Manuel Villar-Argaiz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3970377/publications.pdf

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31	788	471509	526287
papers	citations	17 h-index	27 g-index

32	32	32	734
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High Mountain Lakes as Remote Sensors of Global Change. , 2022, , 261-278.		3
2	Housekeeping in the Hydrosphere: Microbial Cooking, Cleaning, and Control under Stress. Life, 2021, 11, 152.	2.4	8
3	Divergent nucleic acid allocation in juvenile insects of different metamorphosis modes. Scientific Reports, 2021, 11, 10313.	3.3	4
4	Cold and wet: Diatoms dominate the phytoplankton community during a year of anomalous weather in a Great Lakes estuary. Journal of Great Lakes Research, 2021, 47, 1305-1315.	1.9	5
5	Body P content increases over ontogeny in hemimetabolous macroinvertebrates in a Mediterranean high mountain stream. Aquatic Ecology, 2020, 54, 1185.	1.5	6
6	Interplay between resistance and resilience governs the stability of a freshwater microbial food web under multiple stressors. Science of the Total Environment, 2019, 691, 908-918.	8.0	13
7	Spatial and seasonal variability in the trophic role of aquatic insects: An assessment of functional feeding group applicability. Freshwater Biology, 2019, 64, 954-966.	2.4	19
8	Growth impacts of Saharan dust, mineral nutrients, and CO2 on a planktonic herbivore in southern Mediterranean lakes. Science of the Total Environment, 2018, 639, 118-128.	8.0	6
9	Predominant Non-additive Effects of Multiple Stressors on Autotroph C:N:P Ratios Propagate in Freshwater and Marine Food Webs. Frontiers in Microbiology, 2018, 9, 69.	3.5	29
10	Climate-driven shifts in algal-bacterial interaction of high-mountain lakes in two years spanning a decade. Scientific Reports, 2018, 8, 10278.	3.3	33
11	Are the small-sized plankton communities of oligotrophic ecosystems resilient to UVR and P pulses?. Freshwater Science, 2017, 36, 760-773.	1.8	5
12	Rising nutrient-pulse frequency and high UVR strengthen microbial interactions. Scientific Reports, 2017, 7, 43615.	3.3	33
13	Contrasting effect of Saharan dust and UVR on autotrophic picoplankton in nearshore versus offshore waters of Mediterranean Sea. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 2085-2103.	3.0	11
14	Microbial carbon production and transfer across trophic levels is affected by solar UVA and phosphorus. Hydrobiologia, 2016, 776, 221-235.	2.0	3
15	Saharan dust inputs and high UVR levels jointly alter the metabolic balance of marine oligotrophic ecosystems. Scientific Reports, 2016, 6, 35892.	3.3	16
16	Shifts in food quality for herbivorous consumer growth: multiple golden means in the life history. Ecology, 2014, 95, 1272-1284.	3.2	34
17	Nucleic Acid Content in Crustacean Zooplankton: Bridging Metabolic and Stoichiometric Predictions. PLoS ONE, 2014, 9, e86493.	2.5	25
18	Maximum in the Middle: Nonlinear Response of Microbial Plankton to Ultraviolet Radiation and Phosphorus. PLoS ONE, 2013, 8, e60223.	2.5	29

#	Article	IF	Citations
19	Disentangling food quantity and quality effects in zooplankton response to P-enrichment and UV radiation. Limnology and Oceanography, 2012, 57, 235-250.	3.1	25
20	Patterns of resource limitation of bacteria along a trophic gradient in Mediterranean inland waters. FEMS Microbiology Ecology, 2010, 74, 554-565.	2.7	14
21	UV radiation and phosphorus interact to influence the biochemical composition of phytoplankton. Freshwater Biology, 2009, 54, 1233-1245.	2.4	23
22	Does Microorganism Stoichiometry Predict Microbial Food Web Interactions After a Phosphorus Pulse?. Microbial Ecology, 2008, 56, 350-363.	2.8	36
23	Is biochemical resource quality for herbivorous consumers enhanced by the manipulation of light and nutrient regimes?. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2008, 30, 577-580.	0.1	0
24	Near-infrared spectrometry (NIRS) for the analysis of seston carbon, nitrogen, and phosphorus from diverse sources. Limnology and Oceanography: Methods, 2006, 4, 96-104.	2.0	11
25	Climate-driven changes on phytoplankton-zooplankton coupling and nutrient availability in high mountain lakes of Southern Europe. Freshwater Biology, 2006, 51, 989-998.	2.4	22
26	Neither with nor without you: A complex algal control on bacterioplankton in a high mountain lake. Limnology and Oceanography, 2004, 49, 1722-1733.	3.1	77
27	LINKING LIFE HISTORY STRATEGIES AND ONTOGENY IN CRUSTACEAN ZOOPLANKTON: IMPLICATIONS FOR HOMEOSTASIS. Ecology, 2002, 83, 1899-1914.	3.2	74
28	Life history bottlenecks in Diaptomus clavipes induced by phosphorusâ€limited algae. Limnology and Oceanography, 2002, 47, 1229-1233.	3.1	55
29	The interaction of phytoplankton and bacteria in a high mountain lake: Importance of the spectral composition of solar radiation. Limnology and Oceanography, 2002, 47, 1294-1306.	3.1	86
30	Inter- and intra-annual variability in the phytoplankton community of a high mountain lake: the influence of external (atmospheric) and internal (recycled) sources of phosphorus. Freshwater Biology, 2001, 46, 1017-1034.	2.4	54
31	Structure changes in a planktonic food web: biotic and abiotic controls. Journal of Limnology, 1999, 58, 213.	1.1	28