

Michael Dyall-Smith

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3295869/publications.pdf>

Version: 2024-02-01

78
papers

3,217
citations

147566

31
h-index

161609

54
g-index

80
all docs

80
docs citations

80
times ranked

2176
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome Sequence of <i>Micromonospora aurantiaca</i> Strain G9, a Member of a Bacterial Consortium Capable of Polyethylene Degradation. <i>Microbiology Resource Announcements</i> , 2022, , e0114821.	0.3	2
2	Faecal microbiota and antimicrobial resistance gene profiles of healthy foals. <i>Equine Veterinary Journal</i> , 2021, 53, 806-816.	0.9	6
3	The Novel Halovirus HardyCor1, and the Presence of Active (Induced) Proviruses in Four Haloarchaea. <i>Genes</i> , 2021, 12, 149.	1.0	9
4	Cellular and Genomic Properties of <i>Haloferax gibbonsii</i> LR2-5, the Host of Euryarchaeal Virus HFTV1. <i>Frontiers in Microbiology</i> , 2021, 12, 625599.	1.5	9
5	Genome Sequence of HardyHis2, a Gammaleolipovirus Infecting <i>Haloarcula hispanica</i> . <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	2
6	Open Issues for Protein Function Assignment in <i>Haloferax volcanii</i> and Other Halophilic Archaea. <i>Genes</i> , 2021, 12, 963.	1.0	4
7	Bacterial Viruses Subcommittee and Archaeal Viruses Subcommittee of the ICTV: update of taxonomy changes in 2021. <i>Archives of Virology</i> , 2021, 166, 3239-3244.	0.9	24
8	Cultivation of halophilic archaea (class Halobacteria) from thalassohaline and athalassohaline environments. <i>Marine Life Science and Technology</i> , 2021, 3, 243-251.	1.8	35
9	Mutations Affecting HVO_1357 or HVO_2248 Cause Hypermotility in <i>Haloferax volcanii</i> , Suggesting Roles in Motility Regulation. <i>Genes</i> , 2021, 12, 58.	1.0	9
10	Halovirus HF2 Intergenic Repeat Sequences Carry Promoters. <i>Viruses</i> , 2021, 13, 2388.	1.5	0
11	Whole-genome comparison between the type strain of <i>Halobacterium salinarum</i> (DSM Tj ETQq1 1 0.784314 rgBT /Overlock 1.2 26	1.2	26
12	Antibiotic Resistance Genes in Antibiotic-Free Chicken Farms. <i>Antibiotics</i> , 2020, 9, 120.	1.5	14
13	Insights into gene regulation of the halovirus His2 infecting <i>Haloarcula hispanica</i> . <i>MicrobiologyOpen</i> , 2020, 9, e1016.	1.2	3
14	Comparative Genomics of Two New HF1-like Haloviruses. <i>Genes</i> , 2020, 11, 405.	1.0	9
15	The Genome Sequence of the <i>Halobacterium salinarum</i> Type Strain Is Closely Related to That of Laboratory Strains NRC-1 and R1. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	8
16	<i>Halobacterium salinarum</i> virus ChaoS9, a Novel Halovirus Related to PhiH1 and PhiCh1. <i>Genes</i> , 2019, 10, 194.	1.0	11
17	pSTM6-275, a Conjugative IncHI2 Plasmid of <i>Salmonella enterica</i> That Confers Antibiotic and Heavy-Metal Resistance under Changing Physiological Conditions. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	44
18	Complete Genome Sequence of the Model Halovirus PhiH1 (ΦH1). <i>Genes</i> , 2018, 9, 493.	1.0	11

