

Asit Mazumder

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

3,820
citations

147801

31
h-index

123424

61
g-index

65
all docs

65
docs citations

65
times ranked

4851
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Testing household preferences for the importance of the frequency and severity of water quality impairment. Canadian Water Resources Journal, 2021, 46, 153-167. | 1.2 | 2 |
| 2 | Infectivity of SARS-CoV-2 and Other Coronaviruses on Dry Surfaces: Potential for Indirect Transmission. Materials, 2020, 13, 5211. | 2.9 | 57 |
| 3 | Potential risk of mercury to human health in three species of fish from the southern Caspian Sea. Marine Pollution Bulletin, 2018, 130, 1-5. | 5.0 | 22 |
| 4 | Impacts of rapid urbanization on the water quality and macroinvertebrate communities of streams: A case study in Liangjiang New Area, China. Science of the Total Environment, 2018, 621, 1601-1614. | 8.0 | 101 |
| 5 | Organochlorine pesticides in two fish species from the southern Caspian Sea. Marine Pollution Bulletin, 2018, 133, 289-293. | 5.0 | 14 |
| 6 | Overwinter shifts in the feeding ecology of juvenile Chinook salmon. ICES Journal of Marine Science, 2017, 74, 226-233. | 2.5 | 12 |
| 7 | Hitting the moving target: modelling ontogenetic shifts with stable isotopes reveals the importance of isotopic turnover. Journal of Animal Ecology, 2016, 85, 681-691. | 2.8 | 34 |
| 8 | Pharmaceutical concentrations in screened municipal wastewaters in Victoria, British Columbia: A comparison with prescription rates and predicted concentrations. Environmental Toxicology and Chemistry, 2016, 35, 919-929. | 4.3 | 8 |
| 9 | Seasonal and diurnal dynamics of physicochemical parameters and gas production in vertical water column of a eutrophic pond. Ecological Engineering, 2016, 87, 313-323. | 3.6 | 18 |
| 10 | Pathogenic Potential, Genetic Diversity, and Population Structure of Escherichia coli Strains Isolated from a Forest-Dominated Watershed (Comox Lake) in British Columbia, Canada. Applied and Environmental Microbiology, 2015, 81, 1788-1798. | 3.1 | 23 |
| 11 | Temperature effects on body size of freshwater crustacean zooplankton from Greenland to the tropics. Hydrobiologia, 2015, 743, 27-35. | 2.0 | 53 |
| 12 | Occurrence of Diarrheagenic Virulence Genes and Genetic Diversity in <i>Escherichia coli</i> Isolates from Fecal Material of Various Avian Hosts in British Columbia, Canada. Applied and Environmental Microbiology, 2014, 80, 1933-1940. | 3.1 | 24 |
| 13 | Prevalence of Diarrhea-Associated Virulence Genes and Genetic Diversity in <i>Escherichia coli</i> Isolates from Fecal Material of Various Animal Hosts. Applied and Environmental Microbiology, 2013, 79, 7371-7380. | 3.1 | 50 |
| 14 | Spatial scale of land-use impacts on riverine drinking source water quality. Water Resources Research, 2013, 49, 1591-1601. | 4.2 | 35 |
| 15 | Adaptation and evaluation of the Canadian Council of Ministers of the Environment Water Quality Index (CCME-WQI) for use as an effective tool to characterize drinking source water quality. Water Research, 2012, 46, 3544-3552. | 11.3 | 164 |
| 16 | The influence of land-use composition on fecal contamination of riverine source water in southern British Columbia. Water Resources Research, 2012, 48, . | 4.2 | 15 |
| 17 | Model Assessment of Cattle and Climate Impacts on Stream Fecal Coliform Pollution in the Salmon River Watershed, British Columbia, Canada. Water, Air, and Soil Pollution, 2011, 215, 155-176. | 2.4 | 8 |
| 18 | Temporal discontinuity of nutrient limitation in plankton communities. Aquatic Sciences, 2010, 72, 393-402. | 1.5 | 15 |

