

Daisuke Honda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4041037/publications.pdf>

Version: 2024-02-01

56
papers

2,833
citations

186209

28
h-index

175177

52
g-index

59
all docs

59
docs citations

59
times ranked

2159
citing authors

#	ARTICLE	IF	CITATIONS
1	Draft Genome Sequence of Sicyoidochytrium minutum DNA Virus Strain 001. Microbiology Resource Announcements, 2021, 10, e0041821.	0.3	1
2	PUFA synthase-independent DHA synthesis pathway in Parietichytrium sp. and its modification to produce EPA and n-3DPA. Communications Biology, 2021, 4, 1378.	2.0	12
3	Nutritional intake of Aplanochytrium (Labyrinthulea, Stramenopiles) from living diatoms revealed by culture experiments suggesting the new prey-predator interactions in the grazing food web of the marine ecosystem. PLoS ONE, 2019, 14, e0208941.	1.1	28
4	Taming chlorophylls by early eukaryotes underpinned algal interactions and the diversification of the eukaryotes on the oxygenated Earth. ISME Journal, 2019, 13, 1899-1910.	4.4	10
5	Possible aplanochytrid (Labyrinthulea) prey detected using 18S metagenetic diet analysis in the key copepod species <i>Calanus sinicus</i> in the coastal waters of the subtropical western North Pacific. Plankton and Benthos Research, 2018, 13, 75-82.	0.2	12
6	Elemental composition and ultrafine structure of the skeleton in shell-bearing protists—A case study of phaeodarians and radiolarians. Journal of Structural Biology, 2018, 204, 45-51.	1.3	6
7	Nutritional Intake by Ectoplasmic Nets of Schizochytrium aggregatum (Labyrinthulomycetes). Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.6	10
8	Bothrosome Formation in Schizochytrium aggregatum (Labyrinthulomycetes, Stramenopiles) during Zoospore Settlement. Protist, 2017, 168, 206-219.	0.6	12
9	Proposal of <i>Monorhizochytrium globosum</i> gen. nov., comb. nov. (<i>Schizochytrium</i> tramenopiles, <i>Labyrinthulomycetes</i>) for former <i>Thraustochytrium globosum</i> based on morphological features and phylogenetic relationships. Phycological Research, 2017, 65, 188-201.	0.8	17
10	Ecological Dynamics of Two Distinct Viruses Infecting Marine Eukaryotic Decomposer Thraustochytrids (Labyrinthulomycetes, Stramenopiles). PLoS ONE, 2015, 10, e0133395.	1.1	4
11	Novel Lysophospholipid Acyltransferase PLAT1 of Aurantiochytrium limacinum F26-b Responsible for Generation of Palmitate-Docosahexaenoate-Phosphatidylcholine and Phosphatidylethanolamine. PLoS ONE, 2014, 9, e102377.	1.1	14
12	TLC screening of thraustochytrid strains for squalene production. Journal of Applied Phycology, 2014, 26, 29-41.	1.5	60
13	3 Systematics of the Straminipila: Labyrinthulomycota, Hyphochytriomycota, and Oomycota. , 2014, , 39-97.		56
14	Bacillus ligniniphilus sp. nov., an alkaliphilic and halotolerant bacterium isolated from sediments of the South China Sea. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1712-1717.	0.8	37
15	Effect of trace elements on growth of marine eukaryotes, thraustochytrids. Journal of Bioscience and Bioengineering, 2013, 116, 337-339.	1.1	24
16	Versatile Transformation System That Is Applicable to both Multiple Transgene Expression and Gene Targeting for Thraustochytrids. Applied and Environmental Microbiology, 2012, 78, 3193-3202.	1.4	62
17	Analysis of Δ^{12} -fatty acid desaturase function revealed that two distinct pathways are active for the synthesis of PUFAs in T. aureum ATCC 34304. Journal of Lipid Research, 2012, 53, 1210-1222.	2.0	54
18	Optimization of culture conditions of the thraustochytrid Aurantiochytrium sp. strain 18W-13a for squalene production. Bioresource Technology, 2012, 109, 287-291.	4.8	83

