

Nakano Publications (until 15 January 2025)

(a) Original papers

1. Takasu, H., Y. Tani and S. Nakano (2025) Growth and grazing mortality of *Synechococcus* during their summer bloom in a brackish hypertrophic lake (Lake Sanaru, Japan). *Limnology* (in press)
2. Narita, T., Ueda T., Ikeya T. and Nakano S. (2024) Long-term changes in the density and composition of profundal macrobenthos in Lake Biwa from 1966 to 2000. *Inland Waters* 14: 143-154. DOI : <https://doi.org/10.1080/20442041.2024.2388338>
3. Deb, S., C. L. Weilhoefer, K. Fukushima, Y. Goda, T. Akatsuka, S. Nakano (2024) Seasonal changes in cell size of the dominant diatom species in Lake Biwa. *International Journal of Limnology* 60, <https://doi.org/10.1051/limn/2024005>
4. Yoshida, J., S. Deb and S. Nakano (2024) Comparing planktonic heliozoan abundance in deep and shallow basins of Lake Biwa: exploring optimal growth temperature, food resources, and habitat use. *J. Plankton Res.* fbad062, <https://doi.org/10.1093/plankt/fbad062>
5. Hayakawa, K., S. Nakano, R. Li, F. Sun, F. Wu, N. Takei, K. Shimotori, A. Imai (2023) Absorption properties of dissolved organic matter in East Asian temperate lakes. *Limnology* 24: 235-250. <https://doi.org/10.1007/s10201-023-00722-9>
6. Okazaki, Y., T. T. Nguyen, A. Nishihara, H. Endo, H. Ogata, S. Nakano, H. Tamaki (2023) A fast and easy method to co-extract DNA and RNA from an environmental microbial sample. *Microbes & Environments* <https://www.jstage.jst.go.jp/browse/jsme2> doi:10.1264/jsme2.ME22102
7. Jiang MQ, Nakano S (2022) The crucial influence of trophic status on the relative requirement of nitrogen to phosphorus for phytoplankton growth. *Water Research* 222: 118868. DOI: 10.1016/j.watres.2022.118868.
8. Okazaki Y, Nakano S, Toyoda A, Tamaki H (2022) Long-read-resolved, ecosystem-wide exploration of nucleotide and structural microdiversity of lake bacterioplankton genomes. *mSystems* 7(4): e00433-22. DOI: 10.1128/msystems.00433-22.
9. Soumya D, Cai J, Hodoki Y, Goda Y, Akatsuka T, Nakano S (2022) Seasonal changes in the cell size and density of the diatom *Fragilaria crotonensis* Kitton in Lake Biwa. *Biologia* 77(12): 3469-3476. DOI: 10.1007/s11756-022-01138-z.
10. Chiriac MC, Bulzu PA, Andrei AS, Okazaki Y, Nakano S, Haber M, Kavagutti VS, Layoun P, Ghai R, Salcher MM (2022) Ecogenomics sheds light on diverse lifestyle strategies in freshwater CPR. *Microbiome* 10(1): 84. DOI: 10.1186/s40168-022-01274-3.
11. Hosoda K, Murata T, Mochizuki A, Katano T, Tanaka Y, Mimura T, Mitamura O, Nakano S, Sugiyama Y, Satoh Y, Watanabe Y, Dulmaa A, Ayushsuren C, Ganchimeg D, Drucker VV, Fialkov VA, Sugiyama M (2022) Biogeochemical characteristics of the Hovsgol-Ustlimsk water system in Mongolia and Russia: the effect of environmental factors on dissolved chemical components. *Limnology* 23(2): 385-402. DOI: 10.1007/s10201-021-00694-8.
12. Weilhoefer CL, Nakano S, Soumya D, Fukushima K (2022) Nutrient limitation of primary production in rivers in the Lake Biwa Basin, Shiga Prefecture, Japan. *Aquatic Ecology*. <https://doi.org/10.1007/s10452-022-09971-9>
13. Jiang M., S. Nakano (2022) New insights into the stoichiometric regulations on carotenoid production by *Chlorella vulgaris*: Hue variance as a potential indicator. *Bioresource Technology Reports* <https://doi.org/10.1016/j.biteb.2022.101227>
14. Jiang, M. & S. Nakano (2021) Application of image analysis for algal biomass quantification: a low-cost and non-destructive method based on HSI color space. *J. Appl. Phycol.* 33: 3709-3717. DOI: 10.1007/s10811-021-02571-4.
15. Cai, J, Y. Hodoki, S. Nakano (2021) Phylogenetic diversity of the picocyanobacterial community from a novel winter bloom in Lake Biwa. *Limnology* 22:161–167
16. Liu, Y, Y. Chen, H. Fang, H. Lu, X. Wu, G Yu, S. Nakano, R. Li (2021) Relationship between morphospecies and microcystin-producing genotypes of *Microcystis* species in Chinese freshwaters. *J. Oceanogr. Limnol.* <https://doi.org/10.1007/s00343-020-0276-2>
17. Okazaki, Y., S. Fujinaga, M. M. Salcher, C. Callieri, A. Tanaka, A. Kohzu, H. Oyagi, H. Tamaki, S. Nakano (2021) Microdiversity and phylogeographic diversification of bacterioplankton in pelagic freshwater systems revealed through long-read amplicon sequencing. *Microbiome* 9:24 <https://doi.org/10.1186/s40168-020-00974-y>

