

Sergi Sabater

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8966774/publications.pdf>

Version: 2024-02-01

314
papers

15,958
citations

10351

72
h-index

28224

105
g-index

320
all docs

320
docs citations

320
times ranked

13058
citing authors

#	ARTICLE	IF	CITATIONS
1	Recommendations for the routine sampling of diatoms for water quality assessments in Europe. <i>Journal of Applied Phycology</i> , 1998, 10, 215-224.	1.5	374
2	Monitoring the effect of chemicals on biological communities. The biofilm as an interface. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1425-1434.	1.9	341
3	Protecting and restoring Europe's waters: An analysis of the future development needs of the Water Framework Directive. <i>Science of the Total Environment</i> , 2019, 658, 1228-1238.	3.9	295
4	Why Should We Care About Temporary Waterways?. <i>Science</i> , 2014, 343, 1080-1081.	6.0	270
5	Model development for the assessment of terrestrial and aquatic habitat quality in conservation planning. <i>Science of the Total Environment</i> , 2016, 540, 63-70.	3.9	265
6	Drought and postdrought recovery cycles in an intermittent Mediterranean stream: structural and functional aspects. <i>Journal of the North American Benthological Society</i> , 2005, 24, 919-933.	3.0	237
7	Nitrogen Removal by Riparian Buffers along a European Climatic Gradient: Patterns and Factors of Variation. <i>Ecosystems</i> , 2003, 6, 0020-0030.	1.6	214
8	Non-perennial Mediterranean rivers in Europe: Status, pressures, and challenges for research and management. <i>Science of the Total Environment</i> , 2017, 577, 1-18.	3.9	192
9	Balancing the health benefits and environmental risks of pharmaceuticals: Diclofenac as an example. <i>Environment International</i> , 2015, 85, 327-333.	4.8	171
10	Assessment of the water supply:demand ratios in a Mediterranean basin under different global change scenarios and mitigation alternatives. <i>Science of the Total Environment</i> , 2014, 470-471, 567-577.	3.9	168
11	Bridging levels of pharmaceuticals in river water with biological community structure in the llobregat river basin (northeast spain). <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2706-2714.	2.2	166
12	Flow extremes and benthic organic matter shape the metabolism of a headwater Mediterranean stream. <i>Freshwater Biology</i> , 2004, 49, 960-971.	1.2	165
13	Managing the effects of multiple stressors on aquatic ecosystems under water scarcity. The GLOBAQUA project. <i>Science of the Total Environment</i> , 2015, 503-504, 3-9.	3.9	161
14	Ecotoxicological effects of carbon based nanomaterials in aquatic organisms. <i>Science of the Total Environment</i> , 2018, 619-620, 328-337.	3.9	154
15	Impact of climate extremes on hydrological ecosystem services in a heavily humanized Mediterranean basin. <i>Ecological Indicators</i> , 2014, 37, 199-209.	2.6	150
16	Triclosan persistence through wastewater treatment plants and its potential toxic effects on river biofilms. <i>Aquatic Toxicology</i> , 2010, 100, 346-353.	1.9	149
17	Assessing the Impact of Multiple Stressors on Aquatic Biota: The Receptorâ€™s Side Matters. <i>Environmental Science & Technology</i> , 2014, 48, 7690-7696.	4.6	145
18	Biofilm Structure and Function and Possible Implications for Riverine DOC Dynamics. <i>Microbial Ecology</i> , 2004, 47, 316-28.	1.4	142

