

Meryem BeklioÄlu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8207993/publications.pdf>

Version: 2024-02-01

87
papers

4,951
citations

147801

31
h-index

98798

67
g-index

88
all docs

88
docs citations

88
times ranked

5309
citing authors

#	ARTICLE	IF	CITATIONS
1	The importance of allochthonous organic matter quality when investigating pulse disturbance events in freshwater lakes: a mesocosm experiment. <i>Hydrobiologia</i> , 2022, 849, 3905-3929.	2.0	5
2	Freshwater salinisation: a research agenda for a saltier world. <i>Trends in Ecology and Evolution</i> , 2022, 37, 440-453.	8.7	93
3	Increased Water Abstraction and Climate Change Have Substantial Effect on Morphometry, Salinity, and Biotic Communities in Lakes: Examples from the Semi-Arid Burdur Basin (Turkey). <i>Water (Switzerland)</i> , 2022, 14, 1241.	2.7	10
4	Effects of a microplastic mixture differ across trophic levels and taxa in a freshwater food web: In situ mesocosm experiment. <i>Science of the Total Environment</i> , 2022, 836, 155407.	8.0	23
5	Nutrient Loading, Temperature and Heat Wave Effects on Nutrients, Oxygen and Metabolism in Shallow Lake Mesocosms Pre-Adapted for 11 Years. <i>Water (Switzerland)</i> , 2021, 13, 127.	2.7	10
6	Determinants of phytoplankton size structure in warm, shallow lakes. <i>Journal of Plankton Research</i> , 2021, 43, 353-366.	1.8	3
7	Decadal changes in size, salinity, waterbirds, and fish in lakes of the Konya Closed Basin, Turkey, associated with climate change and increasing water abstraction for agriculture. <i>Inland Waters</i> , 2021, 11, 538-555.	2.2	19
8	Stratification strength and light climate explain variation in chlorophyll <i>a</i> at the continental scale in a European multilake survey in a heatwave summer. <i>Limnology and Oceanography</i> , 2021, 66, 4314-4333.	3.1	19
9	Impact of nutrients and water level changes on submerged macrophytes along a temperature gradient: A pan-European mesocosm experiment. <i>Global Change Biology</i> , 2020, 26, 6831-6851.	9.5	33
10	Impact of Nutrients, Temperatures, and a Heat Wave on Zooplankton Community Structure: An Experimental Approach. <i>Water (Switzerland)</i> , 2020, 12, 3416.	2.7	13
11	Phytoplankton Community Response to Nutrients, Temperatures, and a Heat Wave in Shallow Lakes: An Experimental Approach. <i>Water (Switzerland)</i> , 2020, 12, 3394.	2.7	29
12	The impact of climate change on a Mediterranean shallow lake: insights based on catchment and lake modelling. <i>Regional Environmental Change</i> , 2020, 20, 1.	2.9	30
13	Influences of climate and nutrient enrichment on the multiple trophic levels of Turkish shallow lakes. <i>Inland Waters</i> , 2020, 10, 173-185.	2.2	14
14	Brian Moss: the wizard of shallow lakes. <i>Inland Waters</i> , 2020, 10, 153-158.	2.2	0
15	Impacts of multiple stressors on freshwater biota across spatial scales and ecosystems. <i>Nature Ecology and Evolution</i> , 2020, 4, 1060-1068.	7.8	336
16	Changes in functional composition and diversity of waterbirds: The roles of water level and submerged macrophytes. <i>Freshwater Biology</i> , 2020, 65, 1845-1857.	2.4	5
17	Energy-based top-down and bottom-up relationships between fish community energy demand or production and phytoplankton across lakes at a continental scale. <i>Limnology and Oceanography</i> , 2020, 65, 892-902.	3.1	13
18	Exposure to a microplastic mixture is altering the life traits and is causing deformities in the non-biting midge <i>Chironomus riparius</i> Meigen (1804). <i>Environmental Pollution</i> , 2020, 262, 114248.	7.5	43

