# Tsukasa Ito

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3983207/publications.pdf

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|---|---|---|---|
| 38 papers | 3,028 citations | 257450 24 h-index | 361022 35 g-index |

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|---|---|---|---|
| 39 all docs | 39 docs citations | 39 times ranked | 3500 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Recent Progress in Cutting-edge Monitoring Tools for Microbiomes in Engineered Systems. Journal of Japan Society on Water Environment, 2022, 45, 91-105. | 0.4 | 0 |
| 2 | A Minority Population of Non-dye-decolorizing <i>Bacillus subtilis</i> enhances the Azo Dye-decolorizing Activity of <i>Enterococcus faecalis</i>. Microbes and Environments, 2022, 37, n/a. | 1.6 | 0 |
| 3 | Microbial Communities and Nitrogen-Utilizing Bacteria of Rotating Biological Contactors and Activated Sludge Treating Public Sewage and Night Soil/Johkasou Sludge. Journal of Water and Environment Technology, 2021, 19, 109-119. | 0.7 | 2 |
| 4 | The diversity of active microbial groups in an activated sludge process treating painting process wastewater. E3S Web of Conferences, 2020, 148, 01002. | 0.5 | 1 |
| 5 | Microbubble Application to Enhance Hydrogenotrophic Denitrification for Groundwater Treatment. Environment and Natural Resources Journal, 2020, 18, 156-165. | 0.7 | 13 |
| 6 | Diversity and abundance of denitrifying bacteria in a simultaneously nitrifying and denitrifying rotating biological contactor treating real wastewater at low temperatures. H2Open Journal, 2019, 2, 58-70. | 1.7 | 13 |
| 7 | Potential use of bacteria collected from human hands for textile dye decolorization. Water Resources and Industry, 2018, 20, 46-53. | 3.9 | 24 |
| 8 | Growth reduction of Microcystis aeruginosa by clay ball elution solution. Applied Clay Science, 2018, 162, 223-229. | 5.2 | 3 |
| 9 | Microbial Community Structure and Enumeration of <i>Bacillus</i> species in Activated Sludge. Journal of Water and Environment Technology, 2017, 15, 233-240. | 0.7 | 18 |
| 10 | Longâ€“term natural remediation process in textile dyeâ€“polluted river sediment driven by bacterial community changes. Water Research, 2016, 100, 458-465. | 11.3 | 141 |
| 11 | Suppression of cadmium uptake in rice using fermented bark as a soil amendment. Chemosphere, 2016, 148, 487-494. | 8.2 | 39 |
| 12 | Photodecomposition of humic acid and natural organic matter in swamp water using a TiO2-coated ceramic foam filter: Potential for the formation of disinfection byproducts. Chemosphere, 2013, 90, 1359-1365. | 8.2 | 19 |
| 13 | Development and characterization of the partial nitrification aerobic granules in a sequencing batch airlift reactor. Bioresource Technology, 2013, 139, 285-291. | 9.6 | 39 |
| 14 | Color-Removal by Microorganisms Isolated from Human Hands. Journal of Microbiology and Biology Education, 2013, 14, 244-247. | 1.0 | 4 |
| 15 | Characterization of microbial community structures and their activities in single anaerobic granules by beta imaging, microsensors and fluorescence in situ hybridization. Water Science and Technology, 2012, 65, 2125-2131. | 2.5 | 7 |
| 16 | Identification and quantification of key microbial trophic groups of methanogenic glucose degradation in an anaerobic digester sludge. Bioresource Technology, 2012, 123, 599-607. | 9.6 | 69 |
| 17 | Identification of a novel acetate-utilizing bacterium belonging to <i>Synergistes</i> group 4 in anaerobic digester sludge. ISME Journal, 2011, 5, 1844-1856. | 9.8 | 121 |
| 18 | Ecophysiology of Uncultured Filamentous Anaerobes Belonging to the Phylum KSB3 That Cause Bulking in Methanogenic Granular Sludge. Applied and Environmental Microbiology, 2011, 77, 2081-2087. | 3.1 | 18 |