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|----|---|------|-----------|
| 19 | Deciphering the Seasonal Cycle of Copepod Trophic Dynamics in the Strait of Georgia, Canada, Using Stable Isotopes and Fatty Acids. <i>Estuaries and Coasts</i> , 2010, 33, 738-752. | 2.2 | 30 |
| 20 | Specialization of trophic position and habitat use by sticklebacks in an adaptive radiation. <i>Ecology</i> , 2010, 91, 1025-1034. | 3.2 | 115 |
| 21 | Anthropogenic disturbance history influences the temporal coherence of paleoproductivity in two lakes. <i>Journal of Paleolimnology</i> , 2009, 42, 167-181. | 1.6 | 9 |
| 22 | Characterizing dietary variability and trophic positions of coastal calanoid copepods: insight from stable isotopes and fatty acids. <i>Marine Biology</i> , 2009, 156, 225-237. | 1.5 | 119 |
| 23 | Natural pedagogical conversations in high school students' internship. <i>Journal of Research in Science Teaching</i> , 2009, 46, 481-505. | 3.3 | 20 |
| 24 | Relative importance of endogenous and exogenous mechanisms in maintaining phytoplankton species diversity. <i>Ecoscience</i> , 2009, 16, 429-440. | 1.4 | 10 |
| 25 | Development of a methodology utilizing gas chromatography ion-trap tandem mass spectrometry for the determination of low levels of caffeine in surface marine and freshwater samples. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 2635-2646. | 3.7 | 24 |
| 26 | Detecting trophic level variation in consumer assemblages. <i>Freshwater Biology</i> , 2008, 53, 1942-1953. | 2.4 | 24 |
| 27 | Yield of trihalomethanes and haloacetic acids upon chlorinating algal cells, and its prediction via algal cellular biochemical composition. <i>Water Research</i> , 2008, 42, 4941-4948. | 11.3 | 106 |
| 28 | Essential versus potentially toxic dietary substances: A seasonal comparison of essential fatty acids and methyl mercury concentrations in the planktonic food web. <i>Environmental Pollution</i> , 2008, 155, 262-270. | 7.5 | 28 |
| 29 | Terrestrial carbon contribution to lake food webs: could the classical stable isotope approach be misleading?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2008, 65, 2719-2727. | 1.4 | 9 |
| 30 | Relationship between phytoplankton paleoproduction and diversity in contrasting trophic states. <i>Aquatic Ecosystem Health and Management</i> , 2008, 11, 78-90. | 0.6 | 6 |
| 31 | Lipid extraction has little effect on the $\delta^{15}\text{N}$ of aquatic consumers. <i>Limnology and Oceanography: Methods</i> , 2007, 5, 338-342. | 2.0 | 54 |
| 32 | Distinguishing trophic variation from seasonal and size-based isotopic ($\delta^{15}\text{N}$) variation of zooplankton. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 74-83. | 1.4 | 24 |
| 33 | Planktonic phosphorus pool sizes and cycling efficiency in coastal and interior British Columbia lakes. <i>Freshwater Biology</i> , 2007, 52, 860-877. | 2.4 | 18 |
| 34 | Comparison of five rep-PCR genomic fingerprinting methods for differentiation of fecal <i>Escherichia coli</i> from humans, poultry and wild birds. <i>FEMS Microbiology Letters</i> , 2007, 277, 98-106. | 1.8 | 95 |
| 35 | Ion Export from a Small British Columbia Watershed After Forest Harvesting. <i>Water Quality Research Journal of Canada</i> , 2007, 42, 162-171. | 2.7 | 3 |
| 36 | HABITAT SPECIALIZATION AND THE EXPLOITATION OF ALLOCHTHONOUS CARBON BY ZOOPLANKTON. <i>Ecology</i> , 2006, 87, 2800-2812. | 3.2 | 49 |

