

Handong Yang

List of Publications by Year in descending order

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39
papers

1,525
citations

361413
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345221
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docs citations

39
times ranked

2089
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term dynamics of submerged macrophytes and algae in a small and shallow, eutrophic lake: implications for the stability of macrophyte dominance. <i>Freshwater Biology</i> , 2010, 55, 565-583.	2.4	157
2	Trace element pollution records in some UK lake sediments, their history, influence factors and regional differences. <i>Environment International</i> , 2005, 31, 63-75.	10.0	121
3	Historical Reconstruction of Mercury Pollution Across the Tibetan Plateau Using Lake Sediments. <i>Environmental Science & Technology</i> , 2010, 44, 2918-2924.	10.0	121
4	An assessment of the mechanisms for the transfer of lead and mercury from atmospherically contaminated organic soils to lake sediments with particular reference to Scotland, UK. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 82, 113-135.	3.9	116
5	Mercury and Lead Budgets for Lochnagar, a Scottish Mountain Lake and Its Catchment. <i>Environmental Science & Technology</i> , 2002, 36, 1383-1388.	10.0	115
6	Tracking eutrophication in Taihu Lake using the diatom record: potential and problems. <i>Journal of Paleolimnology</i> , 2008, 40, 413-429.	1.6	107
7	Distribution of mercury in six lake sediment cores across the UK. <i>Science of the Total Environment</i> , 2003, 304, 391-404.	8.0	85
8	Distribution of some trace metals in Lochnagar, a Scottish mountain lake ecosystem and its catchment. <i>Science of the Total Environment</i> , 2002, 285, 197-208.	8.0	76
9	Sedimentary records of polycyclic aromatic hydrocarbons (PAHs) in remote lakes across the Tibetan Plateau. <i>Environmental Pollution</i> , 2016, 214, 1-7.	7.5	64
10	Recent Changes in Atmospheric Mercury Deposition Recorded in the Sediments of Remote Equatorial Lakes in the Rwenzori Mountains, Uganda. <i>Environmental Science & Technology</i> , 2010, 44, 6570-6575.	10.0	63
11	The Holocene thermal maximum and late-Holocene cooling in the tundra of NE European Russia. <i>Quaternary Research</i> , 2011, 75, 501-511.	1.7	59
12	Sedimentary evidence for recent increases in production in Tibetan plateau lakes. <i>Hydrobiologia</i> , 2010, 648, 175-187.	2.0	38
13	Hexabromocyclododecanes, polybrominated diphenyl ethers, and polychlorinated biphenyls in radiometrically dated sediment cores from English lakes, ~ 1950–present. <i>Science of the Total Environment</i> , 2016, 541, 721-728.	8.0	37
14	One-century sediment records of heavy metal pollution on the southeast Mongolian Plateau: Implications for air pollution trend in China. <i>Chemosphere</i> , 2019, 220, 539-545.	8.2	32
15	Spatial and Temporal Patterns in Black Carbon Deposition to Dated Fennoscandian Arctic Lake Sediments from 1830 to 2010. <i>Environmental Science & Technology</i> , 2015, 49, 13954-13963.	10.0	30
16	Diatom–environment relationships and a transfer function for conductivity in lakes of the Badain Jaran Desert, Inner Mongolia, China. <i>Journal of Paleolimnology</i> , 2013, 50, 207-229.	1.6	28
17	Use of lead-210 as a novel tracer for lead (Pb) sources in plants. <i>Scientific Reports</i> , 2016, 6, 21707.	3.3	23
18	Mercury pollution in the lake sediments and catchment soils of anthropogenically-disturbed sites across England. <i>Environmental Pollution</i> , 2016, 219, 1092-1101.	7.5	23

