Shiv Mohan Singh

List of Publications by Year
in descending order

31	770	623188 14	525886 27
papers	citations	h-index	g-index

31	31	31	1068
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fungal diversity notes 1151â€“1276: taxonomic and phylogenetic contributions on genera and species of fungal taxa. Fungal Diversity, 2020, 100, 5-277.	4.7	156
2	Bacterial diversity and bioprospecting for cold-active enzymes from culturable bacteria associated with sediment from a melt water stream of Midtre Lo<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:mover accent="true"><mml:mtext>v</mml:mtext><mml:mo>Â´</mml:mo></mml:mover></mml:mrow></mml:math>enbreen glacier, an Arctic glacier. Research in Microbiology, 2009, 160, 538-546.	1.0	69
3	Characterization of yeast and filamentous fungi isolated from cryoconite holes of Svalbard, Arctic. Polar Biology, 2012, 35, 575-583.	0.5	67
4	Diversity, cold active enzymes and adaptation strategies of bacteria inhabiting glacier cryoconite holes of High Arctic. Extremophiles, 2014, 18, 229-242.	0.9	64
5	Atmospheric deposition studies of heavy metals in Arctic by comparative analysis of lichens and cryoconite. Environmental Monitoring and Assessment, 2013, 185, 1367-1376.	1.3	58
6	Antifreeze protein activity in Arctic cryoconite bacteria. FEMS Microbiology Letters, 2014, 351, 14-22.	0.7	48
7	Taxonomic characterization, adaptation strategies and biotechnological potential of cryophilic yeasts from ice cores of Midre LovÃ©nbreen glacier, Svalbard, Arctic. Cryobiology, 2013, 66, 167-175.	0.3	42
8	Rhodotorula svalbardensis sp. nov., a novel yeast species isolated from cryoconite holes of Ny-Ã…lesund, Arctic. Cryobiology, 2014, 68, 122-128.	0.3	33
9	Bacterial communities in ancient permafrost profiles of Svalbard, Arctic. Journal of Basic Microbiology, 2017, 57, 1018-1036.	1.8	33
10	Phosphate solubilizing ability of two Arctic Aspergillus niger strains. Polar Research, 2011, 30, 7283.	1.6	25
11	Draft genome of Cryobacterium sp. MLB-32, an obligate psychrophile from glacier cryoconite holes of high Arctic. Marine Genomics, 2015, 21, 25-26.	0.4	21
12	A cold and organic solvent tolerant lipase produced by Antarctic strain Rhodotorula sp. Yâ€23. Journal of Basic Microbiology, 2018, 58, 331-342.	1.8	21
13	Antagonistic interaction networks among bacteria from a cold soil environment. FEMS Microbiology Ecology, 2011, 78, 376-385.	1.3	20
14	Elemental variations in glacier cryoconites of Indian Himalaya and Spitsbergen, Arctic. Geoscience Frontiers, 2017, 8, 1339-1347.	4.3	19
15	Bird feather fungi from Svalbard Arctic. Polar Biology, 2016, 39, 523-532.	0.5	16
16	Belowground fungal volatiles perception in okra (Abelmoschus esculentus) facilitates plant growth under biotic stress. Microbiological Research, 2021, 246, 126721.	2.5	12
17	Taxonomic characterization and the bioâ€potential of bacteria isolated from glacier ice cores in the High Arctic. Journal of Basic Microbiology, 2016, 56, 275-285.	1.8	11
18	Contrasting patterns in lichen diversity in the continental and maritime Antarctic. Polar Science, 2015, 9, 311-318.	0.5	9

#	Article	IF	Citations
19	Coldâ€tolerant endoglucanase producing ability of Mrakia robertii A2â€3 isolated from cryoconites, Hamtha glacier, Himalaya. Journal of Basic Microbiology, 2019, 59, 667-679.	1.8	9
20	Algal Metabolites Can Be an Immune Booster against COVID-19 Pandemic. Antioxidants, 2022, 11, 452.	2.2	7
21	Elemental composition and bacterial incidence in firn-cores at Midre LovÃ©nbreen glacier, Svalbard. Polar Record, 2015, 51, 39-48.	0.4	6
22	Chemical and bacteriological analysis of soil from the Middle and Late Weichselian from Western Spitsbergen, Arctic. Quaternary International, 2012, 271, 98-105.	0.7	5
23	90Sr level and behaviour in the terrestrial environment of Spitsbergen. Journal of Radioanalytical and Nuclear Chemistry, 2021, 327, 485-494.	0.7	5
24	Elemental composition and bacterial occurrence in sediment samples on two sides of BrÃ¸ggerhalvÃ¸ya, Svalbard. Polar Record, 2015, 51, 680-691.	0.4	3
25	Draft Genome Sequence of Permafrost Bacterium Nesterenkonia sp. Strain PF2B19, Revealing a Cold Adaptation Strategy and Diverse Biotechnological Potential. Genome Announcements, 2017, 5, .	0.8	3
26	Insights into the Psychrophilic and Sea Ice-Specific Lifestyle of Marinobacter sp. Strain AC-23: a Genomic Approach. Genome Announcements, 2017, 5, .	0.8	2
27	Contrasting Patterns of Microbial Communities in Glacier Cryoconite of Nepali Himalaya and Greenland, Arctic. Sustainability, 2020, 12, 6477.	1.6	2
28	Comparative Genomic Analysis of Arctic Permafrost Bacterium Nesterenkonia sp. PF2B19 to Gain Insights into Its Cold Adaptation Tactic and Diverse Biotechnological Potential. Sustainability, 2021, 13, 4590.	1.6	2
29	Cold Active Amylases Producing Psychrotolerants Isolated from Nella Lake, Antarctica. Biosciences, Biotechnology Research Asia, 2018, 15, 05-16.	0.2	2
30	Partial characterization of an antifreeze protein (CRY-c) from Cryobacterium psychrotolerans MLB-29 of Arctic glacier cryoconite. Polar Science, 2021, 28, 100661.	0.5	0
31	Diversity and Bioprospecting of Yeasts from Extreme Environments. , 2019, , 117-142.		0