

Antonia Liess

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,243
citations

393982

19
h-index

454577

30
g-index

34
all docs

34
docs citations

34
times ranked

1609
citing authors

#	ARTICLE	IF	CITATIONS
1	Light, nutrients and grazing interact to determine stream diatom community composition and functional group structure. <i>Freshwater Biology</i> , 2011, 56, 264-278.	1.2	160
2	Invited review: Direct and indirect effects in herbivore - periphyton interactions. <i>Archiv für Hydrobiologie</i> , 2004, 159, 433-453.	1.1	100
3	Toward a stoichiometric framework for evolutionary biology. <i>Oikos</i> , 2005, 109, 6-17.	1.2	95
4	Impact of nitrogen deposition on forest and lake food webs in nitrogen-limited environments. <i>Global Change Biology</i> , 2016, 22, 164-179.	4.2	93
5	Stoichiometric variation in C:N, C:P, and N:P ratios of littoral benthic invertebrates. <i>Journal of the North American Benthological Society</i> , 2005, 24, 256-269.	3.0	83
6	Light, nutrients and grazing interact to determine diatom species richness via changes to productivity, nutrient state and grazer activity. <i>Journal of Ecology</i> , 2009, 97, 326-336.	1.9	83
7	Effects of macrograzers and light on periphyton stoichiometry. <i>Oikos</i> , 2004, 106, 93-104.	1.2	65
8	Role of nutrient supply in grazer-periphyton interactions: reciprocal influences of periphyton and grazer nutrient stoichiometry. <i>Journal of the North American Benthological Society</i> , 2006, 25, 632-642.	3.0	55
9	Ecological stoichiometry of indirect grazer effects on periphyton nutrient content. <i>Oecologia</i> , 2008, 155, 619-630.	0.9	50
10	Ecological stoichiometry of Eurasian perch - intraspecific variation due to size, habitat and diet. <i>Oikos</i> , 2011, 120, 886-896.	1.2	46
11	Hot tadpoles from cold environments need more nutrients - life history and stoichiometry reflects latitudinal adaptation. <i>Journal of Animal Ecology</i> , 2013, 82, 1316-1325.	1.3	39
12	Periphyton responds differentially to nutrients recycled in dissolved or faecal pellet form by the snail grazer <i>Theodoxus fluviatilis</i> . <i>Freshwater Biology</i> , 2007, 52, 1997-2008.	1.2	38
13	Local factors control the community composition of cyanobacteria in lakes while heterotrophic bacteria follow a neutral model. <i>Freshwater Biology</i> , 2010, 55, 2447-2457.	1.2	34
14	Gastropod grazers and nutrients, but not light, interact in determining periphytic algal diversity. <i>Oecologia</i> , 2007, 152, 101-111.	0.9	31
15	Atmospheric nitrogen-deposition may intensify phosphorus limitation of shallow epilithic periphyton in unproductive lakes. <i>Freshwater Biology</i> , 2009, 54, 1759-1773.	1.2	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. <i>Freshwater Science</i> , 2012, 31, 813-824.	0.9	28
17	Gastropod grazers affect periphyton nutrient stoichiometry by changing benthic algal taxonomy and through differential nutrient uptake. <i>Journal of the North American Benthological Society</i> , 2009, 28, 283-293.	3.0	27
18	Quality assurance of diatom counts in Europe: towards harmonized datasets. <i>Hydrobiologia</i> , 2016, 772, 1-14.	1.0	27

#	ARTICLE	IF	CITATIONS
19	Compensatory feeding and low nutrient assimilation efficiencies lead to high nutrient turnover in nitrogen-limited snails. <i>Freshwater Science</i> , 2014, 33, 425-434.	0.9	20
20	Cool tadpoles from Arctic environments waste fewer nutrients – high gross growth efficiencies lead to low consumer-mediated nutrient recycling in the North. <i>Journal of Animal Ecology</i> , 2015, 84, 1744-1756.	1.3	19
21	Effects of enrichment on protist abundances and bacterial composition in simple microbial communities. <i>Oikos</i> , 2006, 114, 15-26.	1.2	17
22	Simulated terrestrial runoff triggered a phytoplankton succession and changed seston stoichiometry in coastal lagoon mesocosms. <i>Marine Environmental Research</i> , 2016, 119, 40-50.	1.1	17
23	The snail <i>Potamopyrgus antipodarum</i> grows faster and is more active in the shade, independent of food quality. <i>Oecologia</i> , 2011, 167, 85-96.	0.9	16
24	Climate change will alter amphibian-mediated nutrient pathways: evidence from <i>Rana temporaria</i> tadpoles in experimental ponds. <i>Freshwater Biology</i> , 2016, 61, 472-485.	1.2	16
25	Food web complexity affects stoichiometric and trophic interactions. <i>Oikos</i> , 2006, 114, 117-125.	1.2	13
26	Terrestrial runoff boosts phytoplankton in a Mediterranean coastal lagoon, but these effects do not propagate to higher trophic levels. <i>Hydrobiologia</i> , 2016, 766, 275-291.	1.0	12
27	Inverse relationship of epilithic algae and pelagic phosphorus in unproductive lakes: Roles of N_2 fixers and light. <i>Freshwater Biology</i> , 2018, 63, 662-675.	1.2	11
28	Terrestrial runoff may reduce microbenthic net community productivity by increasing turbidity: a Mediterranean coastal lagoon mesocosm experiment. <i>Hydrobiologia</i> , 2015, 753, 205-218.	1.0	10
29	Substratum-Associated Microbiota. <i>Water Environment Research</i> , 2016, 88, 1637-1671.	1.3	7
30	Substratum-Associated Microbiota. <i>Water Environment Research</i> , 2012, 84, 1658-1690.	1.3	1
31	Substratum-Associated Microbiota. <i>Water Environment Research</i> , 2010, 82, 1903-1944.	1.3	0
32	Substratum-Associated Microbiota. <i>Water Environment Research</i> , 2011, 83, 1704-1732.	1.3	0
33	Substratum-Associated Microbiota. <i>Water Environment Research</i> , 2014, 86, 1774-1831.	1.3	0
34	Substratum-Associated Microbiota. <i>Water Environment Research</i> , 2015, 87, 1611-1678.	1.3	0