18. Cai, J., Y. Hodoki, M. Ushio, S. Nakano (2021) Influence of potential grazers on picocyanobacterial abundance in Lake Biwa revealed with empirical dynamic modeling. *Inland Waters* 10: 386-396. <https://doi.org/10.1080/20442041.2020.1711682>
19. 早川和秀・佐藤祐一・岡本高弘・永田貴丸・後藤直成・富岡典子・中野伸一 (2020) 琵琶湖における水質管理のあり方に関する研究と課題、地球環境 25:
20. Mukherjee, I., M. M. Salcher, A. S. Andrei, V. S. Kavagutti, T. Shabarova, V. Grujić, M. Haber, P. Layoun, Y. Hodoki, S. Nakano, K. Šimek, R. Ghai (2020) A freshwater radiation of diplomonads. *Environmental Microbiology* 22: 4658–4668
21. Kataoka, T., K. Ohbayashi, Y. Kobayashi, H. Takasu, S. Nakano, R. Kondo, Y. Hodoki (2020) Distribution of the harmful bloom-forming cyanobacterium, *Microcystis aeruginosa*, in 88 freshwater environments in Japan. *Microbes & Environments*. 35, doi:10.1264/jsme2.ME19110
22. Hodoki Y, Goda Y, Akatsuka T, Koitabashi T, Nakano S (2020) Long-term variation in abundance of the non-native phytoplankton *Micrasterias hardyi* (Zygnematophyceae, Streptophyta) in Lake Biwa, Japan. *Limnology* 21: 67-72 doi.org/ 10.1007%2Fs10201-019-00595-x
23. Mukherjee, I., Y. Hodoki, Y. Okazaki, S. Fujinaga, K. Ohbayashi, S. Nakano (2019) Widespread Dominance of Kinetoplastids and Unexpected Presence of Diplomonads in Deep Freshwater Lakes. *Frontiers Microbiol.* <https://doi.org/10.3389/fmicb.2019.02375>
24. Okazaki Y, Nishimura Y, Yoshida T, Ogata H, Nakano S (2019) Genome-resolved viral and cellular metagenomes revealed potential key virus-host interactions in a deep freshwater lake. *Environ. Microbiol.* 21: 4740-4754 <https://doi.org/10.1111/1462-2920.14816>
25. Ohbayashi, K., N. Ishikawa, Y. Hodoki, Y. Okada, S. Nakano, M. Ito, M. Shimada (2019) Rapid development and characterization of EST-SSR markers for the honey locust seed beetle, *Megabrychidius dorsalis* (Coleoptera: Bruchidae), using de novo transcriptome analysis based on next-generation sequencing. *App. Entomol. Zool.* 54: 141-145 doi.org/ 10.1007%2Fs13355-019-00605-5
26. Hiraoka, S., Y. Okazaki, M. Anda, A. Toyoda, S. Nakano, W. Iwasaki (2019) Metaepigenomic analysis reveals the unexplored diversity of DNA methylation in an environmental prokaryotic community. *Nature Communications* 10: 159 <https://www.nature.com/articles/s41467-018-08103-y>
27. Doi, H., K.-H. Chang, S. Nakano (2019) 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>
28. 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
29. Mehrshad M., M. M. Salcher, Y. Okazaki, S. Nakano, K. Šimek, A. S. Andrei, R. Ghai (2018) Hidden in plain sight - highly abundant and diverse planktonic freshwater Chloroflexi. *Microbiome* 6: 176.
30. Mochizuki, A., T. Murata, K. Hosoda, T. Katano, Y. Tanaka, T. Mimura, O. Mitamura, S. Nakano, Y. Okazaki, Y. Sugiyama, Y. Satoh, Y. Watanabe, A. Dulmaa, C. Ayushsureni, D. Ganchimeg, V. Drucker, V. A. Fialkov, M. Sugiyama (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.
31. 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.
32. 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.
33. Okano, J., S. Nakano, I. Tayasu, N. Okuda (2017) Differential responses to predator's chemical cue for two ecologically similar species: implication for coexistence mechanism. *Zool. Sci.* 34: 461-467.
34. 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.
35. Takasu, H., Nakano, S. (2017) Growth and mortality rates of prokaryotes in the hypolimnion of a deep freshwater lake (Lake Biwa, Japan). *Inland Waters.* <https://doi.org/10.1080/20442041.2017.1298222>
36. Okazaki, Y., Nakano, S. (2016) Vertical partitioning of freshwater bacterioplankton community in a

- deep mesotrophic lake with a fully oxygenated hypolimnion (Lake Biwa, Japan). *Environ. Microbiol. Rept.* 8: 780-788.
37. Mukherjee, I., Hodoki, Y., Nakano, S. (2015) Kinetoplastid flagellates overlooked by universal primers dominate in the oxygenated hypolimnion of Lake Biwa, Japan. *FEMS Microb. Ecol.* 91 fiv083
 38. 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
 39. 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.
 40. 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
 41. 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.
 42. 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.
 43. Ushio, M., K. Makoto, J. Klaminder, H. Takasu, S. Nakano (2014) High-throughput sequencing shows inconsistent results with a microscope-based analysis of the soil prokaryotic community. *Soil Biology & Biochemistry* 76: 53-56.
 44. Takasu, H., T. Kunihiro, S. Nakano (2014) Protistan grazing and viral lysis losses of bacterial carbon production in a large mesotrophic lake (Lake Biwa). *Limnology* 15: 257-270.
 45. Sugiyama, Y., PG. Hatcher, RL. Sleighter, T. Suzuki, C. Wada, T. Kumagai, O. Mitamura, T. Katano, S. Nakano, Y. Tanaka, VV. Drucker, VA. Fialkov, M. Sugiyama (2014) Developing an understanding of dissolved organic matter dynamics in the giant Lake Baikal by ultrahigh resolution mass spectrometry. *Limnology* 15: 127-139.
 46. Thottathil, S., K. Hayakawa, Y. Hodoki, C. Yoshimizu, Y. Kobayashi, S. Nakano (2013) Biogeochemical control on fluorescent dissolved organic matter dynamics in a large freshwater lake (Lake Biwa, Japan). *Limnol. Oceanogr.* 58: 2262-2278
 47. Hodoki, Y., Ohbayashi, K., Kobayashi, Y., Takasu, H., Okuda, N., and Nakano, S. (2013) Anatoxin-a-producing *Raphidiopsis mediterranea* Skuja var. *grandis* Hill is one ecotype of non-heterocytous *Cuspidothrix issatschenkoi* (Usac'ev) Rajaniemi et al. in Japanese lakes. *Harmful Algae* 21-22: 44-53.
 48. Doi, H., K.-H. Chang, Y. Nishibe, H. Imai and S. Nakano (2013) Lack of congruence between species diversity indices and community structures of planktonic groups based on local environmental factors. *PLOS ONE*, DOI: 10.1371/journal.pone.0069594
 49. Ushio, M., Makoto, K., Klaminder, J., Nakano, S. (2013) CARD-FISH analysis of prokaryotic community composition and abundance along small-scale vegetation gradients in a dry arctic tundra ecosystem. *Soil Biology & Biochemistry* 64: 147-154
 50. Chang, K.-H., H. Imai, K. Ayukawa, S. Sugahara, S. Nakano, Y. Seike (2013) Impact of improved bottom hypoxia on zooplankton community in shallow eutrophic lake. *Knowledge and Management of Aquatic Ecosystems* 408, 03, <http://dx.doi.org/10.1051/kmae/2013038>
 51. Takasu, H., T. Kunihiro and S. Nakano (2013) Estimation of carbon biomass and community structure of planktonic bacteria in Lake Biwa using respiratory quinone analysis. *Limnology* 14: 247-256
 52. Ohbayashi K, Hodoki Y, Kobayashi Y, Okuda N, Nakano S. (2013) Genotypic composition and the relationship between genotypic composition and geographical proximity of the cyanobacterium *Microcystis aeruginosa* in western Japan. *Canadian Journal of Microbiology* 59: 266-272
 53. Kataoka, T., T. Homma, S. Nakano, Y. Hodoki, K. Ohbayashi, R. Kondo (2013) PCR primers for selective detection of intra-species variations in the bloomforming cyanobacterium, *Microcystis*. *Harmful Algae* 23: 46-54
 54. Okazaki, M., Hodoki, Y. and Nakano, S. (2013) Seasonal dominance of CL500-11 bacterioplankton (Phylum *Chloroflexi*) in the oxygenated hypolimnion of Lake Biwa, Japan. *FEMS Microbiol Ecol* 83: 82-92

