

Publications



Dissertations

1. Buehler, D.M. Bottlenecks, budgets and immunity. The costs and benefits of immune function over the annual cycle of red knots (*Calidris canutus*). Groningen University, 248 pp.
2. Compton, T.J. Bivalve traits and distributions to explore species diversity at tropical and temperate tidal flats. Groningen University, 180 pp.
3. Mienis, F. Environmental Constraints on Cold-Water Coral Growth and Carbonate Mound Formation. Vrije Universiteit Amsterdam, 209 pp.
4. Rattray, J.E. Ladderane lipids in anammox bacteria: occurrence, biosynthesis and application as environmental markers. Utrecht University, 204 pp.

Refereed papers in scientific journals

1. Agogué, H., Brink, M., Dinasquet, J., Herndl, G.J. Major gradients in putatively nitrifying and non-nitrifying Archaea in the deep North Atlantic. *Nature* 456, 788-791.
2. Bakker, D.C.E., Hoppema, M., Schroder, M., Geibert, W., de Baar, H.J.W. A rapid transition from ice covered CO₂-rich waters to a biologically mediated CO₂ sink in the eastern Weddell Gyre. *Biogeosciences* 5, 1373-1386.
3. Balk, M., Altinbas, M., Rijpstra, W.I.C., Sinninghe Damsté, J.S., Stams, A.J.M. *Desulfatirhabdium butyrativorans* gen. nov., sp. nov., a butyrate-oxidizing, sulfate-reducing bacterium isolated from an anaerobic bioreactor. *International Journal of Systematic and Evolutionary Microbiology* 58, 110-115.
4. Baudoux, A-C., Brussaard, C.P.D. Influence of irradiance on viral-algal host interactions. *Journal of Phycology* 44, 902-908.
5. Baudoux, A-C., Veldhuis, M.J.W., Noordeloos, A.A.M., Brussaard, C.P.D. Estimates of virus vs. grazing induced mortality of picophytoplankton in the North Sea during summer 2003. *Aquatic Microbial Ecology* 52, 69-82.
6. Beckmann, B., Hofmann, P., Marz, C., Schouten, S., Sinninghe Damsté, J.S., Wagner, T. Coniacian-Santonian deep ocean anoxia/euxinia inferred from molecular and inorganic markers: Results from the Demerara Rise (ODP Leg 207). *Organic Geochemistry* 39, 1092-1096.
7. Belviso, S., Bopp, L., Mosseri, J., Tedetti, M., Garcia, N., Griffiths, B., Joux, F., Obernosterer, I., Uitz, J., Veldhuis, M.J.W. Effect of natural iron fertilization on the distribution of DMS and DMSP in the Indian sector of the Southern Ocean. *Deep Sea Research II* 55, 893-900.
8. Bornemann, A., Norris, R.D., Friedrich, O., Beckmann, B., Schouten, S., Sinninghe Damsté, J.S., Vogel, J., Hofmann, P., Wagner, T. Isotopic evidence for glaciation during the Cretaceous supergreenhouse. *Science* 319, 189-192.
9. Brovkin, V., Kim, J.H., Hofmann, M., Schneider, R.R. A lowering effect of reconstructed Holocene changes in sea surface temperatures on the atmospheric CO₂ concentration. *Global Biogeochemical Cycles* 22, GB1016, doi:10.1029/2006GB002885.
10. Brussaard, C.P.D., Martínez Martínez, J. Algal bloom viruses. *Plant Viruses* 2, 1-13.
11. Brussaard, C.P.D., Timmermans, K.R., Uitz, J., Veldhuis, M.J.W. Virioplankton dynamics and virally induced phytoplankton lysis versus microzooplankton grazing southeast of the Kerguelen (Southern Ocean). *Deep Sea Research II* 55, 752-765.
12. Brussaard, C.P.D., Wilhelm, S.W., Thingstad, F., Weinbauer, M.G., Bratbak, G., Heldal, M., Kimmance, S.A., Middelboe, M., Nagasaki, K., Paul, J.H., Schroeder, D.C., Suttle, C.A., Vaqué, D., Wommack, K.E. Global-scale processes with a nanoscale drive: the role of marine viruses. *The ISME Journal* 2, 575-578.
13. Buehler, D.M., Bohla, N., Barjaktarov, D., Goymann, W., Schwabl, I., Tieleman, B.I., Piersma, T. Standing immune function responds more slowly to capture stress than corticosterone in a shorebird. *Physiological and Biochemical Zoology* 81, 673-681.
14. Buehler, D.M., Piersma, T. Travelling on a budget: predictions and ecological evidence for bottlenecks in the annual cycle of long-distance migrants. *Philosophical Transactions of the Royal Society of London B* 363, 247-266.
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16. Buijsman, M.C., Ridderinkhof, H. Long-term evolution of sand waves in the Marsdiep inlet. I: High-resolution observations. *Continental Shelf Research* 28, 1190-1201.
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21. Cadée, G.C. Gulf Stream Coconuts. The Harries-Baker test for discrimination between flotsam/jetsam and natural dissemination. *Journal International Palm Society* 52, 19-21.
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24. Cadée, G.C. Nijhuis, W. Broken *Littorina littorea* shells: predation by birds? *Basteria* 71, 101-104.
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