Asim K Bej

List of Publications by Year
in descending order

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75 papers	3,993 citations	117625 34 h-index	123424 61 g-index
77 all docs	77 docs citations	77 times ranked	3518 citing authors

#	Article	IF	Citations
1	The Gut Microbiota of Naturally Occurring and Laboratory Aquaculture Lytechinus variegatus Revealed Differences in the Community Composition, Taxonomic Co-Occurrence, and Predicted Functional Attributes. Applied Microbiology, 2021, 1, 201-224.	1.6	2
2	Microbial Composition and Genes for Key Metabolic Attributes in the Gut Digesta of Sea Urchins Lytechinus variegatus and Strongylocentrotus purpuratus Using Shotgun Metagenomics. Current Issues in Molecular Biology, 2021, 43, 978-995.	2.4	2
3	High-throughput amplicon sequencing datasets of the metacommunity DNA of the gut microbiota of naturally occurring and laboratory aquaculture green sea urchins Lytechinus variegatus. Data in Brief, 2019, 26, 104405.	1.0	5
4	The Purple Sea Urchin Strongylocentrotus purpuratus Demonstrates a Compartmentalization of Gut Bacterial Microbiota, Predictive Functional Attributes, and Taxonomic Co-Occurrence. Microorganisms, 2019, 7, 35.	3.6	24
5	Microbial Community Composition and Predicted Functional Attributes of Antarctic Lithobionts Using Targeted Next-Generation Sequencing and Bioinformatics Tools. Methods in Microbiology, 2018, , 243-290.	0.8	3
6	Metagenomic Analysis of Microbial Community Compositions and Cold-Responsive Stress Genes in Selected Antarctic Lacustrine and Soil Ecosystems. Life, 2018, 8, 29.	2.4	29
7	Metagenomics approach to the study of the gut microbiome structure and function in zebrafish Danio rerio fed with gluten formulated diet. Journal of Microbiological Methods, 2017, 135, 69-76.	1.6	34
8	Comparison of two bioinformatics tools used to characterize the microbial diversity and predictive functional attributes of microbial mats from Lake Obersee, Antarctica. Journal of Microbiological Methods, 2017, 140, 15-22.	1.6	70
9	Microbial Communities and Their Predicted Metabolic Functions in Growth Laminae of a Unique Large Conical Mat from Lake Untersee, East Antarctica. Frontiers in Microbiology, 2017, 8, 1347.	3.5	51
10	The gut microbiome of the sea urchin,Lytechinus variegatus, from its natural habitat demonstrates selective attributes of microbial taxa and predictive metabolic profiles. FEMS Microbiology Ecology, 2016, 92, fiw146.	2.7	113
11	Draft Genome Sequence of Janthinobacterium sp. Ant5-2-1, Isolated from Proglacial Lake Podprudnoye in the Schirmacher Oasis of East Antarctica. Genome Announcements, 2016, 4, .	0.8	17
12	Metagenomic data of the bacterial community in coastal Gulf of Mexico sediment microcosms following exposure to Macondo oil (MC252). Data in Brief, 2016, 6, 89-93.	1.0	1
13	Distribution of cold adaptation proteins in microbial mats in Lake Joyce, Antarctica: Analysis of metagenomic data by using two bioinformatics tools. Journal of Microbiological Methods, 2016, 120, 23-28.	1.6	11
14	An abundance of Epsilonproteobacteria revealed in the gut microbiome of the laboratory cultured sea urchin, Lytechinus variegatus. Frontiers in Microbiology, 2015, 6, 1047.	3.5	82
15	Bacterial community shift in the coastal Gulf of Mexico salt-marsh sediment microcosm in vitro following exposure to the Mississippi Canyon Block 252 oil (MC252). 3 Biotech, 2015, 5, 379-392.	2.2	40
16	Draft Genome Sequence of Pseudomonas sp. Strain Ant30-3, a Psychrotolerant Bacterium with Biodegradative Attribute Isolated from Antarctica. Genome Announcements, 2014, 2, .	0.8	0
17	Draft Genome Sequence of Hymenobacter sp. Strain IS2118, Isolated from a Freshwater Lake in Schirmacher Oasis, Antarctica, Reveals Diverse Genes for Adaptation to Cold Ecosystems. Genome Announcements, 2014, 2, .	0.8	8
18	Comparative analysis of bacterial community-metagenomics in coastal Gulf of Mexico sediment microcosms following exposure to Macondo oil (MC252). Antonie Van Leeuwenhoek, 2014, 106, 993-1009.	1.7	21