55. Kobayashi, Y., Hodoki, Y., Ohbayashi, K., Okuda, N., Nakano, S. (2013) Grazing impact on the cyanobacterium *Microcystis aeruginosa* by the heterotrophic flagellate *Collodictyon triciliatum* in an experimental pond. *Limnology* 14: 43-49
56. Okamura, T., Mori, Y., Nakano, S., Kondo, R. (2012) Abundance and bacterivory of heterotrophic nanoflagellates in the meromictic Lake Suigetsu, Japan. *Aquat. Microb. Ecol.* 66: 149-158.
57. Hodoki, Y., Ohbayashi, K., Kobayashi, Y., Okuda, N., and Nakano, S. (2012) Detection and identification of potentially toxic cyanobacteria: ubiquitous distribution of *Microcystis aeruginosa* and *Cuspidothrix issatschenkoi* in Japanese lakes. *Harmful Algae* 16: 49-57.
58. Takasu, H., Kunihiro, T., Nakano, S. (2012) Vertical community structure of bacteria and phytoplankton in Lake Biwa using respiratory quinone and pigment analysis. *Interdisciplinary studies on environmental chemistry* 6: 377-385.
59. Hodoki, Y., Ohbayashi, K., Kobayashi, Y., Okuda, N. and Nakano, S. (2011) Temporal variation in cyanobacteria species composition and photosynthetic activity in experimentally induced blooms. *J. Plankton Res.* 33: 1410-1416.
60. Mizuta, S., Imai, H., Chang, K.-H., Doi, H., Nishibe, Y., Nakano, S. (2011) Grazing on *Microcystis* (Cyanophyceae) by testate amoebae with special reference to cyanobacterial abundance and physiological state. *Limnology* 12: 205-211.
61. Chang, K.H., M. Sakamoto, J.Y. Ha, Y. Miyabara, S. Nakano, H. Doi, T. Hanazato (2011) Response of the plankton community to herbicide application (triazine herbicide, simetryn) in a eutrophicated system: short-term exposure experiment using microcosms. *Limnology* 12: 11-16.
62. Doi, H., K. H. Chang, S. Nakano (2011) Nitrogen and carbon isotope fractionations of zooplankton consumers in ponds: potential effects of seston C:N stoichiometry. *Marine and Freshwater Research* 62: 66-71.
63. Doi, H. Kobari, T., Fukumori, K., Nishibe, Y., Nakano, S. (2010) Trophic niche breadth variability differs among three *Neocalanus* species in the subarctic Pacific Ocean. *J. Plankton Res.* 32: 1733-1737.
64. Chang, K.-H., Doi, H., Nishibe, Y., Nakano, S. (2010) Feeding habits of omnivorous *Asplanchna*: comparison of diet composition among *Asplanchna herricki*, *A. priodonta* and *A. girodi* in pond ecosystems. *J. Limnol.* 69: 209-216.
65. Doi, H., Chang, K. H., Nakano, S. (2010) Dispersal, connectivity of systems, and local conditions determine local zooplankton communities in artificially connected ponds. *Aquat. Biol.* 10: 47-55.
66. Ichinotsuka, D., T. Katano, H. Takeoka and S. Nakano (2010) Effects of nutrient supplies on the growth rates of planktonic bacteria in Uchiumi Bay, Japan. *Aquat. Biol.* 9: 123-130.
67. Doi, H., K.-H. Chang, T. Ando, H. Imai and S. Nakano (2010) Shoreline bank construction modify benthic-pelagic coupling of food webs. *Ecological Engineering* 36: 601-604.
68. Chang, K.-H., H. Doi, Y. Nishibe, Y. Obayashi, S. Nakano (2009) Spatial and Temporal Distribution of Zooplankton Communities of Coastal Marine Waters Receiving Different Human Activities (Fish and Pearl Oyster Farmings) *Open Marine Biology Journal* 3: 83-88.
69. 中井大介、大塚泰介、中原紘之、中野伸一 (2009) 人工水路において添加された微細粒子の堆積が付着藻類の群落構造に与える影響、*陸水学雑誌* 69 (3): 209-221
70. Imai, H., K.-H. Chang, M. Kusaba and S. Nakano (2009) Temperature-dependent dominance of *Microcystis* (Cyanophyceae) species: *M. aeruginosa* and *M. wesenbergii*. *J. Plankton Res.* 31: 171-178.
71. Doi, H., K.-H. Chang, T. Ando, H. Imai, I. Ninomiya, and S. Nakano (2009) Resource availability and ecosystem size predict food-chain lengths in pond ecosystems. *Oikos* 118: 138-144.
72. 杉山裕子、Hatcher, P. G., 三田村緒佐武、片野俊也、熊谷哲、中野伸一、Drucker, V. V., Fialkov, V. A., 杉山雅人(2008) 超高分解能 FT-ICRMS を用いたバイカル湖水中未同定溶存有機物の解明、*地球科学* 42: 165-177
73. Katano, T., S. Nakano, H. Ueno, O. Mitamura, K. Anbutsu, M. Kihira, Y. Satoh, T. Satoh, V. Drucker, Y. Tanaka, Y. Akagashi, and M. Sugiyama (2008) Abundance and composition of the summer phytoplankton community along a transect from the Barguzin River to the central basin of Lake Baikal. *Limnology* 9: 243-250.
74. Doi, H., K.-H. Chang, T. Ando, H. Imai, S. Nakano, A. Kajimoto and I. Katano (2008) Drifting plankton from reservoir subsidize downstream food webs and alter community structure. *Oecologia* 156: 363-371.
75. Susuki, T., Y. Sugiyama, C. Wada, T. Kumagai, S. Nagao, T. Katano, S. Nakano, O. Mitamura, Y.