#	ARTICLE	IF	CITATIONS
19	The PL6-Family Plasmids of Haloquadratum Are Virus-Related. <i>Frontiers in Microbiology</i> , 2018, 9, 1070.	1.5	3
20	NaCl-saturated brines are thermodynamically moderate, rather than extreme, microbial habitats. <i>FEMS Microbiology Reviews</i> , 2018, 42, 672-693.	3.9	54
21	Genome Sequence of an Australian Monophasic <i>Salmonella enterica</i> subsp. <i>enterica</i> Typhimurium Isolate (TW-Stm6) Carrying a Large Plasmid with Multiple Antimicrobial Resistance Genes. <i>Genome Announcements</i> , 2017, 5, .	0.8	31
22	Variable impact of rice (<i>Oryza sativa</i>) on soil metal reduction and availability of pore water Fe ²⁺ and Mn ²⁺ throughout the growth period. <i>Chemistry and Ecology</i> , 2016, 32, 182-200.	0.6	19
23	A strange family, or how a new pleolipovirus reveals its friends and relatives. <i>Molecular Microbiology</i> , 2015, 98, 995-997.	1.2	3
24	The Adaptive Immune System of <i>Haloferax volcanii</i> . <i>Life</i> , 2015, 5, 521-537.	1.1	25
25	Complete Genome Sequence of the Extremely Halophilic Archaeon <i>Haloarcula hispanica</i> Strain N601. <i>Genome Announcements</i> , 2014, 2, .	0.8	12
26	How Do Haloarchaea Synthesize Aromatic Amino Acids?. <i>PLoS ONE</i> , 2014, 9, e107475.	1.1	10
27	High level of intergenera gene exchange shapes the evolution of haloarchaea in an isolated Antarctic lake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16939-16944.	3.3	105
28	The ring of confidence: a haloarchaeal CRISPR/Cas system. <i>Biochemical Society Transactions</i> , 2013, 41, 374-378.	1.6	13
29	Genome of the Haloarchaeon <i>Natronomonas moolapensis</i> , a Neutrophilic Member of a Previously Haloalkaliphilic Genus. <i>Genome Announcements</i> , 2013, 1, e0009513.	0.8	10
30	Taxonomic study of the genera <i>Halogeometricum</i> and <i>Halosarcina</i> : transfer of <i>Halosarcina limi</i> and <i>Halosarcina pallida</i> to the genus <i>Halogeometricum</i> as <i>Halogeome</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3915-3919.	0.8	15
31	PH1: An Archaeovirus of <i>Haloarcula hispanica</i> Related to SH1 and HHIV-2. <i>Archaea</i> , 2013, 2013, 1-17.	2.3	37
32	The immune system of halophilic archaea. <i>Mobile Genetic Elements</i> , 2012, 2, 228-232.	1.8	18
33	An Archaeal Immune System Can Detect Multiple Protospacer Adjacent Motifs (PAMs) to Target Invader DNA. <i>Journal of Biological Chemistry</i> , 2012, 287, 33351-33363.	1.6	110
34	<i>Halobellus limi</i> sp. nov. and <i>Halobellus salinus</i> sp. nov., isolated from two marine solar salterns. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1307-1313.	0.8	25
35	Biofilm formation by haloarchaea. <i>Environmental Microbiology</i> , 2012, 14, 3159-3174.	1.8	88
36	<i>Halohasta litorea</i> gen. nov. sp. nov., and <i>Halohasta litchfieldiae</i> sp. nov., isolated from the Daliang aquaculture farm, China and from Deep Lake, Antarctica, respectively. <i>Extremophiles</i> , 2012, 16, 895-901.	0.9	57

#	ARTICLE	IF	CITATIONS
37	Haloquadratum walsbyi : Limited Diversity in a Global Pond. PLoS ONE, 2011, 6, e20968.	1.1	97
38	Dangerous weapons: a cautionary tale of CRISPR defence. Molecular Microbiology, 2011, 79, 3-6.	1.2	6
39	A small basic protein from the brz-brb operon is involved in regulation of bop transcription in Halobacterium salinarum. BMC Molecular Biology, 2011, 12, 42.	3.0	14
40	Diversity of Haloquadratum and other haloarchaea in three, geographically distant, Australian saltern crystallizer ponds. Extremophiles, 2010, 14, 161-169.	0.9	96
41	Halonotius pteroides gen. nov., sp. nov., an extremely halophilic archaeon recovered from a saltern crystallizer. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1196-1199.	0.8	48
42	Structural and Biochemical Characterization of a Halophilic Archaeal Alkaline Phosphatase. Journal of Molecular Biology, 2010, 400, 52-62.	2.0	22
43	Natronomonas moolapensis sp. nov., non-alkaliphilic isolates recovered from a solar saltern crystallizer pond, and emended description of the genus Natronomonas. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1173-1176.	0.8	33
44	Transfection of haloarchaea by the DNAs of spindle and round haloviruses and the use of transposon mutagenesis to identify non-essential regions. Molecular Microbiology, 2008, 70, 1236-1245.	1.2	31
45	Haloquadratum walsbyi gen. nov., sp. nov., the square haloarchaeon of Walsby, isolated from saltern crystallizers in Australia and Spain. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 387-392.	0.8	173
46	Virus-host interactions in salt lakes. Current Opinion in Microbiology, 2007, 10, 418-424.	2.3	74
47	28 The Isolation and Study of Viruses of Halophilic Microorganisms. Methods in Microbiology, 2006, 35, 681-702.	0.4	2
48	22 Cultivation of Haloarchaea. Methods in Microbiology, 2006, 35, 535-552.	0.4	13
49	Culture-Dependent Study of Microbial Diversity of Lake Chaka. Applied and Environmental Microbiology, 2006, 72, 7427-7427.	1.4	2
50	SH1: A novel, spherical halovirus isolated from an Australian hypersaline lake. Virology, 2005, 335, 22-33.	1.1	116
51	Constituents of SH1, a Novel Lipid-Containing Virus Infecting the Halophilic Euryarchaeon Haloarcula hispanica. Journal of Virology, 2005, 79, 9097-9107.	1.5	96
52	Haloviruses and Their Hosts. , 2005, , 553-563.		4
53	Haloviruses HF1 and HF2: Evidence for a Recent and Large Recombination Event. Journal of Bacteriology, 2004, 186, 2810-2817.	1.0	62
54	Cultivation of Walsby's square haloarchaeon. FEMS Microbiology Letters, 2004, 238, 469-473.	0.7	99