#	ARTICLE	IF	CITATIONS
19	The effects of land use changes on streams and rivers in mediterranean climates. <i>Hydrobiologia</i> , 2013, 719, 383-425.	1.0	142
20	Occurrence and persistence of antibiotic resistance genes in river biofilms after wastewater inputs in small rivers. <i>Environmental Pollution</i> , 2016, 210, 121-128.	3.7	142
21	Primary and complex stressors in polluted mediterranean rivers: Pesticide effects on biological communities. <i>Journal of Hydrology</i> , 2010, 383, 52-61.	2.3	138
22	Determination of a broad spectrum of pharmaceuticals and endocrine disruptors in biofilm from a waste water treatment plant-impacted river. <i>Science of the Total Environment</i> , 2016, 540, 241-249.	3.9	137
23	Effects of riparian vegetation removal on nutrient retention in a Mediterranean stream. <i>Journal of the North American Benthological Society</i> , 2000, 19, 609-620.	3.0	136
24	The effect of biological factors on the efficiency of river biofilms in improving water quality. <i>Hydrobiologia</i> , 2002, 469, 149-156.	1.0	133
25	Effects of low concentrations of the phenylurea herbicide diuron on biofilm algae and bacteria. <i>Chemosphere</i> , 2009, 76, 1392-1401.	4.2	131
26	Bioaccumulation and trophic magnification of pharmaceuticals and endocrine disruptors in a Mediterranean river food web. <i>Science of the Total Environment</i> , 2016, 540, 250-259.	3.9	128
27	Effects of hydromorphological impacts on river ecosystem functioning: a review and suggestions for assessing ecological impacts. <i>Hydrobiologia</i> , 2013, 712, 129-143.	1.0	127
28	Short-term toxicity of zinc to microbenthic algae and bacteria in a metal polluted stream. <i>Water Research</i> , 1999, 33, 1989-1996.	5.3	124
29	Relevance of Polymeric Matrix Enzymes During Biofilm Formation. <i>Microbial Ecology</i> , 2008, 56, 427-436.	1.4	120
30	Trace metal concentration and fish size: Variation among fish species in a Mediterranean river. <i>Ecotoxicology and Environmental Safety</i> , 2014, 107, 154-161.	2.9	120
31	Diatom assemblages distribution in catalan rivers, NE Spain, in relation to chemical and physiographical factors. <i>Water Research</i> , 2005, 39, 73-82.	5.3	117
32	Response of community structure to sustained drought in Mediterranean rivers. <i>Journal of Hydrology</i> , 2010, 383, 135-146.	2.3	115
33	Contamination sources and distribution patterns of pharmaceuticals and personal care products in Alpine rivers strongly affected by tourism. <i>Science of the Total Environment</i> , 2017, 590-591, 484-494.	3.9	115
34	Pharmaceuticals and pesticides in reclaimed water: Efficiency assessment of a microfiltration+reverse osmosis (MF+RO) pilot plant. <i>Journal of Hazardous Materials</i> , 2015, 282, 165-173.	6.5	110
35	Title is missing!. , 2000, 12, 113-124.		108
36	Effects of pesticides and pharmaceuticals on biofilms in a highly impacted river. <i>Environmental Pollution</i> , 2013, 178, 220-228.	3.7	107

#	ARTICLE	IF	CITATIONS
37	Translocation of Microbenthic Algal Assemblages Used for In Situ Analysis of Metal Pollution in Rivers. <i>Archives of Environmental Contamination and Toxicology</i> , 1999, 37, 19-28.	2.1	105
38	COMMUNITY DYNAMICS AND METABOLISM OF BENTHIC ALGAE COLONIZING WOOD AND ROCK SUBSTRATA IN A FOREST STREAM. <i>Journal of Phycology</i> , 1998, 34, 561-567.	1.0	104
39	Effects of large river dam regulation on bacterioplankton community structure. <i>FEMS Microbiology Ecology</i> , 2013, 84, 316-331.	1.3	104
40	Effects of human-driven water stress on river ecosystems: a meta-analysis. <i>Scientific Reports</i> , 2018, 8, 11462.	1.6	104
41	Influences of the stream groundwater hydrology on nitrate concentration in unsaturated riparian area bounded by an intermittent Mediterranean stream. <i>Water Resources Research</i> , 2003, 39, .	1.7	102
42	Response of biofilm bacterial communities to antibiotic pollutants in a Mediterranean river. <i>Chemosphere</i> , 2013, 92, 1126-1135.	4.2	102
43	River ecosystem processes: A synthesis of approaches, criteria of use and sensitivity to environmental stressors. <i>Science of the Total Environment</i> , 2017, 596-597, 465-480.	3.9	102
44	LIGHT HISTORY INFLUENCES THE SENSITIVITY TO ATRAZINE IN PERIPHYTIC ALGAE. <i>Journal of Phycology</i> , 1998, 34, 233-241.	1.0	100
45	Functional responses of stream biofilms to flow cessation, desiccation and rewetting. <i>Freshwater Biology</i> , 2012, 57, 1565-1578.	1.2	100
46	Occurrence and in-stream attenuation of wastewater-derived pharmaceuticals in Iberian rivers. <i>Science of the Total Environment</i> , 2015, 503-504, 133-141.	3.9	99
47	Multifunctionality and Diversity in Bacterial Biofilms. <i>PLoS ONE</i> , 2011, 6, e23225.	1.1	99
48	Influence of Algal Biomass on Extracellular Enzyme Activity in River Biofilms. <i>Microbial Ecology</i> , 2000, 40, 16-24.	1.4	97
49	Title is missing!. <i>Journal of Applied Phycology</i> , 2002, 14, 27-39.	1.5	97
50	Longitudinal development of chlorophyll and phytoplankton assemblages in a regulated large river (the Ebro River). <i>Science of the Total Environment</i> , 2008, 404, 196-206.	3.9	96
51	Mixed effects of effluents from a wastewater treatment plant on river ecosystem metabolism: subsidy or stress?. <i>Freshwater Biology</i> , 2015, 60, 1398-1410.	1.2	96
52	Effect of primary producers on the heterotrophic metabolism of a stream biofilm. <i>Freshwater Biology</i> , 1999, 41, 729-736.	1.2	95
53	Runoff Trends Driven by Climate and Afforestation in a Pyrenean Basin. <i>Land Degradation and Development</i> , 2016, 27, 823-838.	1.8	94
54	STRUCTURE AND ACTIVITY OF ROCK AND SAND BIOFILMS IN A MEDITERRANEAN STREAM. <i>Ecology</i> , 2001, 82, 3232-3245.	1.5	93