#	ARTICLE	IF	CITATIONS
19	Salinization Increase due to Climate Change Will Have Substantial Negative Effects on Inland Waters: A Call for Multifaceted Research at the Local and Global Scale. <i>Innovation(China)</i> , 2020, 1, 100030.	9.1	68
20	The future depends on what we do today – Projecting Europe's surface water quality into three different future scenarios. <i>Science of the Total Environment</i> , 2019, 668, 470-484.	8.0	31
21	Effects of trophic status, water level, and temperature on shallow lake metabolism and metabolic balance: A standardized pan-European mesocosm experiment. <i>Limnology and Oceanography</i> , 2019, 64, 616-631.	3.1	23
22	Modeling the effects of climatic and land use changes on phytoplankton and water quality of the largest Turkish freshwater lake: Lake Beyşehir. <i>Science of the Total Environment</i> , 2018, 621, 802-816.	8.0	97
23	Effects of warming and nutrients on the microbial food web in shallow lake mesocosms. <i>European Journal of Protistology</i> , 2018, 64, 1-12.	1.5	18
24	Non-native Fish Occurrence and Biomass in 1943 Western Palearctic Lakes and Reservoirs and their Abiotic and Biotic Correlates. <i>Ecosystems</i> , 2018, 21, 395-409.	3.4	14
25	Size diversity and species diversity relationships in fish assemblages of Western Palearctic lakes. <i>Ecography</i> , 2018, 41, 1064-1076.	4.5	10
26	Patterns of microbial food webs in Mediterranean shallow lakes with contrasting nutrient levels and predation pressures. <i>Hydrobiologia</i> , 2018, 806, 13-27.	2.0	13
27	Snapshot Surveys for Lake Monitoring, More Than a Shot in the Dark. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	13
28	Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. <i>Toxins</i> , 2018, 10, 156.	3.4	159
29	A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins. <i>Scientific Data</i> , 2018, 5, 180226.	5.3	30
30	Future water availability in the largest freshwater Mediterranean lake is at great risk as evidenced from simulations with the SWAT model. <i>Science of the Total Environment</i> , 2017, 581-582, 413-425.	8.0	62
31	Effects of nutrient and water level changes on the composition and size structure of zooplankton communities in shallow lakes under different climatic conditions: a pan-European mesocosm experiment. <i>Aquatic Ecology</i> , 2017, 51, 257-273.	1.5	23
32	Size-based interactions across trophic levels in food webs of shallow Mediterranean lakes. <i>Freshwater Biology</i> , 2017, 62, 1819-1830.	2.4	16
33	Restoration of Eutrophic Lakes with Fluctuating Water Levels: A 20-Year Monitoring Study of Two Inter-Connected Lakes. <i>Water (Switzerland)</i> , 2017, 9, 127.	2.7	24
34	Fish assemblage and diversity in lakes of western and central Turkey: role of geo-climatic and other environmental variables. <i>Hydrobiologia</i> , 2016, 771, 31-44.	2.0	16
35	Impact of alternating wet and dry periods on long-term seasonal phosphorus and nitrogen budgets of two shallow Mediterranean lakes. <i>Science of the Total Environment</i> , 2016, 563-564, 456-467.	8.0	28
36	Preface: Shallow lakes in a fast changing world. <i>Hydrobiologia</i> , 2016, 778, 9-11.	2.0	20

