

# Sudeep Chandra

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Hydroclimate Variability Affects Habitat-Specific (Open Water and Littoral) Lake Metabolism. <i>Water Resources Research</i> , <b>2022</b> , 58,	5.4	1
35	Daily otolith ring validation, age composition, and origin of the endangered striped catfish in the Mekong. <i>Global Ecology and Conservation</i> , <b>2022</b> , 33, e01953	2.8	1
34	Estimating pelagic primary production in lakes: Comparison of 14 C incubation and free-water O <sub>2</sub> approaches. <i>Limnology and Oceanography: Methods</i> , <b>2022</b> , 20, 34-45	2.6	2
33	Wildfire Smoke Effects on Lake-Habitat Specific Metabolism: Toward a Conceptual Understanding. <i>Geophysical Research Letters</i> , <b>2022</b> , 49,	4.9	
32	Hierarchical genetic structure and implications for conservation of the world's largest salmonid, Hucho taimen. <i>Scientific Reports</i> , <b>2021</b> , 11, 20508	4.9	0
31	Smoke from regional wildfires alters lake ecology. <i>Scientific Reports</i> , <b>2021</b> , 11, 10922	4.9	5
30	Water Quality Degradation in the Lower Mekong Basin. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1555	3	4
29	Widespread deoxygenation of temperate lakes. <i>Nature</i> , <b>2021</b> , 594, 66-70	50.4	49
28	Changing Land Use and Population Density Are Degrading Water Quality in the Lower Mekong Basin. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1948	3	2
27	A 450-year record of environmental change from Castle Lake, California (USA), inferred from diatoms and organic geochemistry. <i>Journal of Paleolimnology</i> , <b>2021</b> , 65, 201-217	2.1	
26	Drivers and projections of ice phenology in mountain lakes in the western United States. <i>Limnology and Oceanography</i> , <b>2021</b> , 66, 995-1008	4.8	5
25	A framework for lotic macrosystem research. <i>Ecosphere</i> , <b>2021</b> , 12, e03342	3.1	3
24	Macrosystems revisited: challenges and successes in a new subdiscipline of ecology. <i>Frontiers in Ecology and the Environment</i> , <b>2021</b> , 19, 4-10	5.5	5
23	Macrosystems as metacoupled human and natural systems. <i>Frontiers in Ecology and the Environment</i> , <b>2021</b> , 19, 20-29	5.5	8
22	Blue Waters, Green Bottoms: Benthic Filamentous Algal Blooms Are an Emerging Threat to Clear Lakes Worldwide. <i>BioScience</i> , <b>2021</b> , 71, 1011-1027	5.7	10
21	Fishing Methods Matter: Comparing the Community and Trait Composition of the Dai (Bagnet) and Gillnet Fisheries in the Tonle Sap River in Southeast Asia. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1904	3	0
20	How do methodological choices influence estimation of river metabolism?. <i>Limnology and Oceanography: Methods</i> , <b>2021</b> , 19, 659-672	2.6	0

19	Ecosystem response to earlier ice break-up date: Climate-driven changes to water temperature, lake-habitat-specific production, and trout habitat and resource use. <i>Global Change Biology</i> , <b>2020</b> , 26, 5475-5491	11.4	15
18	Respiration in rivers fractionates stable isotopes of dissolved oxygen; a global investigation on the influences of temperature and flow. <i>Biogeochemistry</i> , <b>2020</b> , 147, 199-210	3.8	1
17	Understanding mountain lakes in a changing world: introduction to the topical collection. <i>Aquatic Sciences</i> , <b>2020</b> , 82, 1	2.5	4
16	Population dynamics of threatened Lahontan cutthroat trout in Summit Lake, Nevada. <i>Scientific Reports</i> , <b>2020</b> , 10, 9184	4.9	2
15	Communities associated with the Functional Process Zone scale: A case study of stream macroinvertebrates in endorheic drainages. <i>Science of the Total Environment</i> , <b>2019</b> , 677, 184-193	10.2	10
14	Population connectivity of adfluvial and stream-resident Lahontan cutthroat trout: implications for resilience, management, and restoration. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2019</b> , 76, 426-437	2.4	6
13	Anthropogenic and climatic influences on the diatom flora within the Fallen Leaf Lake watershed, Lake Tahoe Basin, California over the last millennium. <i>Journal of Paleolimnology</i> , <b>2018</b> , 59, 159-173	2.1	8
12	Socioeconomic and Environmental Proxies for Comparing Freshwater Ecosystem Service Threats across International Sites: A Diagnostic Approach. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 1578	3	3
11	Environmental DNA (eDNA) detects the invasive crayfishes <i>Orconectes rusticus</i> and <i>Pacifastacus leniusculus</i> in large lakes of North America. <i>Hydrobiologia</i> , <b>2017</b> , 800, 173-185	2.4	54
10	How important are terrestrial organic carbon inputs for secondary production in freshwater ecosystems?. <i>Freshwater Biology</i> , <b>2017</b> , 62, 833-853	3.1	175
9	Variation in reciprocal subsidies between lakes and land: perspectives from the mountains of California. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2016</b> , 73, 1691-1701	2.4	9
8	Sentinel responses to droughts, wildfires, and floods: effects of UV radiation on lakes and their ecosystem services. <i>Frontiers in Ecology and the Environment</i> , <b>2016</b> , 14, 102-109	5.5	50
7	Patterns in benthic biodiversity link lake trophic status to structure and potential function of three large, deep lakes. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117024	3.7	5
6	Successful survival, growth, and reproductive potential of quagga mussels in low calcium lake water: is there uncertainty of establishment risk?. <i>PeerJ</i> , <b>2015</b> , 3, e1276	3.1	6
5	A 3D individual-based aquatic transport model for the assessment of the potential dispersal of planktonic larvae of an invasive bivalve. <i>Journal of Environmental Management</i> , <b>2014</b> , 145, 330-40	7.9	11
4	Fish Reliance on Littoral Benthic Resources and the Distribution of Primary Production in Lakes. <i>Ecosystems</i> , <b>2011</b> , 14, 894-903	3.9	81
3	Evaluating recreational fisheries for an endangered species: a case study of taimen, <i>Hucho taimen</i> , in Mongolia. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2009</b> , 66, 1707-1718	2.4	44
2	Efficiencies of benthic and pelagic trophic pathways in a subalpine lake. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2006</b> , 63, 2608-2620	2.4	109

- 1 Our New Biological Future? The Influence of Climate Change on the Vulnerability of Lakes to Invasion by Non-Native Species 255-270