#	ARTICLE	IF	CITATIONS
55	Assessment of multi-chemical pollution in aquatic ecosystems using toxic units: Compound prioritization, mixture characterization and relationships with biological descriptors. <i>Science of the Total Environment</i> , 2014, 468-469, 715-723.	3.9	92
56	Meteorological and riparian influences on organic matter dynamics in a forested Mediterranean stream. <i>Journal of the North American Benthological Society</i> , 2007, 26, 54-69.	3.0	91
57	Combined scenarios of chemical and ecological quality under water scarcity in Mediterranean rivers. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 1269-1278.	5.8	91
58	Effects of afforestation on runoff and sediment load in an upland Mediterranean catchment. <i>Science of the Total Environment</i> , 2016, 540, 144-157.	3.9	90
59	Contraction, fragmentation and expansion dynamics determine nutrient availability in a Mediterranean forest stream. <i>Aquatic Sciences</i> , 2011, 73, 485-497.	0.6	89
60	STRUCTURE AND FUNCTION OF BENTHIC ALGAL COMMUNITIES IN AN EXTREMELY ACID RIVER1. <i>Journal of Phycology</i> , 2003, 39, 481-489.	1.0	88
61	Stream Biofilm Responses to Flow Intermittency: From Cells to Ecosystems. <i>Frontiers in Environmental Science</i> , 2016, 4, .	1.5	88
62	Contrasting effects of organic and inorganic toxicants on freshwater periphyton. <i>Aquatic Toxicology</i> , 2003, 64, 165-175.	1.9	87
63	Attenuation of pharmaceuticals and their transformation products in a wastewater treatment plant and its receiving river ecosystem. <i>Water Research</i> , 2016, 100, 126-136.	5.3	86
64	The influence of substratum type and nutrient supply on biofilm organic matter utilization in streams. <i>Limnology and Oceanography</i> , 2004, 49, 1713-1721.	1.6	85
65	Title is missing!. <i>Journal of Applied Phycology</i> , 1998, 10, 203-213.	1.5	83
66	Alterations of the Global Water Cycle and their Effects on River Structure, Function and Services. <i>Freshwater Reviews: A Journal of the Freshwater Biological Association</i> , 2008, 1, 75-88.	1.0	83
67	A tale of pipes and reactors: Controls on the in-stream dynamics of dissolved organic matter in rivers. <i>Limnology and Oceanography</i> , 2017, 62, S85.	1.6	82
68	Emerging contaminants and nutrients synergistically affect the spread of class 1 integron-integrase (int1) and sul1 genes within stable streambed bacterial communities. <i>Water Research</i> , 2018, 138, 77-85.	5.3	82
69	Resistance and recovery of river biofilms receiving short pulses of Triclosan and Diuron. <i>Science of the Total Environment</i> , 2011, 409, 3129-3137.	3.9	81
70	Least Disturbed Condition for European Mediterranean rivers. <i>Science of the Total Environment</i> , 2014, 476-477, 745-756.	3.9	80
71	Pollution-induced community tolerance to non-steroidal anti-inflammatory drugs (NSAIDs) in fluvial biofilm communities affected by WWTP effluents. <i>Chemosphere</i> , 2014, 112, 185-193.	4.2	80
72	Recent perspectives on temporary river ecology. <i>Aquatic Sciences</i> , 2011, 73, 453-457.	0.6	77