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19	Bacterial diversity within five unexplored freshwater lakes interconnected by surface channels in East Antarctic Dronning Maud Land (Schirmacher Oasis) using amplicon pyrosequencing. Polar Biology, 2014, 37, 359-366.	1.2	7
20	Detection of Salmonella in Shellfish Using SYBR Greenâ„¢ I-Based Real-Time Multiplexed PCR Assay Targeting invA and spvB. Food Analytical Methods, 2013, 6, 922-932.	2.6	3
21	UV and cold tolerance of a pigment-producing Antarctic Janthinobacterium sp. Ant5-2. Extremophiles, 2013, 17, 367-378.	2.3	38
22	Bacterial diversity of the rock-water interface in an East Antarctic freshwater ecosystem, Lake Tawani(P)â€. Aquatic Biosystems, 2013, 9, 4.	1.8	27
23	Hypothesized Microenvironments for the Origin of Microbial Life on Earth. Cellular Origin and Life in Extreme Habitats, 2012, , 775-795.	0.3	1
24	Antimicrobial activity of PVP from an Antarctic bacterium, Janthinobacterium sp. Ant5-2, on multi-drug and methicillin resistant Staphylococcus aureus. Natural Products and Bioprospecting, 2012, 2, 104-110.	4.3	17
25	Bacterial gene expression at low temperatures. Extremophiles, 2012, 16, 167-176.	2.3	16
26	The antiproliferative function of violaceinâ€like purple violet pigment (PVP) from an Antarctic Janthinobacterium sp. Ant5â€2 in UVâ€induced 2237 fibrosarcoma. International Journal of Dermatology, 2011, 50, 1223-1233.	1.0	22
27	Structure and function of â€ƒa cold shock domain fold protein, CspD, in Janthinobacterium sp. Ant5-2 from East Antarctica. FEMS Microbiology Letters, 2011, 319, 106-114.	1.8	13
28	Spectral profiling and imaging (SPI): extending L.I.F.E. technology for the remote exploration of life in ice caves (R.E.L.I.C.) on Earth and Mars. Proceedings of SPIE, 2011, , .	0.8	1
29	Occurrence and distribution of capB in Antarctic microorganisms and study of its structure and regulation in the Antarctic biodegradative Pseudomonas sp. 30/3. Extremophiles, 2010, 14, 171-183.	2.3	16
30	Detection, expression and quantitation of the biodegradative genes in Antarctic microorganisms using PCR. Antonie Van Leeuwenhoek, 2010, 97, 275-287.	1.7	35
31	Multiplexed real-time PCR amplification of tlh, tdh and trh genes in Vibrio parahaemolyticus and its rapid detection in shellfish and Gulf of Mexico water. Antonie Van Leeuwenhoek, 2010, 98, 279-290.	1.7	27
32	Antimycobacterial activity in vitro of pigments isolated from Antarctic bacteria. Antonie Van Leeuwenhoek, 2010, 98, 531-540.	1.7	58
33	Comparison of the microbial diversity and abundance between the freshwater land-locked lakes of Schirmacher Oasis, and the perennially ice-covered Lake Untersee in East Antarctica. Proceedings of SPIE, 2010, , .	0.8	3
34	Diversity of bacterial communities in the lakes of Schirmacher Oasis, Antarctica. , 2009, , .		5
35	Diversity and cold adaptation of microorganisms isolated from the Schirmacher Oasis, Antarctica. Proceedings of SPIE, 2008, , .	0.8	4
36	Thermococcus thioreducens sp. nov., a novel hyperthermophilic, obligately sulfur-reducing archaeon from a deep-sea hydrothermal vent. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1612-1618.	1.7	51

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37	Erratum / Erratum. Canadian Journal of Microbiology, 2007, 53, 671-671.	1.7	0
38	Tsukamurella spongiae sp. nov., a novel actinomycete isolated from a deep-water marine sponge. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1478-1481.	1.7	35
39	Detection of pandemicVibrio parahaemolyticusO3:K6 serovar in Gulf of Mexico water and shellfish using real-time PCR with TaqmanÃ‚Â®fluorescent probes. FEMS Microbiology Letters, 2006, 262, 185-192.	1.8	11
40	Analysis of aggregative behavior of Pseudomonas sp. 30-3 isolated from Antarctic soil. Soil Biology and Biochemistry, 2006, 38, 3152-3157.	8.8	9
41	Trichococcus patagoniensis sp. nov., a facultative anaerobe that grows at â˜5â€ŠÂ°C, isolated from penguin guano in Chilean Patagonia. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2055-2062.	1.7	62
42	Detection of Vibrio parahaemolyticus in Shellfish by Use of Multiplexed Real-Time PCR with TaqMan Fluorescent Probes. Applied and Environmental Microbiology, 2006, 72, 2031-2042.	3.1	120
43	Characterization of Arthrobacter nicotinovorans HIM, an atrazine-degrading bacterium, from agricultural soil New Zealand. FEMS Microbiology Ecology, 2005, 52, 279-286.	2.7	78
44	Real-Time PCR Detection of Vibrio vulnificus in Oysters: Comparison of Oligonucleotide Primers and Probes Targeting vvhA. Applied and Environmental Microbiology, 2005, 71, 5702-5709.	3.1	87
45	Multiplex PCR detection of clinical and environmental strains ofVibrio vulnificusin shellfish. Canadian Journal of Microbiology, 2004, 50, 911-922.	1.7	47
46	Detection of Pathogenic Vibrio spp. in Shellfish by Using Multiplex PCR and DNA Microarrays. Applied and Environmental Microbiology, 2004, 70, 7436-7444.	3.1	187
47	Rapid Detection of Vibrio vulnificus in Shellfish and Gulf of Mexico Water by Real-Time PCR. Applied and Environmental Microbiology, 2004, 70, 498-507.	3.1	161
48	Tindallia californiensis sp. nov., a new anaerobic, haloalkaliphilic, spore-forming acetogen isolated from Mono Lake in California. Extremophiles, 2003, 7, 327-334.	2.3	57
49	Detection of pathogenic bacteria in shellfish using multiplex PCR followed by CovaLinkâ„¢ NH microwell plate sandwich hybridization. Journal of Microbiological Methods, 2003, 53, 199-209.	1.6	60
50	Molecular based methods for the detection of microbial pathogens in the environment. Journal of Microbiological Methods, 2003, 53, 139-140.	1.6	22
51	Desulfonatronum thiodismutans sp. nov., a novel alkaliphilic, sulfate-reducing bacterium capable of lithoautotrophic growth. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1327-1332.	1.7	96
52	PCR Detection of a Newly Emerged Pandemic Vibrio parahaemolyticus O3:K6 Pathogen in Pure Cultures and Seeded Waters from the Gulf of Mexico. Applied and Environmental Microbiology, 2003, 69, 2194-2200.	3.1	77
53	Spirochaeta americana sp. nov., a new haloalkaliphilic, obligately anaerobic spirochaete isolated from soda Mono Lake in California. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 815-821.	1.7	95
54	Anaerobic halo- alkaliphilic bacterial community of athalassic, hypersaline Mono lake and Owens Lake in California. , 2003, , .		7