- Matsuura, V. V. Drucker, V. A. Fialkov, M. Sugiyama (2008) Role of allochthonous organic matter in Lake Baikal investigated using a 3-dimensional fluorescence excitation-emission matrix spectroscopy and high performance liquid chromatography-mass spectrometry. Verh. Internat. Verein. Limnol. 30: 469-476.
76. Kihira M., K. Anbutsu, H. Azumi, H. Yoshida, O. Mitamura, S. Nakano, T. Katano, Y. Satoh, V. Drucker and M. Sugiyama (2008) Horizontal distribution and nutritional status of picophytoplankton in Lake Baikal in summer. Verh. Internat. Verein. Limnol. 30: 598-602.
 77. Chang, K.-H., H. Doi, H. Imai, F. Gunji and S. Nakano (2008) Longitudinal distribution of zooplankton in reservoir-outlet river: the fate of lentic zooplankton discharged from reservoir to its outlet river and its interaction with river predators. Limnology 9: 125-134.
 78. Hirose, M., T. Katano, S. Nakano (2008) Growth and grazing mortality rates of *Prochlorococcus*, *Synechococcus* and eukaryotic picophytoplankton in a bay of the Uwa Sea, Japan. J. Plankton Res. 30: 241-250.
 79. Katano, T., S. Nakano, O. Mitamura, H. Yoshida, H. Azumi, Y. Matsuura, Y. Tanaka, H. Maezono, Y. Satoh, T. Satoh, Y. Sugiyama, Y. Watanabe, T. Mimura, Y. Akagashi, H. Machida, V. V. Drucker, T. Tikhonova, O. Belykh, V. A. Fialkov, M.-S. Han, S.-H. Kang and M. Sugiyama (2008) Abundance and pigment type composition of picocyanobacteria in Barguzin Bay, Lake Baikal. Limnology 9: 105-114.
 80. Hashimoto, T., K. Hyodoh, T. Hirose, S. Nishikawa, T. Katano and S. Nakano (2008) Evaluation of three phytoplankton species as food for the pearl oyster *Pinctada fucata*. Aquacul. Internat. 16 (4): 309-318.
 81. Doi H, K.-H. Chang, Y. Obayashi, M. Yoshihara, M. Shime, T. Yamamoto, Y. Nishibe, S. Nakano (2008) Attached microalgae contribute to planktonic food webs in bays with fish and pearl oyster farms. Mar. Ecol. Prog. Ser. 353: 107-113.
 82. Hirose, M., T. Katano, Y. Hayami, A. Kaneda, T. Kohama, H. Takeoka, S. Nakano (2008) Changes in the abundance and composition of picophytoplankton in relation to the occurrence of a Kyuho and a bottom intrusion in the Bungo Channel, Japan. Est. Coast. Shelf Sci. 76: 293-303.
 83. Ohtuska, T., Y. Nakamura, S. Nakano & Y. Miyake (2007) Diatoms in Ishite Stream, near the Komenono Forest Research Center of Ehime University, Japan. Diatom 23: 29-48
 84. Katano, T., A. Kaneda, N. Kanzaki, Y. Obayashi, A. Morimoto, G. Onitsuka, H. Yasuda, S. Mizutani, Y. Kon, K. Hata, H. Takeoka, S. Nakano (2007) Distribution of prokaryotic picophytoplankton from Seto Inland Sea to Kuroshio region with special reference to *Kyusho* enumerated with a dual laser flow cytometer and a spectrofluorometer. Aquat. Microb. Ecol. 46: 191-201
 85. Kim, B.-R., S. Nakano, B.-H. Kim, M.-S. Han (2006) Growth and grazing of the heterotrophic nanoflagellate, *Diphyllia rotans* on the cyanobacterium *Microcystis aeruginosa*. Aquat. Microb. Ecol. 45: 163-170
 86. Satoh, Y., Katano, T., Satoh, T., Mitamura, O., Anbutsu, K., Nakano, S., Ueno, H., Kihira, M., Drucker, V., Tanaka, Y., Mimura, T., Watanabe, Y., and Sugiyama, M. (2006) Nutrient limitation in the primary production of phytoplankton in Lake Baikal. Limnology 7: 225-229.
 87. Doi, H., A. Takagi, C. Mizota, J. Okano, S. Nakano and E. Kikuchi (2006) Contribution of chemoautotrophic production to freshwater macroinvertebrates in a headwater stream. Internat. Rev. Hydrobiol. 91: 501-508
 88. Nakano, S., A. Takeshita, T. Ohtsuka, D. Nakai (2006) Vertical profiles of current velocity and dissolved oxygen saturation in biofilms on artificial and natural substrates. Limnology 7: 213-218
 89. Fukuda, M., J. Matsuyama, T. Katano, S. Nakano, F. Dazzo (2006) Assessing primary and bacterial production rates in biofilms on pebbles in Ishite Stream, Japan. Microb. Ecol. 52: 1-9
 90. Katano, T., S. Nakano (2006) Growth rates of *Synechococcus* types with different phycoerythrin composition estimated by dual-laser flow cytometry in relationship to the light environment in the Uwa Sea. J. Sea Res. 55: 182-190
 91. Ichinotuska, D., H. Ueno, S. Nakano (2006) The relative importance of nanoflagellates and ciliates as consumers of bacteria in a coastal sea area (Japan), where the oligotrichous *Strombidium* spp. and *Strobilidium* spp. dominate. Aquat. Microb. Ecol. 42: 139-147
 92. Katano, T., S. Nakano, H. Ueno, O. Mitamura, K. Anbutsu, M. Kihira, Y. Satoh, V. Drucker, M. Sugiyama (2005) Abundance, growth and grazing loss rates of picophytoplankton in Barguzin Bay, Lake Baikal. Aquat. Ecol. 39: 431-438.
 93. Ueno, H., T. Katano, S. Nakano, O. Mitamura, K. Anbutsu, Y. Satoh, V. Drucker, M. Sugiyama (2005) Abundance and community structure of picoplankton and protists in the microbial food web