#	ARTICLE	IF	CITATIONS
73	Effects of flow intermittency and pharmaceutical exposure on the structure and metabolism of stream biofilms. <i>Science of the Total Environment</i> , 2015, 503-504, 159-170.	3.9	76
74	Microbial biofilm structure and organic matter use in mediterranean streams. <i>Hydrobiologia</i> , 2013, 719, 43-58.	1.0	74
75	Effects of atrazine on periphyton under grazing pressure. <i>Aquatic Toxicology</i> , 2001, 55, 239-249.	1.9	73
76	Development of an extraction and purification method for the determination of multi-class pharmaceuticals and endocrine disruptors in freshwater invertebrates. <i>Talanta</i> , 2015, 132, 373-381.	2.9	73
77	Organic matter availability during pre- and post-drought periods in a Mediterranean stream. <i>Hydrobiologia</i> , 2010, 657, 217-232.	1.0	72
78	Interaction between local hydrodynamics and algal community in epilithic biofilm. <i>Water Research</i> , 2013, 47, 2153-2163.	5.3	70
79	When Water Vanishes: Magnitude and Regulation of Carbon Dioxide Emissions from Dry Temporary Streams. <i>Ecosystems</i> , 2016, 19, 710-723.	1.6	70
80	SEASONAL VARIATIONS IN PHOTOSYNTHESIS-IRRADIANCE RESPONSES BY BIOFILMS IN MEDITERRANEAN STREAMS1. <i>Journal of Phycology</i> , 1995, 31, 727-735.	1.0	69
81	Nutrient enrichment effects on biofilm metabolism in a Mediterranean stream. <i>Freshwater Biology</i> , 1995, 33, 373-383.	1.2	69
82	Changes in atrazine toxicity throughout succession of stream periphyton communities. <i>Journal of Applied Phycology</i> , 1997, 9, 137-146.	1.5	66
83	Water quality assessment of rivers using diatom metrics across Mediterranean Europe: A methods intercalibration exercise. <i>Science of the Total Environment</i> , 2014, 476-477, 768-776.	3.9	66
84	Phosphate limitation influences the sensitivity to copper in periphytic algae. <i>Freshwater Biology</i> , 2004, 49, 463-473.	1.2	65
85	Availability of glucose and light modulates the structure and function of a microbial biofilm. <i>FEMS Microbiology Ecology</i> , 2009, 69, 27-42.	1.3	65
86	Ecological and biogeographical aspects of diatom distribution in Pyrenean springs. <i>British Phycological Journal</i> , 1992, 27, 203-213.	1.3	64
87	EFFECT OF COPPER ON ALGAL COMMUNITIES FROM OLIGOTROPHIC CALCAREOUS STREAMS1. <i>Journal of Phycology</i> , 2002, 38, 241-248.	1.0	64
88	BENTHIC MICROALGAL COLONIZATION IN STREAMS OF DIFFERING RIPARIAN COVER AND LIGHT AVAILABILITY. <i>Journal of Phycology</i> , 2004, 40, 1004-1012.	1.0	64
89	Fluvial biofilms: A pertinent tool to assess \hat{I}^2 -blockers toxicity. <i>Aquatic Toxicology</i> , 2010, 96, 225-233.	1.9	64
90	Shared effects of organic microcontaminants and environmental stressors on biofilms and invertebrates in impaired rivers. <i>Environmental Pollution</i> , 2016, 210, 303-314.	3.7	63

