiological state of the populations. *J. Exp. Mar. Biol. Ecol.* **11**, 157-188.
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