- of Barguzin Bay, Lake Baikal. *Aquat. Ecol.* 39: 263-270
94. Katano, T., A. Kaneda, H. Takeoka, S. Nakano (2005) Seasonal changes in abundance and composition of picophytoplankton in relation to occurrence of Kyucho and bottom intrusion in Uchiuni Bay, Japan. *Mar. Ecol. Prog. Ser.* 298: 59-67
 95. Nakano, S., Y. Tomaru, T. Katano, A. Kaneda, W. Makino, Y. Nishibe, M. Hirose, M. Onji, S.-I. Kitamura and H. Takeoka H (2004) The dynamics of microbial and herbivorous food webs in a coastal sea with special reference to intermittent nutrient supply from bottom intrusion. *Aquat. Ecol.* 38: 485-493
 96. Nishibe, Y., P. M. Manage, Z. Kawabata and S. Nakano (2004) Trophic coupling of a testate amoeba and *Microcystis* species in a hypertrophic pond. *Limnology* 5: 71-76
 97. Kitamura, S., S. Kamata, S. Nakano and S. Suzuki (2004) Solar UV radiation does not inactivate marine birnavirus in coastal seawater. *Dis. Aquat. Org.* 58: 251-254
 98. Katano, T., M. Hirose and S. Nakano (2004) Discrimination between two phycoerythrin-pigment types of *Synechococcus* and their seasonal succession in the Uwa Sea. *Microb. Environ.* 19: 7-12
 99. Fukuda, M., A. Ashida, Y. Tomaru and S. Nakano (2004) An improved method for collecting heterotrophic microorganisms inhabiting on pebbles in streams. *Limnology* 5: 41-46
 100. Hashimoto, T. and S. Nakano (2003) Nutrient limitation on abundance and growth of phytoplankton in a Japanese pearl cultivation farm. *Mar. Ecol. Prog. Ser.* 258:43-50
 101. Nakano, S., O. Mitamura, M. Sugiyama, A. Maslennikov, Y. Nishibe, Y. Watanabe, V. Drucker (2003) The vertical planktonic structure in the central basin of Lake Baikal in summer 1999 with special reference to microbial food web. *Limnology* 4: 155-160
 102. Nakano, S., A. Murabe, S. Tsujimura, K. Hayakawa, T. Nakajima, M. Kumagai, C. Jiao, Z. Kawabata (2003) Dominance of *Microcystis* with special reference to carbon availability in lake water. *Microb. Environ.* 18: 38-42
 103. Onji, M., S. Nakano, S. Suzuki (2003) Virus-like particles causing growth-suppression of the red tide forming marine dinoflagellate *Gymnodinium mikimotoi*. *Mar. Biotech.* 5: 435-442
 104. Kitamura, S., S. Kamata, S. Nakano and S. Suzuki (2003) Detection of the marine birnavirus genome from zooplankton collected in a Japanese coastal sea. *Dis. Aquat. Org.* 54: 69-72
 105. Hirose, M., Y. Nishibe, M. Ueki and S. Nakano (2003) Seasonal changes in the abundance of autotrophic picoplankton and some environmental factors in the hypereutrophic Furuike Pond. *Aquat. Ecol.* 37: 37-43
 106. Tomaru, Y., N. Uda, Z. Kawabata and S. Nakano (2002) Seasonal change of seston size distribution and phytoplankton composition in bivalve pearl oyster *Pinctada fucata martensii* culture farm. *Hydrobiologia* 481: 181-185
 107. Nishibe, Y., Z. Kawabata and S. Nakano (2002) Grazing on *Microcystis aeruginosa* by the heterotrophic flagellate *Collodictyon triciliatum* in a hypertrophic pond. *Aquat. Microb. Ecol.* 29: 173-179
 108. Hayakawa, K., S. Tsujimura, G. E. Napolitano, S. Nakano, M. Kumagai, T. Nakajima, C. Jiao (2002) Fatty acid composition as an indicator of physiological condition of the cyanobacterium, *Microcystis aeruginosa*. *Limnology* 3: 29-35
 109. Manage, P. M., Z. Kawabata, S. Nakano and Y. Nishibe (2002) The effect of heterotrophic nanoflagellates on the loss of virus like particles in pond water. *Ecol. Res.* 17: 473-479.
 110. Tomaru, Y., Y. Kumatabara, Z. Kawabata, S. Nakano (2002) Effect of water temperature and chlorophyll abundance on shell growth of the Japanese pearl oyster, *Pinctada fucata martensii*, in suspended culture at different depths and sites. *Aquaculture Res.* 33: 109-116.
 111. Tomaru, Y., S. Ebisuzaki, Z. Kawabata and S. Nakano (2002) Respiration rates of the Japanese pearl oyster, *Pinctada fucata martensii*, feeding on *Pavlova lutheri* and *Chaetoceros gracilis*. *Aquaculture Res.* 33: 33-36.
 112. Nishii K., S. Nakano, M. Tamada, P. M. Manage, Y. Nishibe and Z. Kawabata (2001) Microbial decomposition of dissolved organic matter in a hypertrophic pond. *Limnology* 2:207-212
 113. Nakano S., p. M. Manage, Y. Nishibe and Z. Kawabata (2001) Trophic linkage among heterotrophic nanoflagellates, ciliates and metazoan zooplankton in a hypereutrophic pond. *Aquat. Microb. Ecol.* 25: 259-270
 114. Manage, P. M., Z. Kawabata and S. Nakano (2001) Dynamics of cyanophages and algicidal bacteria causing *Microcystis aeruginosa* mortality. *Limnology* 2: 73-78
 115. Tomaru, Y., Z. Kawabata, S. Nakano (2001) Mass mortality of Japanese pearl oyster, *Pinctada*

