Sudeep Chandra

List of Publications by Citations

36 papers	688 citations	10 h-index	26 g-index
36 ext. papers	932 ext. citations	5.3 avg, IF	3.86 L-index

#	Paper	IF	Citations
36	How important are terrestrial organic carbon inputs for secondary production in freshwater ecosystems?. *Freshwater Biology*, **2017**, 62, 833-853	3.1	175
35	Efficiencies of benthic and pelagic trophic pathways in a subalpine lake. *Canadian Journal of Fisheries and Aquatic Sciences*, **2006**, 63, 2608-2620	2.4	109
34	Fish Reliance on Littoral–Benthic Resources and the Distribution of Primary Production in Lakes. *Ecosystems*, **2011**, 14, 894-903	3.9	81
33	Environmental DNA (eDNA) detects the invasive crayfishes Orconectes rusticus and Pacifastacus leniusculus in large lakes of North America. *Hydrobiologia*, **2017**, 800, 173-185	2.4	54
32	Sentinel responses to droughts, wildfires, and floods: effects of UV radiation on lakes and their ecosystem services. *Frontiers in Ecology and the Environment*, **2016**, 14, 102-109	5.5	50
31	Widespread deoxygenation of temperate lakes. *Nature*, **2021**, 594, 66-70	50.4	49
30	Evaluating recreational fisheries for an endangered species: a case study of taimen, Hucho taimen, in Mongolia. *Canadian Journal of Fisheries and Aquatic Sciences*, **2009**, 66, 1707-1718	2.4	44
29	Ecosystem response to earlier ice break-up date: Climate-driven changes to water temperature, lake-habitat-specific production, and trout habitat and resource use. *Global Change Biology*, **2020**, 26, 5475-5491	11.4	15
28	A 3D individual-based aquatic transport model for the assessment of the potential dispersal of planktonic larvae of an invasive bivalve. *Journal of Environmental Management*, **2014**, 145, 330-40	7.9	11
27	Communities associated with the Functional Process Zone scale: A case study of stream macroinvertebrates in endorheic drainages. *Science of the Total Environment*, **2019**, 677, 184-193	10.2	10
26	Blue Waters, Green Bottoms: Benthic Filamentous Algal Blooms Are an Emerging Threat to Clear Lakes Worldwide. *BioScience*, **2021**, 71, 1011-1027	5.7	10
25	Variation in reciprocal subsidies between lakes and land: perspectives from the mountains of California. *Canadian Journal of Fisheries and Aquatic Sciences*, **2016**, 73, 1691-1701	2.4	9
24	Anthropogenic and climatic influences on the diatom flora within the Fallen Leaf Lake watershed, Lake Tahoe Basin, California over the last millennium. *Journal of Paleolimnology*, **2018**, 59, 159-173	2.1	8
23	Macrosystems as metacoupled human and natural systems. *Frontiers in Ecology and the Environment*, **2021**, 19, 20-29	5.5	8
22	Population connectivity of adfluvial and stream-resident Lahontan cutthroat trout: implications for resilience, management, and restoration. *Canadian Journal of Fisheries and Aquatic Sciences*, **2019**, 76, 426-437	2.4	6
21	Successful survival, growth, and reproductive potential of quagga mussels in low calcium lake water: is there uncertainty of establishment risk?. *PeerJ*, **2015**, 3, e1276	3.1	6
20	Patterns in benthic biodiversity link lake trophic status to structure and potential function of three large, deep lakes. *PLoS ONE*, **2015**, 10, e0117024	3.7	5

19	Smoke from regional wildfires alters lake ecology. *Scientific Reports*, **2021**, 11, 10922	4.9	5
18	Drivers and projections of ice phenology in mountain lakes in the western United States. *Limnology and Oceanography*, **2021**, 66, 995-1008	4.8	5
17	Macrosystems revisited: challenges and successes in a new subdiscipline of ecology. *Frontiers in Ecology and the Environment*, **2021**, 19, 4-10	5.5	5
16	Understanding mountain lakes in a changing world: introduction to the topical collection. *Aquatic Sciences*, **2020**, 82, 1	2.5	4
15	Water Quality Degradation in the Lower Mekong Basin. *Water (Switzerland)*, **2021**, 13, 1555	3	4
14	A framework for lotic macrosystem research. *Ecosphere*, **2021**, 12, e03342	3.1	3
13	Socioeconomic and Environmental Proxies for Comparing Freshwater Ecosystem Service Threats across International Sites: A Diagnostic Approach. *Water (Switzerland)*, **2018**, 10, 1578	3	3
12	Estimating pelagic primary production in lakes: Comparison of 14 C incubation and free-water O 2 approaches. *Limnology and Oceanography: Methods*, **2022**, 20, 34-45	2.6	2
11	Population dynamics of threatened Lahontan cutthroat trout in Summit Lake, Nevada. *Scientific Reports*, **2020**, 10, 9184	4.9	2
10	Changing Land Use and Population Density Are Degrading Water Quality in the Lower Mekong Basin. *Water (Switzerland)*, **2021**, 13, 1948	3	2
9	Respiration in rivers fractionates stable isotopes of dissolved oxygen; a global investigation on the influences of temperature and flow. *Biogeochemistry*, **2020**, 147, 199-210	3.8	1
8	Hydroclimate Variability Affects Habitat-Specific (Open Water and Littoral) Lake Metabolism. *Water Resources Research*, **2022**, 58,	5.4	1
7	Daily otolith ring validation, age composition, and origin of the endangered striped catfish in the Mekong. *Global Ecology and Conservation*, **2022**, 33, e01953	2.8	1
6	Hierarchical genetic structure and implications for conservation of the world's largest salmonid, Hucho taimen. *Scientific Reports*, **2021**, 11, 20508	4.9	0
5	Fishing Methods Matter: Comparing the Community and Trait Composition of the Dai (Bagnet) and Gillnet Fisheries in the Tonle Sap River in Southeast Asia. *Water (Switzerland)*, **2021**, 13, 1904	3	0
4	How do methodological choices influence estimation of river metabolism?. *Limnology and Oceanography: Methods*, **2021**, 19, 659-672	2.6	0
3	Our New Biological Future? The Influence of Climate Change on the Vulnerability of Lakes to Invasion by Non-Native Species255-270		
2	A 450-year record of environmental change from Castle Lake, California (USA), inferred from diatoms and organic geochemistry. *Journal of Paleolimnology*, **2021**, 65, 201-217	2.1	

1 Wildfire Smoke Effects on Lake-Habitat Specific Metabolism: Toward a Conceptual Understanding. *Geophysical Research Letters*, **2022**, 49, 4·9