#	ARTICLE	IF	CITATIONS
91	The influence of riparian-hyporheic zone on the hydrological responses in an intermittent stream. <i>Hydrology and Earth System Sciences</i> , 2002, 6, 515-526.	1.9	62
92	Ecological implications of mass growth of benthic cyanobacteria in rivers. <i>Aquatic Microbial Ecology</i> , 2003, 32, 175-184.	0.9	62
93	Some factors affecting distribution of diatom assemblages in Pyrenean springs. <i>Freshwater Biology</i> , 1990, 24, 493-507.	1.2	61
94	Diurnal variation in dissolved oxygen and carbon dioxide in two low-order streams. <i>Water Research</i> , 1998, 32, 1067-1074.	5.3	61
95	Indicator taxa of benthic diatom communities: a case study in Mediterranean streams. <i>Annales De Limnologie</i> , 2007, 43, 1-11.	0.6	61
96	Environmental stressors as a driver of the trait composition of benthic macroinvertebrate assemblages in polluted Iberian rivers. <i>Environmental Research</i> , 2017, 156, 485-493.	3.7	61
97	Organic matter availability structures microbial biomass and activity in a Mediterranean stream. <i>Freshwater Biology</i> , 2009, 54, 2025-2036.	1.2	59
98	Consistency in Diatom Response to Metal-Contaminated Environments. <i>Handbook of Environmental Chemistry</i> , 2012, , 117-146.	0.2	59
99	Flow regulation by dams affects ecosystem metabolism in Mediterranean rivers. <i>Freshwater Biology</i> , 2014, 59, 1816-1829.	1.2	58
100	Labile and Recalcitrant Organic Matter Utilization by River Biofilm Under Increasing Water Temperature. <i>Microbial Ecology</i> , 2012, 64, 593-604.	1.4	57
101	Comparing fish assemblages and trophic ecology of permanent and intermittent reaches in a Mediterranean stream. <i>Hydrobiologia</i> , 2010, 657, 167-180.	1.0	56
102	Variability in Zinc Tolerance, Measured as Incorporation of Radio-Labeled Carbon Dioxide and Thymidine, in Periphyton Communities Sampled from 15 European River Stretches. <i>Archives of Environmental Contamination and Toxicology</i> , 2003, 44, 17-29.	2.1	54
103	Ecology and morphological variability of <i>Aulacoseira granulata</i> (Bacillariophyceae) in Spanish reservoirs. <i>Journal of Plankton Research</i> , 1995, 17, 1-16.	0.8	53
104	Assessing the ecological effects of water stress and pollution in a temporary river - Implications for water management. <i>Science of the Total Environment</i> , 2018, 618, 1591-1604.	3.9	53
105	Multiple stressor effects on biodiversity and ecosystem functioning in a Mediterranean temporary river. <i>Science of the Total Environment</i> , 2019, 647, 1179-1187.	3.9	52
106	ALGAL RESPONSE TO NUTRIENT ENRICHMENT IN FORESTED OLIGOTROPHIC STREAM ¹ . <i>Journal of Phycology</i> , 2008, 44, 564-572.	1.0	51
107	Epilithic diatom assemblages and their relationship to environmental characteristics in an agricultural watershed (Guadiana River, SW Spain). <i>Ecological Indicators</i> , 2009, 9, 693-703.	2.6	51
108	The effect of copper exposure on a simple aquatic food chain. <i>Aquatic Toxicology</i> , 2003, 63, 283-291.	1.9	50

