

荒川和晴 業績目録

Research Contributions

Research Publications

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Research Paper

- Kato S, Yuzawa S, Takeda T, Arakawa K, “ Complete genome sequence of *Kitasatospora aureofaciens* Tü117 ”, Microbiology Resource Announcements, 2024, 13:e01014-23. ([Publisher](#))
- Michalczyk Ł, Gross V, Arakawa K, “ Progress in research on water bears presented at the 15th International Symposium on Tardigrada (Kraków, 22nd–26th of August 2022) ”, Zoological Journal of the Linnean Society, 2024, 200(1):1–11.
- Fleming J, Pisani D, Arakawa K, “ The evolution of temperature and desiccation-related protein families in Tardigrada reveals the complex acquisition of extremotolerance ”, Genome Biology and Evolution, 2023:e0217. ([PubMed](#))
- Naruki M, Watanabe A, Warashina T, Morita T, Arakawa K*, “ Complete genome sequence of *Limnobacter thiooxidans* CS-K2T, isolated from freshwater lake sediments in Bavaria, Germany ”, Microbiology Resource Announcements, 2023,13:e00992-23. ([Publisher](#))
- Oshibuchi K, Yang J, Obana N, Fukuda Shinji, Arakawa K*, “ Complete genome sequence of *Solobacterium moorei* JCM 10645T isolated from a human stool sample ”, Microbiology Resource Announcements, 2023,13:e00965-23. ([Publisher](#))
- Kawashima T, Watanabe Y, Arakawa K, “ Complete genome sequence of *Actinoplanes sichuanensis* strain 03-723T ”, Microbiology Resource Announcements, 2023, 14:e00662-23. ([Publisher](#))
- Tanaka S, Arakawa K*, “ Reply to Tanaka and Kunieda: Control protein GFP also shows a mesh-like structure in desiccating tardigrade cells ”, PNAS, 2023, 120(48):e2316451120. ([PubMed](#))
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Ampullate Silk Makes Its Properties Different from Those of Major Ampullate Silk ” ,
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- Watanabe Y, Arakawa K*, “ Molecular mechanisms of the high performance of spider silks revealed through multi-omics analysis ” , Biophysics and Physicobiology, 2023, e200014. ([Publisher](#))
- Arakawa K*, “ A Nanopore Sequencing Course for Graduate School Curriculum ” , Methods Mol. Biol, 2023, 2632:113-127. ([PubMed](#))
- Takasuka K, Arakawa K, “ The Method of Eliminating the Wolbachia Endosymbiont Genomes from Insect Samples Prior to a Long-Read Sequencing ” , Methods Mol. Biol, 2023, 2632:101-112. ([PubMed](#))
- Arakawa K*, “ Ultralow-Input Genome Library Preparation for Nanopore Sequencing with Droplet MDA ” , Methods Mol. Biol, 2023, 2632:91-100. ([PubMed](#))
- Tanaka S, Aoki K, Arakawa K*, “ In vivo expression vector derived from anhydrobiotic tardigrade genome enables live imaging in Eutardigrada ” , PNAS, 2023, 120 (5): e2216739120. ([PubMed](#))
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- Academic Year 2019-2024 生命創生探求センター ExCELLS 課題研究 (一般) Cooperative Study Program of Exploratory Research Center on Life and Living Systems(ExCELLS) No. 19-501
- Academic Year 2018-2019 生命創生探求センター ExCELLS 課題研究 (シーズ発掘)
- Academic Year 2017-2020 KAKENHI Grant-in-Aid for Scientific Research (B), No. 17H03620, from the Japan Society for the Promotion of Science (JSPS).
- Academic Year 2016-2019 New Energy and Industrial Technology Development Organization (NEDO)
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Awards

- 2023.03 SFC Faculty Award to recognize particularly outstanding achievements

- 2022.06 DGD Awards Editor-in-Chief Prize (Most cited)
- 2020.06 DGD Awards Wiley Prize (Most downloaded)
- 2019.02 山形県科学技術奨励賞
- 2016.10 Oxford Journals JSBi Prize.
- 2016.03 Open Science Award 2015 by DBCLS: 2nd place in software division (for Crick-chan).
- 2010.12 Mashup Award 6th: Team Lab Shanghai Award (for G-language Bookmarklet).
- 2008.10 Mashup Award 4th: Google Award (for GenomeProjector).
- 2003.09 Chem-Bio Informatics Society Best Poster Award.
- 2003.03 Keio University President Award (慶應義塾塾長賞).
- 2002.08 ISMB Best Poster Award by SGI.
- 2002.04 SFC Student Award "G-language Genome Analysis Environment".
- 2002.03 SFC Student Award "Bioinformatics Project".