#	ARTICLE	IF	CITATIONS
19	Optimization of Biomass and Fatty Acid Production by <i>Aurantiochytrium</i> sp. Strain 4W-1b. <i>Procedia Environmental Sciences</i> , 2012, 15, 27-33.	1.3	20
20	<i>Thraustochytrid Aurantiochytrium</i> sp. 18W-13a Accumulates High Amounts of Squalene. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 2246-2248.	0.6	123
21	Increase of Eicosapentaenoic Acid in <i>Thraustochytrids</i> through <i>Thraustochytrid Ubiquitin Promoter-Driven Expression of a Fatty Acid Δ^5 Desaturase Gene</i> . <i>Applied and Environmental Microbiology</i> , 2011, 77, 3870-3876.	1.4	58
22	Detection of Genes Involved in Fatty Acid Elongation and Desaturation in <i>Thraustochytrid Marine Eukaryotes</i> . <i>Journal of Oleo Science</i> , 2011, 60, 475-481.	0.6	37
23	The Distribution of Extracellular Cellulase Activity in Marine Eukaryotes, <i>Thraustochytrids</i> . <i>Marine Biotechnology</i> , 2011, 13, 133-136.	1.1	53
24	<i>Labyrinthulomycetes</i> phylogeny and its implications for the evolutionary loss of chloroplasts and gain of ectoplasmic gliding. <i>Molecular Phylogenetics and Evolution</i> , 2009, 50, 129-140.	1.2	104
25	<i>Olpidiopsis bostrychia</i> sp. nov.: an endoparasitic oomycete that infects <i>Bostrychia</i> and other red algae (Rhodophyta). <i>Phycologia</i> , 2009, 48, 460-472.	0.6	37
26	ãããããã. <i>Nippon Suisan Gakkaishi</i> , 2009, 75, 907.	0.0	0
27	Taxonomy of <i>Olpidiopsis porphyrae</i> sp. nov. and development of detection method of <i>O. porphyrae</i> in the nori cultivation ground. <i>Nippon Suisan Gakkaishi</i> , 2009, 75, 908-909.	0.0	0
28	Optimization of Culture Conditions for Growth and Docosahexaenoic Acid Production by a Marine <i>Thraustochytrid, Aurantiochytrium limacinum</i> mh0186. <i>Journal of Oleo Science</i> , 2009, 58, 623-628.	0.6	66
29	MORPHOLOGICAL AND PHYLOGENETIC STUDIES ON UNICELLULAR DIAZOTROPHIC CYANOBACTERIA (CYANOPHYTES) ISOLATED FROM THE COASTAL WATERS AROUND SINGAPORE ¹ </sup>. <i>Journal of Phycology</i> , 2008, 44, 142-151.	1.0	24
30	The Development, Ultrastructural Cytology, and Molecular Phylogeny of the Basal Oomycete <i>Eurychasma dicksonii</i> , Infecting the Filamentous Phaeophyte Algae <i>Ectocarpus siliculosus</i> and <i>Pylaiella littoralis</i> . <i>Protist</i> , 2008, 159, 299-318.	0.6	57
31	Taxonomy, molecular phylogeny, and ultrastructural morphology of <i>Olpidiopsis porphyrae</i> sp. nov. (Oomycetes, straminipiles), a unicellular obligate endoparasite of <i>Bangia</i> and <i>Porphyra</i> spp. (Bangiales.) <i>Tj ETQq1 1257843147rgBT /O</i>		
32	Isolation and Characterization of a Δ^5 -Desaturase from <i>Oblongichytrium</i> sp.. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 2224-2227.	0.6	8
33	Fluorescence in situ hybridization using 18S rRNA-targeted probe for specific detection of <i>thraustochytrids (Labyrinthulomycetes)</i> . <i>Plankton and Benthos Research</i> , 2007, 2, 91-97.	0.2	14
34	Proposal of <i>Pseudochattonella verruculosa</i> gen. nov., comb. nov. (Dictyochophyceae) for a former raphidophycean alga <i>Chattonella verruculosa</i> , based on 18S rDNA phylogeny and ultrastructural characteristics. <i>Phycological Research</i> , 2007, 55, 185-192.	0.8	37
35	Homologs of the Sexually Induced Gene 1 (sig1) Product constitute the Stramenopile Mastigonemes. <i>Protist</i> , 2007, 158, 77-88.	0.6	29
36	Taxonomic rearrangement of the genus <i>Schizochytrium</i> sensu lato based on morphology, chemotaxonomic characteristics, and 18S rRNA gene phylogeny (<i>Thraustochytriaceae</i> .) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50_62 Td (Lab</i> <i>Oblongichytrium</i> gen. nov.. <i>Mycoscience</i> , 2007, 48, 199-211.	0.3	164