#	ARTICLE	IF	CITATIONS
109	Effect of climate on the trophic structure of temperate forested streams. A comparison of Mediterranean and Atlantic streams. <i>Science of the Total Environment</i> , 2008, 390, 475-484.	3.9	50
110	Increasing extent of periods of no flow in intermittent waterways promotes heterotrophy. <i>Freshwater Biology</i> , 2015, 60, 1810-1823.	1.2	50
111	Dam regulation and riverine food-web structure in a Mediterranean river. <i>Science of the Total Environment</i> , 2018, 625, 301-310.	3.9	50
112	Title is missing!. <i>Journal of Applied Phycology</i> , 2002, 14, 41-48.	1.5	49
113	Responses of biofilms to combined nutrient and metal exposure. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 626-632.	2.2	48
114	The Iberian Rivers. , 2009, , 113-149.		48
115	Significant ecological impact on the progression of fluoroquinolone resistance in <i>Escherichia coli</i> with increased community use of moxifloxacin, levofloxacin and amoxicillin/clavulanic acid. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 664-669.	1.3	48
116	Wastewater pollution differently affects the antibiotic resistance gene pool and biofilm bacterial communities across streambed compartments. <i>Molecular Ecology</i> , 2017, 26, 5567-5581.	2.0	47
117	Comparing the response of biochemical indicators (biomarkers) and biological indices to diagnose the ecological impact of an oil spillage in a Mediterranean river (NE Catalunya, Spain). <i>Chemosphere</i> , 2007, 66, 1206-1216.	4.2	46
118	Effect of nutrients on the sporulation and diversity of aquatic hyphomycetes on submerged substrata in a Mediterranean stream. <i>Aquatic Botany</i> , 2008, 88, 32-38.	0.8	46
119	Understanding effects of global change on river ecosystems: science to support policy in a changing world. <i>Hydrobiologia</i> , 2010, 657, 3-18.	1.0	46
120	Are pharmaceuticals more harmful than other pollutants to aquatic invertebrate species: A hypothesis tested using multi-biomarker and multi-species responses in field collected and transplanted organisms. <i>Chemosphere</i> , 2011, 85, 1548-1554.	4.2	46
121	Assessing and forecasting the impacts of global change on Mediterranean rivers. The SCARCE Consolider project on Iberian basins. <i>Environmental Science and Pollution Research</i> , 2012, 19, 918-933.	2.7	46
122	Hydrological transitions drive dissolved organic matter quantity and composition in a temporary Mediterranean stream. <i>Biogeochemistry</i> , 2015, 123, 429-446.	1.7	46
123	Successional dynamics of the phytoplankton in the lower part of the river Ebro. <i>Journal of Plankton Research</i> , 1990, 12, 573-592.	0.8	45
124	Contamination patterns and attenuation of pharmaceuticals in a temporary Mediterranean river. <i>Science of the Total Environment</i> , 2019, 647, 561-569.	3.9	45
125	Epilithic ectoenzyme activity in a nutrient-rich Mediterranean river. <i>Aquatic Sciences</i> , 1999, 61, 122.	0.6	44
126	Metabolism recovery of a stromatolitic biofilm after drought in a Mediterranean stream fig: 3. <i>Fundamental and Applied Limnology</i> , 1997, 140, 261-271.	0.4	44

#	ARTICLE	IF	CITATIONS
127	Long-term moderate nutrient inputs enhance autotrophy in a forested Mediterranean stream. <i>Freshwater Biology</i> , 2011, 56, 1266-1280.	1.2	43
128	Multiple stressor effects on river biofilms under different hydrological conditions. <i>Freshwater Biology</i> , 2016, 61, 2102-2115.	1.2	43
129	Impact of urban chemical pollution on water quality in small, rural and effluent-dominated Mediterranean streams and rivers. <i>Science of the Total Environment</i> , 2018, 613-614, 763-772.	3.9	43
130	Heterotrophic metabolism in a forest stream sediment: surface versus subsurface zones. <i>Aquatic Microbial Ecology</i> , 1998, 16, 143-151.	0.9	43
131	Metabolic changes associated with biofilm formation in an undisturbed Mediterranean stream. <i>Hydrobiologia</i> , 1996, 335, 107-113.	1.0	42
132	Variable discharge alters habitat suitability for benthic algae and cyanobacteria in a forested Mediterranean stream. <i>Marine and Freshwater Research</i> , 2010, 61, 441.	0.7	42
133	Nutrients versus emerging contaminants—Or a dynamic match between subsidy and stress effects on stream biofilms. <i>Environmental Pollution</i> , 2016, 212, 208-215.	3.7	41
134	The relevance of the community approach linking chemical and biological analyses in pollution assessment. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 619-626.	5.8	40
135	Examining the Demand for Ecosystem Services: The Value of Stream Restoration for Drinking Water Treatment Managers in the Llobregat River, Spain. <i>Ecological Economics</i> , 2013, 90, 196-205.	2.9	39
136	Integrating ecosystem services in river basin management plans. <i>Journal of Applied Ecology</i> , 2016, 53, 865-875.	1.9	39
137	Desiccation events change the microbial response to gradients of wastewater effluent pollution. <i>Water Research</i> , 2019, 151, 371-380.	5.3	39
138	Is chemical contamination linked to the diversity of biological communities in rivers?. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 592-602.	5.8	38
139	Hidden drivers of low-dose pharmaceutical pollutant mixtures revealed by the novel GSA-QHTS screening method. <i>Science Advances</i> , 2016, 2, e1601272.	4.7	38
140	Title is missing!. <i>Biodiversity and Conservation</i> , 2003, 12, 2443-2454.	1.2	37
141	Does Grazing Pressure Modify Diuron Toxicity in a Biofilm Community?. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 58, 955-962.	2.1	37
142	Effects of nutrient inputs in a forested Mediterranean stream under moderate light availability. <i>Archiv für Hydrobiologie</i> , 2005, 163, 479-496.	1.1	36
143	The nematode community in cyanobacterial biofilms in the river Llobregat, Spain. <i>Nematology</i> , 2006, 8, 909-919.	0.2	36
144	What do we still need to know about the ecohydrology of riparian zones?. <i>Ecohydrology</i> , 2010, 3, 373-377.	1.1	36

