# Antonia Liess

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7926204/publications.pdf

Version: 2024-02-01

| 34 | 1,243 | 394421 19 | 454955 30 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 34 | 34 | 34 | 1609 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Light, nutrients and grazing interact to determine stream diatom community composition and functional group structure. Freshwater Biology, 2011, 56, 264-278. | 2.4 | 160 |
| 2 | Invited review: Direct and indirect effects in herbivore - periphyton interactions. Archiv FÃ¼r Hydrobiologie, 2004, 159, 433-453. | 1.1 | 100 |
| 3 | Toward a stoichiometric framework for evolutionary biology. Oikos, 2005, 109, 6-17. | 2.7 | 95 |
| 4 | Impact of nitrogen deposition on forest and lake food webs in nitrogenâ€limited environments. Global Change Biology, 2016, 22, 164-179. | 9.5 | 93 |
| 5 | Stoichiometric variation in C:N, C:P, and N:P ratios of littoral benthic invertebrates. Journal of the North American Benthological Society, 2005, 24, 256-269. | 3.1 | 83 |
| 6 | Light, nutrients and grazing interact to determine diatom species richness via changes to productivity, nutrient state and grazer activity. Journal of Ecology, 2009, 97, 326-336. | 4.0 | 83 |
| 7 | Effects of macrograzers and light on periphyton stoichiometry. Oikos, 2004, 106, 93-104. | 2.7 | 65 |
| 8 | Role of nutrient supply in grazerâ€“periphyton interactions: reciprocal influences of periphyton and grazer nutrient stoichiometry. Journal of the North American Benthological Society, 2006, 25, 632-642. | 3.1 | 55 |
| 9 | Ecological stoichiometry of indirect grazer effects on periphyton nutrient content. Oecologia, 2008, 155, 619-630. | 2.0 | 50 |
| 10 | Ecological stoichiometry of Eurasian perch â€“ intraspecific variation due to size, habitat and diet. Oikos, 2011, 120, 886-896. | 2.7 | 46 |
| 11 | Hot tadpoles from cold environments need more nutrients â€“ life history and stoichiometry reflects latitudinal adaptation. Journal of Animal Ecology, 2013, 82, 1316-1325. | 2.8 | 39 |
| 12 | Periphyton responds differentially to nutrients recycled in dissolved or faecal pellet form by the snail grazer Theodoxus fluviatilis. Freshwater Biology, 2007, 52, 1997-2008. | 2.4 | 38 |
| 13 | Local factors control the community composition of cyanobacteria in lakes while heterotrophic bacteria follow a neutral model. Freshwater Biology, 2010, 55, 2447-2457. | 2.4 | 34 |
| 14 | Gastropod grazers and nutrients, but not light, interact in determining periphytic algal diversity. Oecologia, 2007, 152, 101-111. | 2.0 | 31 |
| 15 | Atmospheric nitrogenâ€deposition may intensify phosphorus limitation of shallow epilithic periphyton in unproductive lakes. Freshwater Biology, 2009, 54, 1759-1773. | 2.4 | 30 |
| 16 | Landuse intensity in stream catchments affects the benthic food web: consequences for nutrient supply, periphyton C:nutrient ratios, and invertebrate richness and abundance. Freshwater Science, 2012, 31, 813-824. | 1.8 | 28 |
| 17 | Gastropod grazers affect periphyton nutrient stoichiometry by changing benthic algal taxonomy and through differential nutrient uptake. Journal of the North American Benthological Society, 2009, 28, 283-293. | 3.1 | 27 |
| 18 | Quality assurance of diatom counts in Europe: towards harmonized datasets. Hydrobiologia, 2016, 772, 1-14. | 2.0 | 27 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Compensatory feeding and low nutrient assimilation efficiencies lead to high nutrient turnover in nitrogen-limited snails. Freshwater Science, 2014, 33, 425-434. | 1.8 | 20 |
| 20 | Cool tadpoles from <scp>A</scp>rctic environments waste fewer nutrients â€“ high gross growth efficiencies lead to low consumerâ€mediated nutrient recycling in the North. Journal of Animal Ecology, 2015, 84, 1744-1756. | 2.8 | 19 |
| 21 | Effects of enrichment on protist abundances and bacterial composition in simple microbial communities. Oikos, 2006, 114, 15-26. | 2.7 | 17 |
| 22 | Simulated terrestrial runoff triggered a phytoplankton succession and changed seston stoichiometry in coastal lagoon mesocosms. Marine Environmental Research, 2016, 119, 40-50. | 2.5 | 17 |
| 23 | The snail Potamopyrgus antipodarum grows faster and is more active in the shade, independent of food quality. Oecologia, 2011, 167, 85-96. | 2.0 | 16 |
| 24 | Climate change will alter amphibianâ€mediated nutrient pathways: evidence from Rana temporaria tadpoles in experimental ponds. Freshwater Biology, 2016, 61, 472-485. | 2.4 | 16 |
| 25 | Food web complexity affects stoichiometric and trophic interactions. Oikos, 2006, 114, 117-125. | 2.7 | 13 |
| 26 | Terrestrial runoff boosts phytoplankton in a Mediterranean coastal lagoon, but these effects do not propagate to higher trophic levels. Hydrobiologia, 2016, 766, 275-291. | 2.0 | 12 |
| 27 | Inverse relationship of epilithic algae and pelagic phosphorus in unproductive lakes: Roles of N<sub>2</sub> fixers and light. Freshwater Biology, 2018, 63, 662-675. | 2.4 | 11 |
| 28 | Terrestrial runoff may reduce microbenthic net community productivity by increasing turbidity: a Mediterranean coastal lagoon mesocosm experiment. Hydrobiologia, 2015, 753, 205-218. | 2.0 | 10 |
| 29 | Substratum-Associated Microbiota. Water Environment Research, 2016, 88, 1637-1671. | 2.7 | 7 |
| 30 | Substratum-Associated Microbiota. Water Environment Research, 2012, 84, 1658-1690. | 2.7 | 1 |
| 31 | Substratum-Associated Microbiota. Water Environment Research, 2010, 82, 1903-1944. | 2.7 | 0 |
| 32 | Substratum-Associated Microbiota. Water Environment Research, 2011, 83, 1704-1732. | 2.7 | 0 |
| 33 | Substratum-Associated Microbiota. Water Environment Research, 2014, 86, 1774-1831. | 2.7 | 0 |
| 34 | Substratum-Associated Microbiota. Water Environment Research, 2015, 87, 1611-1678. | 2.7 | 0 |