- fucata martensii*, in relation to water temperature, chlorophyll *a* and phytoplankton composition. Dis. Aquat. Org. 44: 61-68
116. Nakano, S., K. Hayakawa, J.-J. Frenette, T. Nakajima, C. Jiao, S. Tsujimura and Michio Kumagai (2001) Cyanobacterial blooms in a shallow lake: a large-scale enclosure assay of the importance of diurnal stratification. Arch. Hydrobiol. 150: 491-509.
 117. Kumagai, M., S. Nakano, C. Jiao, K. Hayakawa, S. Tsujimura, T. Nakajima, J.-J. Frenette and A. Quesada (2000) Effect of cyanobacterial blooms on thermal stratification. Limnology 1: 191-195.
 118. Manage, P. M., Z. Kawabata and S. Nakano (2000) Algicidal effect of the bacterium *Alcaligenes denitrificans* on *Microcystis* spp. Aquat. Microb. Ecol. 22: 111-117.
 119. Nakano, S. and Z. Kawabata (2000) Changes in cell volume of bacteria and heterotrophic nanoflagellates in a hypereutrophic pond. Hydrobiologia 428: 197-203.
 120. Tomaru, Y., Z. Kawabata and S. Nakano (2000) Consumption of picoplankton by the bivalve larvae of Japanese pearl oyster *Pinctada fucata martensii*. Mar. Ecol. Prog. Ser. 192: 195-202.
 121. Nakano, S., T. Nakajima, K. Hayakawa, M. Kumagai and C. Jiao (1999) Blooms of The Dinoflagellate *Ceratium hirundinella* in Large Enclosures Placed in Lake Biwa. Jpn. J. Limnol. 60: 495-505.
 122. Ishikawa, K., M. Kumagai, S. Nakano and H. Nakahara (1999) The influence of wind on the horizontal distribution of bloom-forming cyanobacteria in Akanoi Bay, Lake Biwa. Jpn. J. Limnol. 60: 531-538.
 123. Manage, P. M., Z. Kawabata and S. Nakano (1999) Seasonal changes in densities of cyanophage infectious to *Microcystis aeruginosa* in a hypereutrophic pond. Hydrobiologia 411: 211-216.
 124. Tomaru, Y., Z. Kawabata, K. Nakagawa and S. Nakano (1999) The vertical distribution of the pearl oyster *Pinctada fucata martensii* spat in Uchiuni Bay. Fish. Sci. 65: 358-361.
 125. Ishii, N., Z. Kawabata, S. Nakano and P. M. Manage (1998) Microbial interactions responsible for dissolved DNA production in a hypereutrophic pond. Hydrobiologia 380: 67-76
 126. Nakano, S., N. Ishii, P. M. Manage and Z. Kawabata (1998) Trophic roles of heterotrophic nanoflagellates and ciliates among planktonic organisms in a hypereutrophic pond. Aquat. Microb. Ecol. 16: 153-161
 127. Nakano, S., T. Koitabashi and T. Ueda (1998) Seasonal changes in abundance of heterotrophic nanoflagellates and their consumption of bacteria in Lake Biwa with special reference to trophic interactions with *Daphnia galeata*. Arch. Hydrobiol. 142:21-34
 128. Nakano, S., M. Nakanishi, M. Kumagai, T. Sekino, K. Okubo, K. Yokoyama, R. Tsuda, K. Kawabata, M. Takahashi and R. L. Oliver. (1997) Does advection influence plankton life in Lake Biwa? Nakanishi's paradox. Verh. Internat. Verein. Limnol. 26:558-561.
 129. Nakano, S. (1996) Bacterial response to extracellular dissolved organic carbon released from healthy and senescent *Fragilaria crotonensis* (Bacillariophyceae) in experimental systems. Hydrobiologia 339: 47-55.
 130. Nakano, S., Y. Seike, T. Sekino, M. Okumura, K. Kawabata, K. Fujinaga, M. Nakanishi, O. Mitamura, M. Kumagai and H. Hashitani (1996) A rapid growth of *Aulacoseira granulata* (Bacillariophyceae) during the typhoon season in the south basin of Lake Biwa. In BITEC special issue, R. D. Robarts & M. Kumagai (eds.), Jpn. J. Limnol. 57: 493-500.
 131. Seike, Y., S. Nakano, M. Okumura, A. Hirayama, O. Mitamura, K. Fujinaga, M. Nakanishi, H. Hashitani and M. Kumagai (1996): Temporal variations in the nutritional state of phytoplankton communities in Lake Biwa due to typhoons. In BITEC special issue, R. D. Robarts & M. Kumagai (eds.), Jpn. J. Limnol. 57:485-492.
 132. Nakano, S., K. Tanaka, T. Sono, T. Wakabayashi, S. Ichise, S. Yamanaka, E. Kaneda, M. Yada, M. Naitoh, K. Kawabe, K. Maehata, N. Fujiwara, N. Maeda, K. Nomura and M. Nakanishi (1996) Seasonal changes in horizontal distribution of algal picoplankton in Lake Biwa with special reference to water temperature, nutrient levels and heterotrophic flagellates. Jpn. J. Limnol. 57:49-55.
 133. Miyajima, T., S. Nakano and M. Nakanishi. (1995) Planktonic diatoms in pelagic silicate cycle in Lake Biwa. Jpn. J. Limnol. 56:211-220.
 134. Nakano, S. (1994) Estimation of phosphorus release rate by bacterivorous flagellates in Lake Biwa. Jpn. J. Limnol. 55:201-211.
 135. Nakano, S. (1994) Rates and ratios of nitrogen and phosphorus by a bacterivorous flagellate. Jpn. J. Limnol. 55:115-223.
 136. Nakano, S. (1994) Carbon:nitrogen:phosphorus ratios and nutrient regeneration of a heterotrophic

- flagellate fed on bacteria with different elemental ratios. Arch. Hydrobiol. 129:257-271.
137. Miyajima, T., M. Nakanishi, S. Nakano and Y. Tezuka (1994) An autumnal bloom of a diatom *Melosira granulata* in a shallow eutrophic lake: physical and chemical constraints on its population dynamics. Arch. Hydrobiol. 130:143-162.
 138. Tezuka, Y. and S. Nakano. (1993) Induction of *Anabaena* bloom by nutrient enrichment to the lake water collected from the south basin of Lake Biwa. Jpn. J. Limnol. 54: 85 - 90.
 139. Nakano, S. (1992) Changes in bacterioplankton production and dominant algal species in the north basin of Lake Biwa. Jpn. J. Limnol. 53: 145-149.
 140. Nakanishi, M., Y. Tezuka, T. Narita, O. Mitamura, K. Kawabata and S. Nakano (1992) Phytoplankton primary production and its fate in a pelagic area of Lake Biwa. Arch. Hydrobiol. Beih. Ergebn. Limnol. 35: 47-67.
 141. Nakano, S. and M. Seto (1990) Some ecological factors in the degradation of 2,4-dichlorophenol in waters from aquatic environments. Jpn. J. Limnol. 51:155-161.

