Nakano Publications (until 23 December 2018)

(a) Original papers

1. Hiraoka, S., Y. Okazaki, M. Anda, A. Toyoda, S. Nakano, W. Iwasaki (2019, in press) Metaepigenomic analysis reveals the unexplored diversity of DNA methylation in an environmental prokaryotic community. Nature Communications
2. Doi, H., K.-H. Chang, S. Nakano (2018) Trophic niche breadth of pond zooplankton species using stable isotope analysis and the relationship with the abiotic and biotic factors. R. Soc. open sci. 5: 180917. http://dx.doi.org/10.1098/rsos.180917
3. Okazaki, Y., M. M. Salcher, C. Callieri, S. Nakano (2018) The broad habitat spectrum of the CL500-11 lineage (phylum Chloroflexi), a dominant bacterioplankton in oxygenated hypolimnia of deep freshwater lakes. Frontiers in Microbiology doi: 10.3389/fmicb.2018.02891
4. Mehrshad M., M. M. Salcher, Y. Okazaki, S. Nakano, K. Šimek, A. S. Andrei, R. Ghai (in press) Hidden in plain sight - highly abundant and diverse planktonic freshwater Chloroflexi. Microbiome
5. Mochizuki, A., S. Nakano (8th out of 18 authors) (2018) Distributions and geochemical behaviors of oxyanion-forming trace elements and uranium in the Hövsgöl-Baikal-Yenisei water system of Mongolia and Russia. J. Geochem. Exploration 188: 123-136.
6. Okano, J., A. Shibata, Y. Sakai, M. Yamaguchi, M. Ohishi, Y. Goda, S. Nakano, N. Okuda. (2018) The effect of human activities on benthic macroinvertebrate diversity in tributary lagoons surrounding Lake Biwa. Limnology 19: 199-207.
7. Mukherjee, I., Y. Hodoki, S. Nakano (2017) Seasonal dynamics of heterotrophic and plastidic protists in the water column of Lake Biwa, Japan. Aquat. Microb. Ecol. 80: 123-137.
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9. Okazaki, Y., S. Fujinaga, A. Tanaka, A. Kohzu, H. Oyagi, S. Nakano (2017) Ubiquity and quantitative significance of bacterioplankton lineages inhabiting the oxygenated hypolimnion of deep freshwater lakes. ISME J. 11, 2279–2293.
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13. Tanabe Y, Okazaki Y, Yoshida M, Matsuura H, Kai A, Shiratori T, Ishida K, Nakano S, Watanabe MM. (2015) A novel alphaproteobacterial ectosymbiont promotes the growth of the hydrocarbon-rich green alga Botryococcus braunii. Scientific Reports 5 doi:10.1038/srep10467
14. Nishino, H., Y. Hodoki, S. D. Thottathil, K. Ohbayashi, Y. Takao and S. Nakano (2015) Identification of species and genotypic compositions of *Cryptomonas* (Cryptophyceae) populations in the eutrophic Lake Hira, Japan, using single-cell PCR. Aquat. Ecol. 49: 263-272.
15. Takasu, H., M. Ushio, J. E. LeClair, S. Nakano (2015) High contribution of *Synechococcus* to phytoplankton biomass in the aphotic hypolimnion in a deep freshwater lake (Lake Biwa, Japan). Aquat. Microb. Ecol. 75: 69-79. doi:10.3354/ame01749
16. Kobayashi, Y., Y. Hodoki, K. Ohbayashi, N. Okuda, S. Nakano (2015) Changes in bacterial community structure associated with phytoplankton succession in outdoor experimental ponds. Plankton Benthos Res. 10: 34-44.
17. Chang, K.-H, H. Doi, Y. Nishibe, G.-S. Nam, S. Nakano (2014) Feeding behavior of the copepod Temora turbinata: clearance rate and prey preference on the diatom and microbial food web components in coastal area. J. Ecol. Environ. 37: 225-229.
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