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|---|---|---|---|
| 19 | Microbial community structures and in situ sulfate-reducing and sulfur-oxidizing activities in biofilms developed on mortar specimens in a corroded sewer system. Water Research, 2009, 43, 4729-4739. | 11.3 | 124 |
| 20 | Succession of Sulfur-Oxidizing Bacteria in the Microbial Community on Corroding Concrete in Sewer Systems. Applied and Environmental Microbiology, 2007, 73, 971-980. | 3.1 | 277 |
| 21 | Bacterial community structures in MBRs treating municipal wastewater: Relationship between community stability and reactor performance. Water Research, 2007, 41, 627-637. | 11.3 | 208 |
| 22 | Functional bacterial and archaeal community structures of major trophic groups in a full-scale anaerobic sludge digester. Water Research, 2007, 41, 1554-1568. | 11.3 | 450 |
| 23 | Quantification of host-specific Bacteroidesâ€“Prevotella 16S rRNA genetic markers for assessment of fecal pollution in freshwater. Applied Microbiology and Biotechnology, 2007, 74, 890-901. | 3.6 | 173 |
| 24 | Phylogenetic and functional diversity of propionate-oxidizing bacteria in an anaerobic digester sludge. Applied Microbiology and Biotechnology, 2007, 75, 673-683. | 3.6 | 79 |
| 25 | Community structures and activities of nitrifying and denitrifying bacteria in industrial wastewater-treating biofilms. Biotechnology and Bioengineering, 2006, 94, 762-772. | 3.3 | 49 |
| 26 | Population dynamics and in situ kinetics of nitrifying bacteria in autotrophic nitrifying biofilms as determined by real-time quantitative PCR. Biotechnology and Bioengineering, 2006, 94, 1111-1121. | 3.3 | 76 |
| 27 | Application of a direct fluorescence-based live/dead staining combined with fluorescence in situ hybridization for assessment of survival rate ofBacteroides spp. in drinking water. Biotechnology and Bioengineering, 2005, 92, 356-363. | 3.3 | 42 |
| 28 | Fate of 14 C-Labeled Microbial Products Derived from Nitrifying Bacteria in Autotrophic Nitrifying Biofilms. Applied and Environmental Microbiology, 2005, 71, 3987-3994. | 3.1 | 155 |
| 29 | Succession of Internal Sulfur Cycles and Sulfur-Oxidizing Bacterial Communities in Microaerophilic Wastewater Biofilms. Applied and Environmental Microbiology, 2005, 71, 2520-2529. | 3.1 | 71 |
| 30 | Thiovirga sulfuroxydans gen. nov., sp. nov., a chemolithoautotrophic sulfur-oxidizing bacterium isolated from a microaerobic waste-water biofilm. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 1059-1064. | 1.7 | 62 |
| 31 | ANALYSIS OF MICROBIAL COMMUNITY STRUCTURE AND IN SITU ACTIVITY OF NITRIFYING BIOFILMS. Journal of Water and Environment Technology, 2004, 2, 65-74. | 0.7 | 2 |
| 32 | Analysis of size distribution and areal cell density of ammonia-oxidizing bacterial microcolonies in relation to substrate microprofiles in biofilms. Biotechnology and Bioengineering, 2004, 85, 86-95. | 3.3 | 62 |
| 33 | Isolation, Characterization, and In Situ Detection of a Novel Chemolithoautotrophic Sulfur-Oxidizing Bacterium in Wastewater Biofilms Growing under Microaerophilic Conditions. Applied and Environmental Microbiology, 2004, 70, 3122-3129. | 3.1 | 32 |
| 34 | Ecophysiological Interaction between Nitrifying Bacteria and Heterotrophic Bacteria in Autotrophic Nitrifying Biofilms as Determined by Microautoradiography-Fluorescence In Situ Hybridization. Applied and Environmental Microbiology, 2004, 70, 1641-1650. | 3.1 | 323 |
| 35 | MAR-FISH-An Ecophysiological Approach to Link Phylogenetic Affiliation and In Situ Metabolic Activity of Microorganisms at a Single-Cell Resolution. Microbes and Environments, 2004, 19, 83-98. | 1.6 | 52 |
| 36 | Sulfate-reducing bacterial community structure and their contribution to carbon mineralization in a wastewater biofilm growing under microaerophilic conditions. Applied Microbiology and Biotechnology, 2003, 63, 322-334. | 3.6 | 50 |

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|---|---|---|---|
| 37 | Successional Development of Sulfate-Reducing Bacterial Populations and Their Activities in a Wastewater Biofilm Growing under Microaerophilic Conditions. Applied and Environmental Microbiology, 2002, 68, 1392-1402. | 3.1 | 98 |
| 38 | Phylogenetic Identification and Substrate Uptake Patterns of Sulfate-Reducing Bacteria Inhabiting an Oxic-Anoxic Sewer Biofilm Determined by Combining Microautoradiography and Fluorescent In Situ Hybridization. Applied and Environmental Microbiology, 2002, 68, 356-364. | 3.1 | 112 |