

Biplob Das

List of Publications by Year in descending order

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16
papers

466
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

706
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental calibration of lake-sediment spectral reflectance to chlorophyll a concentrations: methodology and paleolimnological validation. <i>Journal of Paleolimnology</i> , 2006, 36, 91-100.	1.6	120
2	Sources of polycyclic aromatic hydrocarbons (PAHs) to northwestern Saskatchewan lakes east of the Athabasca oil sands. <i>Organic Geochemistry</i> , 2015, 80, 35-45.	1.8	67
3	Inferring sedimentary chlorophyll concentrations with reflectance spectroscopy: a novel approach to reconstructing historical changes in the trophic status of mountain lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005, 62, 1067-1078.	1.4	53
4	Spatiotemporal patterns of mercury accumulation in lake sediments of western North America. <i>Science of the Total Environment</i> , 2016, 568, 1157-1170.	8.0	53
5	Heavy metal contamination and ecological risk assessment in water and sediments of the Halda river, Bangladesh: A natural fish breeding ground. <i>Marine Pollution Bulletin</i> , 2020, 160, 111649.	5.0	44
6	Watershed land use as a determinant of metal concentrations in freshwater systems. <i>Environmental Geochemistry and Health</i> , 2009, 31, 595-607.	3.4	26
7	Paleolimnological assessment of limnological change in 10 lakes from northwest Saskatchewan downwind of the Athabasca oils sands based on analysis of siliceous algae and trace metals in sediment cores. <i>Hydrobiologia</i> , 2013, 720, 55-73.	2.0	25
8	Regional climate changes drive increased scaled-chrysophyte abundance in lakes downwind of Athabasca Oil Sands nitrogen emissions. <i>Journal of Paleolimnology</i> , 2017, 58, 419-435.	1.6	17
9	Enrichment of uranium, arsenic, molybdenum, and selenium in sediment cores from boreal lakes adjacent to northern Saskatchewan uranium mines. <i>Lake and Reservoir Management</i> , 2014, 30, 344-357.	1.3	14
10	An alternative approach to reconstructing organic matter accumulation with contrasting watershed disturbance histories from lake sediments. <i>Environmental Pollution</i> , 2008, 155, 117-124.	7.5	10
11	Reconstruction of historical productivity using visible-near-infrared (VNIR) reflectance properties from boreal and saline lake sediments. <i>Aquatic Ecology</i> , 2007, 41, 209-220.	1.5	9
12	Anthropogenic disturbance history influences the temporal coherence of paleoproductivity in two lakes. <i>Journal of Paleolimnology</i> , 2009, 42, 167-181.	1.6	9
13	Relationship between phytoplankton paleoproduction and diversity in contrasting trophic states. <i>Aquatic Ecosystem Health and Management</i> , 2008, 11, 78-90.	0.6	6
14	Paleolimnological assessment of nutrient enrichment on diatom assemblages in a priori defined nitrogen- and phosphorus-limited lakes downwind of the Athabasca Oil Sands, Canada. <i>Journal of Limnology</i> , 2017, , .	1.1	6
15	Taxon-specific variation in $\delta^{13}C$ and $\delta^{15}N$ of subfossil invertebrate remains: Insights into historical trophodynamics in lake food-webs. <i>Ecological Indicators</i> , 2019, 102, 834-847.	6.3	6
16	Siliceous microfossil changes in impact and reference lakes in the uranium mining region of the Athabasca basin in northern Saskatchewan. <i>Journal of Paleolimnology</i> , 2015, 53, 367-383.	1.6	1