#	ARTICLE	IF	CITATIONS
37	The influence of nutrient loading, climate and water depth on nitrogen and phosphorus loss in shallow lakes: a pan-European mesocosm experiment. <i>Hydrobiologia</i> , 2016, 778, 13-32.	2.0	17
38	Food web effects of titanium dioxide nanoparticles in an outdoor freshwater mesocosm experiment. <i>Nanotoxicology</i> , 2016, 10, 902-912.	3.0	30
39	Multi-proxy palaeoecological responses to water-level fluctuations in three shallow Turkish lakes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 553-566.	2.3	13
40	Inferring past environmental changes in three Turkish lakes from sub-fossil Cladocera. <i>Hydrobiologia</i> , 2016, 778, 295-312.	2.0	10
41	Factors influencing nitrogen processing in lakes: an experimental approach. <i>Freshwater Biology</i> , 2015, 60, 646-662.	2.4	14
42	Macroecological Patterns of Resilience Inferred from a Multinational, Synchronized Experiment. <i>Sustainability</i> , 2015, 7, 1142-1160.	3.2	6
43	Effects of water temperature on summer periphyton biomass in shallow lakes: a pan-European mesocosm experiment. <i>Aquatic Sciences</i> , 2015, 77, 499-510.	1.5	34
44	Ecological impacts of global warming and water abstraction on lakes and reservoirs due to changes in water level and related changes in salinity. <i>Hydrobiologia</i> , 2015, 750, 201-227.	2.0	355
45	Size-based diel migration of zooplankton in Mediterranean shallow lakes assessed from in situ experiments with artificial plants. <i>Hydrobiologia</i> , 2015, 753, 47-59.	2.0	18
46	Temperature effects on body size of freshwater crustacean zooplankton from Greenland to the tropics. <i>Hydrobiologia</i> , 2015, 743, 27-35.	2.0	53
47	Climate change impacts on lakes: an integrated ecological perspective based on a multi-faceted approach, with special focus on shallow lakes. <i>Journal of Limnology</i> , 2014, 73, .	1.1	235
48	Relatedness between contemporary and subfossil cladoceran assemblages in Turkish lakes. <i>Journal of Paleolimnology</i> , 2014, 52, 367-383.	1.6	17
49	Similarity between contemporary vegetation and plant remains in the surface sediment in Mediterranean lakes. <i>Freshwater Biology</i> , 2014, 59, 724-736.	2.4	31
50	Water level and fish-mediated cascading effects on the microbial community in eutrophic warm shallow lakes: a mesocosm experiment. <i>Hydrobiologia</i> , 2014, 740, 25-35.	2.0	7
51	Long-term effects of warming and nutrients on microbes and other plankton in mesocosms. <i>Freshwater Biology</i> , 2013, 58, 483-493.	2.4	56
52	Environmental Warming in Shallow Lakes. <i>Advances in Ecological Research</i> , 2012, 46, 259-349.	2.7	161
53	Sediments, not plants, offer the preferred refuge for <i>Daphnia</i> against fish predation in Mediterranean shallow lakes: an experimental demonstration. <i>Freshwater Biology</i> , 2012, 57, 795-802.	2.4	31
54	The influence of water level on macrophyte growth and trophic interactions in eutrophic Mediterranean shallow lakes: a mesocosm experiment with and without fish. <i>Freshwater Biology</i> , 2012, 57, 1631-1642.	2.4	54

#	ARTICLE	IF	CITATIONS
55	Impacts of salinity and fish-exuded kairomone on the survival and macromolecular profile of <i>Daphnia pulex</i> . <i>Ecotoxicology</i> , 2012, 21, 601-614.	2.4	36
56	Climate change effects on nitrogen loading from cultivated catchments in Europe: implications for nitrogen retention, ecological state of lakes and adaptation. <i>Hydrobiologia</i> , 2011, 663, 1-21.	2.0	242
57	Molecular approach to the chemical characterization of fish-exuded kairomone: a Fourier transform infrared spectroscopic study. <i>Aquatic Sciences</i> , 2010, 72, 71-83.	1.5	17
58	Drought-induced changes in nutrient concentrations and retention in two shallow Mediterranean lakes subjected to different degrees of management. <i>Hydrobiologia</i> , 2010, 646, 61-72.	2.0	71
59	Effects of 4-nonylphenol, fish predation and food availability on survival and life history traits of <i>Daphnia magna</i> straus. <i>Ecotoxicology</i> , 2010, 19, 901-910.	2.4	15
60	The response of periphyton and submerged macrophytes to nitrogen and phosphorus loading in shallow warm lakes: a mesocosm experiment. <i>Freshwater Biology</i> , 2010, 55, 463-475.	2.4	65
61	Eutrophication and Restoration of Shallow Lakes from a Cold Temperate to a Warm Mediterranean and a (Sub)Tropical Climate. , 2010, , 91-108.		19
62	Identification and mapping of submerged plants in a shallow lake using quickbird satellite data. <i>Journal of Environmental Management</i> , 2009, 90, 2138-2143.	7.8	56
63	Climate Change and the Future of Freshwater Biodiversity in Europe: A Primer for Policy-Makers. <i>Freshwater Reviews: A Journal of the Freshwater Biological Association</i> , 2009, 2, 103-130.	1.0	80
64	Climate Change Effects on Runoff, Catchment Phosphorus Loading and Lake Ecological State, and Potential Adaptations. <i>Journal of Environmental Quality</i> , 2009, 38, 1930-1941.	2.0	502
65	Impact of food concentration on diel vertical migration behaviour of <i>Daphnia pulex</i> under fish predation risk. <i>Hydrobiologia</i> , 2008, 614, 321-327.	2.0	15
66	Restoration of a shallow Mediterranean lake by biomanipulation complicated by drought. <i>Fundamental and Applied Limnology</i> , 2008, 171, 105-118.	0.7	61
67	Danish and other European experiences in managing shallow lakes. <i>Lake and Reservoir Management</i> , 2007, 23, 439-451.	1.3	25
68	State of the art in the functioning of shallow Mediterranean lakes: workshop conclusions. <i>Hydrobiologia</i> , 2007, 584, 317-326.	2.0	152
69	State of the art in the functioning of shallow Mediterranean lakes: workshop conclusions. , 2007, , 317-326.		20
70	Predictive models in ecology: Comparison of performances and assessment of applicability. <i>Ecological Informatics</i> , 2006, 1, 195-211.	5.2	25
71	Fish and mucus-dwelling bacteria interact to produce a kairomone that induces diel vertical migration in <i>Daphnia</i> . <i>Freshwater Biology</i> , 2006, 51, 2200-2206.	2.4	23
72	Modeling complex nonlinear responses of shallow lakes to fish and hydrology using artificial neural networks. <i>Ecological Modelling</i> , 2006, 196, 183-194.	2.5	29