(b) Reviews

1. 中野伸一 (2015) 湖沼・海洋沖帯の微生物ループにおける原生生物の生態学的役割、原生動物学雑誌、48: 21-30
2. 中野伸一 (2003) 湖沼・海洋の微生物食物網における摂食者・被食者としての鞭毛虫、月間海洋、海洋微生物Ⅱ：基礎、応用研究とその利用、号外 35: 83-93
3. 中野伸一、外丸裕司、川端善一郎、鈴木聡 (2001) 宇和海のアコヤガイ漁場における微生物生態：餌微生物と病原微生物、地球環境、6: 39-45.
4. 中野伸一 (2000) 湖沼有機物動態における微生物ループでの原生動物の役割、日本生態学会誌, 50: 41-54. : 審査付き

(c) Books and book Chapters

1. 近藤竜二・中野伸一 (2023) : 湖沼の原生生物 (3-37)、「原生生物学事典」、矢崎裕規ほか編、朝倉書店、ISBN978-4-254-17181-5
2. Nakano, S., T. Yahara and T. Nakashizuka (Eds) (2016) The Biodiversity Observation Network in Asia-Pacific Region: Aquatic Biodiversity Conservation and Ecosystem Service. Springer, Tokyo
3. 中野伸一 (2014) 微生物の多様性と沿岸生態系の生物生産に果たす役割、沿岸海洋研究会 50周年記念・詳論・沿岸海洋学、日本海洋学会・沿岸海洋研究会編、218-228、恒星社厚生閣
4. Nakano, S., T. Yahara and T. Nakashizuka (Eds) (2014) The Biodiversity Observation Network in Asia-Pacific Region: Integrative Observations and Assessments. Springer, Tokyo
5. Okuda, N., Watanabe, K., Fukumori, K., Nakano, S., Nakazawa, T. (2014) Biodiversity and evolutionary research: from genome to ecosystem: Lake Biwa. Springer, Tokyo, DOI: 10.1007/978-4-431-54150-9_3
6. Nakano S (2014) Biodiversity researches on microbial loop in freshwater and marine systems. K. Okuda, N., Watanabe, K., Fukumori, K., Nakano, S., Nakazawa, T. (ed), Biodiversity and evolutionary research: from genome to ecosystem. 51-67, Springer, Tokyo, DOI: 10.1007/978-4-431-54150-9_3
7. Nakano, S., T. Yahara and T. Nakashizuka (Eds) (2012) The Biodiversity Observation Network in Asia-Pacific Region: Toward Further Development of Monitoring. Springer, Tokyo
8. 中野伸一 (2012) より多様化する微生物食物網の研究. シリーズ現代の生態学、9 巻、淡水生態学のフロンティア、日本生態学会編、吉田丈人・鏡味麻衣子・加藤元海編集、共立出版、142-152.
9. Nakano S (2010) The importance of developing Indonesian freshwater biodiversity observation network (BON) as satellite of Asia Pacific BON. Proceeding International Conference on Indonesian inland waters II, Wiadnyana N. N., Phil H. M., Haffner G. D., Nakano S. (Eds), ISBN: 978 602 95862 2 0, 9-14.
10. 中野伸一 (分担) (印刷中) 生物学大事典、編集代表 石川統、東京化学同人、執筆終了
11. Chang, K.-H., Doi, H., Nishibe, Y., Obayashi, Y., Yamamoto, T., Yoshihara, M., Shime, M., and Nakano, S. (2007) Spatial and temporal distribution of zooplankton communities of coastal marine

- waters receiving different human activities (fish and pearl oyster farmings). In Chemical pollution and environmental changes, Tanabe S., Takeoka, H., Isobe, T., and Nishibe, Y. (eds.), 405-408, Universal Academy Press, Tokyo
12. Nakano, S., Hwang, S.-J., Tanida, K. and Hirotsu, H. (eds) (2006) Proceedings of the Second Japan-Korea Joint Symposium on Limnology.
 13. 中野伸一（分担）(2006) 炭素の循環、微生物って何？、p. 57-65、日科技連出版社、日本微生物生態学会教育研究部会編著
 14. 中野伸一（分担）(2006) 細菌の被食過程、海洋生命系のダイナミクスシリーズ、p. 127-144、東海大学出版会
 15. 中野伸一（分担）(2006) 陸水の事典、日本陸水学会編、講談社、項目多数
 16. Joo, G.-J. and Nakano, S. (2005) Special Issue for the 1st Korea-Japan Joint Limnology Symposium, 2nd volume, pp.83.
 17. 中野伸一（分担）(2004) 細菌に対する摂食速度の測定、微生物生態学入門—地球環境を支えるミクロの生物圏、p 78—83、日科技連出版社、日本微生物生態学会教育研究部会編著
 18. Joo, G.-J. and Nakano, S. (2004) Special Issue for the 1st Korea-Japan Joint Limnology Symposium, 1st volume, pp. 83.
 19. 中野伸一（分担）(2003) 原生動物、とくに鞭毛虫と繊毛虫について、地球環境調査計測事典—陸域編—、p194-198、株式会社フジ・テクノシステム（東京）
 20. 中野伸一（分担）(2003) プランクトン、琵琶湖流域を読む—多様な河川世界へのガイドブック、下、琵琶湖流域研究会編、p 253-255、サンライズ出版
 21. Kumagai, M., J. Asada and S. Nakano (1998) Gyres Measured by ADCP in Lake Biwa. In Physical Processes in Lakes and Oceans, Coastal and Estuarine Studies 54, J. Imberger (ed.), pp. 668, p 199-208, The American Geophysical Union (Washington, DC)
 22. Kawabata, Z., M.-G. Min, N. Ishii, R. Takata, K. Furukawa, A. Ohshima, M. Ueki, M. P. Manage and S. Nakano (1998) Evaluation of the effects of biological perturbations on an ecosystem using aquatic microcosms. In Comparative Evaluation of Environmental Toxicants, Inaba, J. and Nakamura, Y. (eds.), pp. 311, p. 109-114, National Institute of Radiological Sciences
 23. Kumagai, M. and S. Nakano (eds.) (1996) BITEC baseline data overviews, Lake Biwa Study Monographs, Special Issue, pp. 151, Lake Biwa Research Institute

