# Hirotsugu Fujitani

List of Publications by Year
in descending order



| 21 | 629 | 687363 13 | 713466 21 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 22 | 22 | 22 | 599 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Microdroplet-based system for culturing of environmental microorganisms using FNAP-sort. Scientific Reports, 2021, 11, 9506. | 3.3 | 12 |
| 2 | Enrichment of Comammox and Nitrite-Oxidizing Nitrospira From Acidic Soils. Frontiers in Microbiology, 2020, 11, 1737. | 3.5 | 38 |
| 3 | Genomic and Physiological Characteristics of a Novel Nitrite-Oxidizing Nitrospira Strain Isolated From a Drinking Water Treatment Plant. Frontiers in Microbiology, 2020, 11, 545190. | 3.5 | 12 |
| 4 | MazF Endoribonucleolytic Toxin Conserved in Nitrospira Specifically Cleaves the AACU, AACG, and AAUU Motifs. Toxins, 2020, 12, 287. | 3.4 | 5 |
| 5 | Transcriptome Analysis of the Ammonia-Oxidizing Bacterium <i>Nitrosomonas mobilis</i> Ms1 Reveals Division of Labor between Aggregates and Free-living Cells. Microbes and Environments, 2020, 35, n/a. | 1.6 | 5 |
| 6 | Successful enrichment of low-abundant comammox Nitrospira from nitrifying granules under ammonia-limited conditions. FEMS Microbiology Letters, 2020, 367, . | 1.8 | 19 |
| 7 | Physiological and genomic characterization of a new â€˜Candidatus Nitrotogaâ€™ isolate. Environmental Microbiology, 2020, 22, 2365-2382. | 3.8 | 26 |
| 8 | Nitrogen and Oxygen Isotope Signatures of Nitrogen Compounds during Anammox in the Laboratory and a Wastewater Treatment Plant. Microbes and Environments, 2020, 35, n/a. | 1.6 | 7 |
| 9 | Draft Genome Sequence of Acidovorax sp. Strain NB1, Isolated from a Nitrite-Oxidizing Enrichment Culture. Microbiology Resource Announcements, 2019, 8, . | 0.6 | 6 |
| 10 | Seabird-affected taluses are denitrification hotspots and potential N2O emitters in the High Arctic. Scientific Reports, 2018, 8, 17261. | 3.3 | 8 |
| 11 | Nitrite oxidation kinetics of two Nitrospira strains: The quest for competition and ecological niche differentiation. Journal of Bioscience and Bioengineering, 2017, 123, 581-589. | 2.2 | 99 |
| 12 | Enrichment and Physiological Characterization of a Cold-Adapted Nitrite-Oxidizing Nitrotoga sp. from an Eelgrass Sediment. Applied and Environmental Microbiology, 2017, 83, . | 3.1 | 40 |
| 13 | Detection and Diversity of the Nitrite Oxidoreductase Alpha Subunit (nxrA) Gene of Nitrospina in Marine Sediments. Microbial Ecology, 2017, 73, 111-122. | 2.8 | 27 |
| 14 | A rapid collection of yet unknown ammonia oxidizers in pure culture from activated sludge. Water Research, 2017, 108, 169-178. | 11.3 | 24 |
| 15 | Genomic Analysis of Two Phylogenetically Distinct Nitrospira Species Reveals Their Genomic Plasticity and Functional Diversity. Frontiers in Microbiology, 2017, 8, 2637. | 3.5 | 40 |
| 16 | Ecophysiology and Comparative Genomics of Nitrosomonas mobilis Ms1 Isolated from Autotrophic Nitrifying Granules of Wastewater Treatment Bioreactor. Frontiers in Microbiology, 2016, 7, 1869. | 3.5 | 26 |
| 17 | Physical enrichment of uncultured Accumulibacter and Nitrospira from activated sludge by unlabeled cell sorting technique. Journal of Bioscience and Bioengineering, 2016, 122, 475-481. | 2.2 | 14 |
| 18 | Selective isolation of ammonia-oxidizing bacteria from autotrophic nitrifying granules by applying cell-sorting and sub-culturing of microcolonies. Frontiers in Microbiology, 2015, 6, 1159. | 3.5 | 46 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Isolation of sublineage <scp>I</scp>â€…<scp>N</scp>itrospira by a novel cultivation strategy. Environmental Microbiology, 2014, 16, 3030-3040. | 3.8 | 59 |
| 20 | Selective Enrichment of Two Different Types of <i>Nitrospira</i>-like Nitrite-oxidizing Bacteria from a Wastewater Treatment Plant. Microbes and Environments, 2013, 28, 236-243. | 1.6 | 34 |
| 21 | Isolation of <i>Nitrospira</i> belonging to Sublineage II from a Wastewater Treatment Plant. Microbes and Environments, 2013, 28, 346-353. | 1.6 | 81 |