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55	Cold tolerance of Pseudomonas sp. 30-3 isolated from oil-contaminated soil, Antarctica. Polar Biology, 2002, 25, 5-11.	1.2	43
56	Response and tolerance of toxigenic Vibro cholerae O1 to cold temperatures. Antonie Van Leeuwenhoek, 2001, 79, 377-384.	1.7	30
57	Adaptive response to cold temperatures and characterization of cspA in Salmonella typhimurium LT2. Antonie Van Leeuwenhoek, 2000, 77, 13-20.	1.7	25
58	Cold-tolerant alkane-degrading Rhodococcus species from Antarctica. Polar Biology, 2000, 23, 100-105.	1.2	134
59	Adaptive Response to Cold Temperatures in Vibrio vulnificus. Current Microbiology, 1999, 38, 168-175.	2.2	62
60	Detection of total and hemolysin-producing Vibrio parahaemolyticus in shellfish using multiplex PCR amplification of tl, tdh and trh. Journal of Microbiological Methods, 1999, 36, 215-225.	1.6	516
61	Growth, Survival and Characterization of cspA in Salmonella enteritidis Following Cold Shock. Current Microbiology, 1998, 36, 29-35.	2.2	38
62	Detection of Giardia in Environmental Waters by Immuno-PCR Amplification Methods. Current Microbiology, 1998, 36, 107-113.	2.2	40
63	Detection of Microbial Pathogens in Shellfish with Multiplex PCR. Current Microbiology, 1998, 37, 101-107.	2.2	148
64	Optimization of the arbitrarily-primed polymerase chain reaction (AP-PCR) for intra-species differentiation of Vibrio vulnificus. Journal of Microbiological Methods, 1998, 33, 181-189.	1.6	15
65	Detection of viableVibrio cholerae by reverse-transcriptase polymerase chain reaction (RT-PCR). Molecular Biotechnology, 1996, 5, 1-10.	2.4	64
66	Detection of Salmonella spp. in Oysters Using Polymerase Chain Reactions (PCR) and Gene Probes. Journal of Food Science, 1993, 58, 1191-1197.	3.1	68
67	Amplification of Nucleic Acids by Polymerase Chain Reaction (PCR) and Other Methods and their Applications. Critical Reviews in Biochemistry and Molecular Biology, 1991, 26, 301-334.	5.2	136
68	Acquisition of mitochondrial DNA by a transformation vector for Ustilago violacea. Gene, 1991, 98, 135-140.	2.2	12
69	Response of microbial populations to environmental disturbance. Microbial Ecology, 1991, 22, 249-256.	2.8	225
70	Introduction and maintenance of prokaryotic DNA inUstilago violacea. Journal of Industrial Microbiology, 1990, 5, 355-363.	0.9	11
71	Detection of Legionella with polymerase chain reaction and gene probe methods. Molecular and Cellular Probes, 1990, 4, 175-187.	2.1	163
72	A high efficiency transformation system for the basidiomycete Ustilago violacea employing hygromycin resistance and lithium-acetate treatment. Gene, 1990, 86, 135.	2.2	0

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73	Multiplex PCR amplification and immobilized capture probes for detection of bacterial pathogens and indicators in water. Molecular and Cellular Probes, 1990, 4, 353-365.	2.1	132
74	DETECTING BACTERIAL PATHOGENS IN ENVIRONMENTAL WATER SAMPLES BY USING PCR AND GENE PROBES. , 1990, , 399-406.		20
75	A high efficiency transformation system for the basidiomycete Ustilago violacea employing hygromycin resistance and lithium-acetate treatment. Gene, 1989, 80, 171-176.	2.2	41