(d) Others

1. Shin-ichi Nakano, Kazuhide Hayakawa, Yoshikuni Hodoki, Yusuke Okazaki, Indranil Mukherjee, Shoji D. Thottathil, Hiroyuki Takasu, Shohei Fujinaga (2017) Long-term changes in water quality in Lake Biwa with special reference to organic matter dynamics, microbial ecology and diversity. The Proceedings of the 2nd International Conference on Life Sciences and Biotechnology, pp. 18-21. 査読無
2. Enoki, T., Nakashizuka, T., Nakano, S., Miki, T., Lin, Y.-P., Nakaoka, M., Mizumachi, E. and Shibata, H. (2014) Progress in the 21st century: a roadmap for the Ecological Society of Japan. Ecol. Res. 29: 357-368. 審査付
3. Nakano, S., M. Yamamuro, J. Urabe (2010) History of Japanese Limnology. The Limnology and Oceanography Bulletin. 19: 78-82.
4. 中野伸一、一瀬諭 (2010)：うつりゆく巨大生態系、琵琶湖—植物プランクトンの多様性と長期変化、ミルシル、No. 5, 15-17. (独立行政法人 国立科学博物館発行)
5. Imai, H., K.-H. Chang and S. Nakano (2009) Growth Responses of Harmful Algal Species Microcystis (Cyanophyceae) under Various Environmental Conditions. Interdisciplinary Studies on Environmental Chemistry — Environmental Research in Asia, Eds., Y. Obayashi, T. Isobe, A. Subramanian, S. Suzuki and S. Tanabe, pp. 269–275. 審査付き
6. 中野伸一 (2008) 微生物世界への旅(17): 微生物の世界も弱肉強食 現代化学 450 (9): 66-67
7. Ando, T., H. Imai, S. Mizuta, H. Doi, Y. Miyake, S. Nakano (2006) Food selectivity on microalgae by filtering aquatic insects in a reservoir-stream system. Proceedings of 2nd Japan-Korea Joint Symposium on Limnology, 37-43 : 審査付き
8. Imai, H., T. Ando, S. Mizuta, K. Takayama, T. Katano, S. Nakano (2006) Changes in abundance, composition and physiological activity of microalgae in a stream-reservoir system. Proceedings of 2nd Japan-Korea Joint Symposium on Limnology, 57-62 : 審査付き

9. 速水祐一、兼田淳史、小濱剛、中野伸一、武岡英隆 (2006) : 豊後水道における外洋起源栄養塩の供給機構とその生態系への影響、沿岸海洋研究、43(2) : 143-149 : 審査付き
10. 中野伸一、野崎健太郎、速水祐一、中山耕至、上田宏、程木義邦、Bomchul Kim (2004) : 第3回世界水フォーラム日本陸水学会企画セッションの報告、陸水学雑誌、65: 37-44
11. Nakano, S., D. Ichinotsuka & H. Ueno (2001) Cross check of instruments for *in situ* measurement of chlorophyll concentration using a eutrophic water dominated by *Microcystis*. Workshop on Water Quality Monitoring for Lakes and Reservoirs in Developing Countries, The 9th World Lake Conference, Workshop abstract, 63-67.
12. Nakano, S. (2004) Recent trends in organic matter studies in freshwater environments. Jpn. J. Limnol. 60: 107-118
13. 中野伸一 (1998) アオコの捕食生物、日本水産学会シンポジウム「アオコの特性とその発生機構」、日本水産学会誌、64 (2): 303-304 : 審査付き
14. 中野伸一、中島拓男、熊谷道夫、焦春萌、早川和秀、J.-J Frenette、辻村茂男 (1997) アオコ発生機構解明に関連した隔離水塊実験、琵琶湖研究所所報、16 号、12-18.
15. 熊谷道夫、高橋幹夫、石川加奈子、中原紘之、中野伸一、焦春萌、東善広、中島拓男 (1997) 気象変動に対する南湖水質形成特性に関する研究、琵琶湖研究所所報、14 号、20-23.
16. Nakano, S., T. Sekino, K. Kawabata, O. Mitamura and M. Nakanishi (1996) Spatial and Temporal Changes in Abundance of Phytoplankton. In BITEX baseline data overviews, Lake Biwa Study Monographs, Special Issue, 133-146. : 審査付き
17. Nakano, S. (1995) The role of bacterivorous flagellates in the phosphorus cycling in Lake Biwa, Japan. In Proceedings of the 7th International Symposium on River and Lake Environments, 1994, Matsumoto. Okino, T. & Kato, K. (eds.), 9:53-60. : 審査付き
18. Nakano, S., T. Miyajima, M. Nakanishi and Y. Tezuka (1993) Abundance of algal picoplankton and heterotrophic flagellates in the south basin of Lake Biwa, with special attention to nutrient levels. Ann. Rept. Interdiscipl. Res. Inst. Environ. Sci. 12:55-63. : 審査付き
19. Nakanishi, M., T. Miyajima, S. Nakano and Y. Tezuka . (1992) Studies on the occurrence of *Anabaena* and *Microcystis* blooms in Akanoi Bay of the south basin of Lake Biwa, with special attention to nutrient levels. Ann. Rept. Interdiscipl. Res. Inst. Environ. Sci. 11: 67-75. : 審査付き
20. 平山彰彦、中西正己、宮島利宏、中野伸一、熊谷道夫 (1992) 短期的水質モデルパラメータのキャリブレーション 海岸工学論文集 39 : 976-980 : 審査付き
21. 瀬戸昌之、中野伸一、牧野純一 (1990) 多摩川における塩素化フェノールの分解菌密度の分布と季節変化、および添加した塩素化フェノールの分解様式の考察 人間と環境 15 : 16-22 : 審査付き
22. 瀬戸昌之、中野伸一、エルニ マルタニ、牧野純一 (1989) いくつかの環境試水における低濃度の 2,4-dichlorophenol の分解菌密度とその分解の微生物学的考察 生態化学 9 : 8-15
23. 瀬戸昌之、池島耕、中野伸一 (1989) 多摩川の試水における塩素化フェノールの分解菌密度と塩素化フェノールの分解に関する二、三の考察 人間と環境 14 : 12-19 : 審査付き