#	ARTICLE	IF	CITATIONS
55	Combined Use of Cultivation-Dependent and Cultivation-Independent Methods Indicates that Members of Most Haloarchaeal Groups in an Australian Crystallizer Pond Are Cultivable. <i>Applied and Environmental Microbiology</i> , 2004, 70, 5258-5265.	1.4	180
56	Cultivation of Walsby's square haloarchaeon. <i>FEMS Microbiology Letters</i> , 2004, 238, 469-473.	0.7	110
57	Genome Sequences of the Head-Tail Haloviruses HF1 and HF2. , 2004, , 255-262.		1
58	Haloarchaeal viruses: how diverse are they?. <i>Research in Microbiology</i> , 2003, 154, 309-313.	1.0	91
59	Taxonomic characterization of <i>Haloferax</i> sp. (" <i>H. alicantei</i> ") strain Aa 2.2: description of <i>Haloferax lucentensis</i> sp. nov.. <i>Extremophiles</i> , 2002, 6, 479-483.	0.9	48
60	HF2: a double-stranded DNA tailed haloarchaeal virus with a mosaic genome. <i>Molecular Microbiology</i> , 2002, 44, 283-296.	1.2	81
61	A Member of the Delta Subgroup of Proteobacteria from a Pyogenic Liver Abscess Is a Typical Sulfate Reducer of the Genus <i>Desulfovibrio</i> . <i>Journal of Clinical Microbiology</i> , 2001, 39, 787-790.	1.8	16
62	â€œ <i>Helicobacter rappini</i> â€ Isolates from 2 Homosexual Men. <i>Clinical Infectious Diseases</i> , 2001, 33, e8-e11.	2.9	16
63	Bacteremia Caused by a <i>Helicobacter pullorum</i> â€ Like Organism. <i>Clinical Infectious Diseases</i> , 2001, 33, 1789-1791.	2.9	37
64	Role of flagellins from A and B loci in flagella formation of <i>Halobacterium salinarum</i> . <i>Molecular Microbiology</i> , 2000, 35, 69-78.	1.2	48
65	Sequence and expression of a halobacterial beta-galactosidase gene. <i>Molecular Microbiology</i> , 2000, 36, 114-122.	1.2	93
66	An Improved Transposon for the Halophilic Archaeon <i>Haloarcula hispanica</i> . <i>Journal of Bacteriology</i> , 1999, 181, 7140-7142.	1.0	13
67	â€œ <i>Flexispira rappini</i> â€ Bacteremia in a Child with Pneumonia. <i>Journal of Clinical Microbiology</i> , 1998, 36, 1679-1682.	1.8	53
68	Revised nucleotide sequence of an archaeal insertion element (ISH28) reveals a putative transposase gene. <i>Gene</i> , 1996, 182, 219-220.	1.0	3
69	Halolysin R4, a serine proteinase from the halophilic archaeon <i>Haloferax mediterranei</i> ; gene cloning, expression and structural studies. <i>BBA - Proteins and Proteomics</i> , 1996, 1294, 159-167.	2.1	64
70	Analysis of the halobacterial plasmid pHK2 minimal replicon. <i>Gene</i> , 1995, 153, 117-121.	1.0	42
71	Halophage HF2: genome organization and replication strategy. <i>Journal of Virology</i> , 1995, 69, 2322-2327.	1.5	25
72	Construction of composite transposons for halophilic Archaea. <i>Canadian Journal of Microbiology</i> , 1994, 40, 922-929.	0.8	33

#	ARTICLE	IF	CITATIONS
73	Improved shuttle vectors for <i>Haloferax volcanii</i> including a dual-resistance plasmid. <i>Gene</i> , 1994, 146, 117-121.	1.0	71
74	Cutaneous squamous cell carcinomas and papillomaviruses in renal transplant recipients: A clinical and molecular biological study. <i>Journal of Dermatological Science</i> , 1991, 2, 139-146.	1.0	45
75	Mutations in DNA gyrase result in novobiocin resistance in halophilic archaeobacteria. <i>Journal of Bacteriology</i> , 1991, 173, 642-648.	1.0	147
76	A plasmid vector with a selectable marker for halophilic archaeobacteria. <i>Journal of Bacteriology</i> , 1990, 172, 756-761.	1.0	110
77	Comparative sequence analysis of VP7 genes from five Australian porcine rotaviruses. <i>Archives of Virology</i> , 1989, 109, 173-183.	0.9	38
78	Genome Sequence of <i>Pseudomonas veronii</i> Strain G2, a Member of a Bacterial Consortium Capable of Polyethylene Degradation. <i>Microbiology Resource Announcements</i> , 0, , .	0.3	1