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|----|--|------|-----------|
| 37 | Carbon pathways to zooplankton: insights from the combined use of stable isotope and fatty acid biomarkers. <i>Freshwater Biology</i> , 2006, 51, 2041-2051. | 2.4 | 49 |
| 38 | Determination of acidic drugs and caffeine in municipal wastewaters and receiving waters by gas chromatography-ion trap tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1116, 193-203. | 3.7 | 155 |
| 39 | Bioaccumulation patterns of methyl mercury and essential fatty acids in lacustrine planktonic food webs and fish. <i>Science of the Total Environment</i> , 2006, 368, 271-282. | 8.0 | 54 |
| 40 | Temporal variation in body composition (C : N) helps explain seasonal patterns of zooplankton $\delta^{13}C$. <i>Freshwater Biology</i> , 2005, 50, 502-515. | 2.4 | 81 |
| 41 | Consequences of large temporal variability of zooplankton $\delta^{15}N$ for modeling fish trophic position and variation. <i>Limnology and Oceanography</i> , 2005, 50, 1404-1414. | 3.1 | 42 |
| 42 | Effect of Algal and Bacterial Diet on Methyl Mercury Concentrations in Zooplankton. <i>Environmental Science & Technology</i> , 2005, 39, 1666-1672. | 10.0 | 74 |
| 43 | Effects of Water Level Fluctuation and Short-Term Climate Variation on Thermal and Stratification Regimes of a British Columbia Reservoir and Lake. <i>Lake and Reservoir Management</i> , 2004, 20, 91-109. | 1.3 | 58 |
| 44 | A critical evaluation of intrapopulation variation of $\delta^{13}C$ and isotopic evidence of individual specialization. <i>Oecologia</i> , 2004, 140, 361-371. | 2.0 | 143 |
| 45 | Source tracking fecal bacteria in water: a critical review of current methods. <i>Journal of Environmental Management</i> , 2004, 73, 71-79. | 7.8 | 205 |
| 46 | Temporal changes in nitrogen and phosphorus codeficiency of plankton in lakes of coastal and interior British Columbia. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2004, 61, 1538-1551. | 1.4 | 22 |
| 47 | Essential fatty acids in the planktonic food web and their ecological role for higher trophic levels. <i>Limnology and Oceanography</i> , 2004, 49, 1784-1793. | 3.1 | 272 |
| 48 | Compositional and interlake variability of zooplankton affect baseline stable isotope signatures. <i>Limnology and Oceanography</i> , 2003, 48, 1977-1987. | 3.1 | 82 |
| 49 | Impact of fertilization and stocking on trophic interactions and growth of juvenile sockeye salmon (<i>Oncorhynchus nerka</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2002, 59, 1361-1373. | 1.4 | 26 |
| 50 | Photosynthetic carbon allocation: Effects of planktivorous fish and nutrient enrichment. , 2002, 64, 217-238. | | 5 |
| 51 | Effects of nutrient loading and planktivory on the accumulation of organochlorine pesticides in aquatic food chains. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 1312-1319. | 4.3 | 12 |
| 52 | MICROCOSM EXPERIMENTS HAVE LIMITED RELEVANCE FOR COMMUNITY AND ECOSYSTEM ECOLOGY: COMMENT. <i>Ecology</i> , 1999, 80, 1081-1085. | 3.2 | 69 |
| 53 | REVERSAL OF GRAZING IMPACT ON PLANT SPECIES RICHNESS IN NUTRIENT-POOR VS. NUTRIENT-RICH ECOSYSTEMS. <i>Ecology</i> , 1998, 79, 2581-2592. | 3.2 | 475 |
| 54 | Nutrient-chlorophyll-Secchi relationships under contrasting grazer communities of temperate versus subtropical lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1998, 55, 1652-1662. | 1.4 | 75 |

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|----|---|-----|-----------|
| 55 | Phosphorus-Chlorophyll Relationships under Contrasting Herbivory and Thermal Stratification: Predictions and Patterns. Canadian Journal of Fisheries and Aquatic Sciences, 1994, 51, 390-400. | 1.4 | 120 |
| 56 | Patterns of Algal Biomass in Dominant Odd- vs. Even-Link Lake Ecosystems. Ecology, 1994, 75, 1141-1149. | 3.2 | 119 |
| 57 | Consumer-dependent responses of lake ecosystems to nutrient loading. Journal of Plankton Research, 1994, 16, 1567-1580. | 1.8 | 28 |
| 58 | Phosphorus-Chlorophyll Relationships under Contrasting Zooplankton Community Structure: Potential Mechanisms. Canadian Journal of Fisheries and Aquatic Sciences, 1994, 51, 401-407. | 1.4 | 53 |
| 59 | Thermal structure of lakes varying in size and water clarity. Limnology and Oceanography, 1994, 39, 968-976. | 3.1 | 121 |
| 60 | Dominance of Small Filter Feeding Zooplankton in the Lake Ontario Foodweb. Journal of Great Lakes Research, 1992, 18, 456-466. | 1.9 | 26 |
| 61 | A comparison of lakes and lake enclosures with contrasting abundances of planktivorous fish. Journal of Plankton Research, 1990, 12, 109-124. | 1.8 | 45 |