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19	Lake Sediments May Not Faithfully Record Decline of Atmospheric Pollutant Deposition. <i>Environmental Science & Technology</i> , 2015, 49, 12607-12608.	10.0	22
20	Sedimentary biogeochemical record in Lake Gonghai: Implications for recent lake changes in relatively remote areas of China. <i>Science of the Total Environment</i> , 2019, 649, 929-937.	8.0	20
21	Radiometric dating for recent lake sediments on the Tibetan Plateau. <i>Hydrobiologia</i> , 2013, 713, 73-86.	2.0	19
22	Spatiotemporal trends of atmospheric Pb over the last century across inland China. <i>Science of the Total Environment</i> , 2020, 729, 138399.	8.0	19
23	Evidence of global pollution and recent environmental change in Kamchatka, Russia. <i>Global and Planetary Change</i> , 2015, 134, 82-90.	3.5	18
24	Historical mercury contamination in sediments and catchment soils of Diss Mere, UK. <i>Environmental Pollution</i> , 2010, 158, 2504-2510.	7.5	16
25	Natural archives of long-range transported contamination at the remote lake Letšeng-la Letsie, Maloti Mountains, Lesotho. <i>Science of the Total Environment</i> , 2020, 737, 139642.	8.0	16
26	Decline in atmospheric mercury deposition in London. <i>Journal of Environmental Monitoring</i> , 2009, 11, 1518.	2.1	14
27	Use of the mercury record in Red Tarn sediments to reveal air pollution history and the implications of catchment erosion. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 2554-2563.	3.5	13
28	Assessing human impact on Rostherne Mere, UK, using the geochemistry of organic matter. <i>Anthropocene</i> , 2018, 21, 52-65.	3.3	12
29	Palaeotoxicity: reconstructing the risk of multiple sedimentary pollutants to freshwater organisms. <i>Environmental Geochemistry and Health</i> , 2018, 40, 1667-1682.	3.4	11
30	Historical trends of organochlorine pesticides (OCPs) recorded in sediments across the Tibetan Plateau. <i>Environmental Geochemistry and Health</i> , 2018, 40, 303-312.	3.4	11
31	A century of limnological evolution and interactive threats in the Panama Canal: Long-term assessments from a shallow basin. <i>Science of the Total Environment</i> , 2020, 729, 138444.	8.0	11
32	Revisiting afro-alpine Lake Garba Guracha in the Bale Mountains of Ethiopia: rationale, chronology, geochemistry, and paleoenvironmental implications. <i>Journal of Paleolimnology</i> , 2020, 64, 293-314.	1.6	9
33	Legacy Lead Stored in Catchments Is the Dominant Source for Lakes in the U.K.: Evidence from Atmospherically Derived ²¹⁰ Pb. <i>Environmental Science & Technology</i> , 2018, 52, 14070-14077.	10.0	8
34	Temporal trends in radiometrically dated sediment cores from English lakes show polybrominated diphenyl ethers correlate with brominated but not mixed bromo/chloro dioxins and furans. <i>Science of the Total Environment</i> , 2021, 762, 143118.	8.0	5
35	Identifying sediment discontinuities and solving dating puzzles using monitoring and palaeolimnological records. <i>Frontiers of Earth Science</i> , 2016, 10, 621-633.	2.1	4
36	Imprints of the Little Ice Age and the severe earthquake of AD 2001 on the aquatic ecosystem of a tropical maar lake in El Salvador. <i>Holocene</i> , 2022, 32, 1065-1080.	1.7	2

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37	A gradient of mercury concentrations in Scottish single malt whiskies. Environmental Geochemistry and Health, 2016, 38, 309-313.	3.4	0
38	Comment on "Anthropogenic-drive alterations in black carbon sequestration and the structure in a deep plateau lake". Environmental Science & Technology, 2021, 55, 12126-12127.	10.0	0
39	A summary of the paper "Natural archives of long-range transported contamination at the remote lake Letšeng-la Letsie, Maloti Mountains, Lesotho". Clean Air Journal, 2020, 30, .	0.5	0