#	ARTICLE	IF	CITATIONS
73	Water level control over submerged macrophyte development in five shallow lakes of Mediterranean Turkey. <i>Archiv Für Hydrobiologie</i> , 2006, 166, 535-556.	1.1	108
74	Role of planktonic bacteria in biodegradation of fish-exuded kairomone in laboratory bioassays of diel vertical migration. <i>Archiv Für Hydrobiologie</i> , 2006, 165, 89-104.	1.1	12
75	Consequences of reduced nutrient loading on a lake system in a lowland catchment: deviations from the norm?. <i>Freshwater Biology</i> , 2005, 50, 1687-1705.	2.4	73
76	Catastrophic-like shifts in shallow Turkish lakes: a modeling approach. <i>Ecological Modelling</i> , 2005, 183, 425-434.	2.5	20
77	Absence of typical diel vertical migration in <i>Daphnia</i> : varying role of water clarity, food, and dissolved oxygen in Lake Eymir, Turkey. <i>Hydrobiologia</i> , 2005, 537, 125-133.	2.0	16
78	Effects of waterfowl, large fish and periphyton on the spring growth of <i>Potamogeton pectinatus</i> L. in Lake Mogan, Turkey. <i>Hydrobiologia</i> , 2005, 537, 239-248.	2.0	23
79	The role of water-level fluctuations in shallow lake ecosystems – workshop conclusions. <i>Hydrobiologia</i> , 2003, 506-509, 23-27.	2.0	406
80	Hysteresis in vegetation shift – Lake Mogan prognoses. <i>Ecological Modelling</i> , 2003, 164, 227-238.	2.5	78
81	A structurally dynamic modelling – Lake Mogan, Turkey as a case study. <i>Ecological Modelling</i> , 2003, 164, 103-120.	2.5	80
82	Title is missing!. <i>Aquatic Ecology</i> , 1999, 33, 167-173.	1.5	10
83	Title is missing!. <i>Aquatic Ecology</i> , 1998, 32, 229-240.	1.5	7
84	Mesocosm experiments on the interaction of sediment influence, fish predation and aquatic plants with the structure of phytoplankton and zooplankton communities. <i>Freshwater Biology</i> , 1996, 36, 315-325.	2.4	57
85	The impact of pH on interactions among phytoplankton algae, zooplankton and perch (<i>Perca</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.4	46
86	Changes in a deep lake following sewage diversion - a challenge to the orthodoxy of external phosphorus control as a restoration strategy?. <i>Freshwater Biology</i> , 1995, 34, 399-410.	2.4	49
87	Metadata of European Lake Fishes Dataset. <i>Freshwater Metadata Journal</i> , 0, , 1-8.	0.0	7