#	ARTICLE	IF	CITATIONS
37	Molecular phylogeny of an unidentified Haliphthoros-like marine oomycete and Haliphthoros milfordensis inferred from nuclear-encoded small- and large-subunit rRNA genes and mitochondrial-encoded <i>cox2</i> gene. <i>Mycoscience</i> , 2007, 48, 212-221.	0.3	40
38	Taxonomic rearrangement of the genus <i>Ulkenia</i> sensu lato based on morphology, chemotaxonomical characteristics, and 18S rRNA gene phylogeny (Thraustochytriaceae, Labyrinthulomycetes): emendation for <i>Ulkenia</i> and erection of <i>Botryochytrium</i> , <i>Parietichytrium</i> , and <i>Sicyoidochytrium</i> gen. nov. <i>Mycoscience</i> , 2007, 48, 329-341.	0.3	80
39	A New Labyrinthulid Isolate That Produces Only Docosahexaenoic Acid. <i>Marine Biotechnology</i> , 2006, 8, 170-177.	1.1	17
40	Complete nucleotide sequence and genome organization of a single-stranded RNA virus infecting the marine fungoid protist <i>Schizochytrium</i> sp.. <i>Journal of General Virology</i> , 2006, 87, 723-733.	1.3	43
41	The early detection of <i>Olpidiopsis</i> sp. (Oomycetes, Chromista) which causes damage to <i>Nori</i> cultivation using a PCR.. <i>Nippon Suisan Gakkaishi</i> , 2005, 71, 917-922.	0.0	2
42	Phylogenetic analyses of the polycystine Radiolaria based on the 18s rDNA sequences of the Spumellarida and the Nassellarida. <i>European Journal of Protistology</i> , 2005, 41, 287-298.	0.5	29
43	Isolation and Characterization of a Novel Single-Stranded RNA Virus Infectious to a Marine Fungoid Protist, <i>Schizochytrium</i> sp. (Thraustochytriaceae, Labyrinthulea). <i>Applied and Environmental Microbiology</i> , 2005, 71, 4516-4522.	1.4	48
44	Molecular phylogeny of solitary shell-bearing Polycystinea (Radiolaria). <i>Revue De Micropaleontologie</i> , 2004, 47, 111-118.	0.8	19
45	Molecular phylogeny of solitary shell-bearing Polycystinea (Radiolaria). <i>Revue De Micropaleontologie</i> , 2004, 47, 111-118.	0.8	4
46	Grouping Newly Isolated Docosahexaenoic Acid-Producing Thraustochytrids Based on Their Polyunsaturated Fatty Acid Profiles and Comparative Analysis of 18S rRNA Genes. <i>Marine Biotechnology</i> , 2003, 5, 450-457.	1.1	69
47	The Pinguiphyceae classis nova, a new class of photosynthetic stramenopiles whose members produce large amounts of omega-3 fatty acids. <i>Phycological Research</i> , 2002, 50, 31-47.	0.8	49
48	Ultrastructure and taxonomy of a marine photosynthetic stramenopile <i>Phaeomonas parva</i> gen. et sp. nov. (Pinguiphyceae) with emphasis on the flagellar apparatus architecture. <i>Phycological Research</i> , 2002, 50, 75-89.	0.8	17
49	A deeply branched novel phylotype found in Japanese paddy soils The GenBank/EMBL/DBJ accession numbers for the sequences of the novel soil clones and their aligned data set are D88480 and ds36901, respectively.. <i>Microbiology (United Kingdom)</i> , 2000, 146, 2309-2315.	0.7	11
50	Molecular Phylogeny of Labyrinthulids and Thraustochytrids Based On the Sequencing of 18s Ribosomal Rna Gene. <i>Journal of Eukaryotic Microbiology</i> , 1999, 46, 637-647.	0.8	164
51	Detection of Seven Major Evolutionary Lineages in Cyanobacteria Based on the 16S rRNA Gene Sequence Analysis with New Sequences of Five Marine Synechococcus Strains. <i>Journal of Molecular Evolution</i> , 1999, 48, 723-739.	0.8	227
52	<i>Schizochytrium limacinum</i> sp. nov., a new thraustochytrid from a mangrove area in the west Pacific Ocean. <i>Mycological Research</i> , 1998, 102, 439-448.	2.5	115
53	Optimization of docosahexaenoic acid production by <i>Schizochytrium limacinum</i> SR21. <i>Applied Microbiology and Biotechnology</i> , 1998, 49, 72-76.	1.7	291
54	Production of docosahexaenoic and docosapentaenoic acids by <i>Schizochytrium</i> sp. isolated from Yap Islands. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 1996, 73, 1421-1426.	0.8	162

#	ARTICLE	IF	CITATIONS
55	Sulcochrysis biplastida gen. et sp. nov.: Cell structure and absolute configuration of the flagellar apparatus of an enigmatic chromophyte alga. Phycological Research, 1995, 43, 1-16.	0.8	16
56	Ultrastructure and reconstruction of the flagellar apparatus architecture in Ankylochrysis lutea (Chrysophyceae, Sarcinochrysidales). Phycologia, 1995, 34, 215-227.	0.6	22