#	ARTICLE	IF	CITATIONS
145	Drought-induced discontinuities in the source and degradation of dissolved organic matter in a Mediterranean river. <i>Biogeochemistry</i> , 2016, 127, 125-139.	1.7	36
146	The Biota of Intermittent Rivers and Ephemeral Streams: Algae and Vascular Plants. , 2017, , 189-216.		36
147	Algal biomass in a disturbed Atlantic river: water quality relationships and environmental implications. <i>Science of the Total Environment</i> , 2000, 263, 185-195.	3.9	35
148	Influence of Phosphate on the Response of Periphyton to Atrazine Exposure. <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 52, 32-37.	2.1	35
149	Leaf Litter Dynamics and Nitrous Oxide Emission in a Mediterranean Riparian Forest. <i>Journal of Environmental Quality</i> , 2003, 32, 191-197.	1.0	34
150	Differential effects of nutrients and light on the primary production of stream algae and mosses. <i>Fundamental and Applied Limnology</i> , 2007, 170, 1-10.	0.4	34
151	Organic matter characteristics in a Mediterranean stream through amino acid composition: changes driven by intermittency. <i>Aquatic Sciences</i> , 2011, 73, 523-535.	0.6	34
152	Hydrological variation modulates pharmaceutical levels and biofilm responses in a Mediterranean river. <i>Science of the Total Environment</i> , 2014, 472, 1052-1061.	3.9	34
153	The fluvial sediment budget of a dammed river (upper Muga, southern Pyrenees). <i>Geomorphology</i> , 2017, 293, 211-226.	1.1	34
154	Impact of fullerenes in the bioaccumulation and biotransformation of venlafaxine, diuron and triclosan in river biofilms. <i>Environmental Research</i> , 2019, 169, 377-386.	3.7	34
155	Impact and mitigation of global change on freshwater-related ecosystem services in Southern Europe. <i>Science of the Total Environment</i> , 2019, 651, 895-908.	3.9	34
156	Drought episode modulates the response of river biofilms to triclosan. <i>Aquatic Toxicology</i> , 2013, 127, 36-45.	1.9	33
157	Effects of Duration, Frequency, and Severity of the Non-flow Period on Stream Biofilm Metabolism. <i>Ecosystems</i> , 2019, 22, 1393-1405.	1.6	33
158	Wood and leaf debris input in a Mediterranean stream: The influence of riparian vegetation. <i>Fundamental and Applied Limnology</i> , 2001, 153, 91-102.	0.4	33
159	Water quality and diatom communities in two catalan rivers (N.E. Spain). <i>Water Research</i> , 1987, 21, 901-911.	5.3	32
160	Linking in-stream nutrient flux to land use and inter-annual hydrological variability at the watershed scale. <i>Science of the Total Environment</i> , 2012, 440, 72-81.	3.9	32
161	Biofilm functional responses to the rehydration of a dry intermittent stream. <i>Hydrobiologia</i> , 2014, 727, 185-195.	1.0	32
162	An assessment of recent trophic changes in Windermere South Basin (England) based on diatom remains and fossil pigments. <i>Journal of Paleolimnology</i> , 1995, 14, 151-163.	0.8	31

#	ARTICLE	IF	CITATIONS
163	Hydrological characterization of dammed rivers in the NW Mediterranean region. <i>Hydrological Processes</i> , 2016, 30, 1691-1707.	1.1	31
164	Regulation causes nitrogen cycling discontinuities in Mediterranean rivers. <i>Science of the Total Environment</i> , 2016, 540, 168-177.	3.9	31
165	Effects of copper on algal communities at different current velocities. <i>Journal of Applied Phycology</i> , 2002, 14, 391-398.	1.5	30
166	Colonisation of Introduced Timber by Algae and Invertebrates, and its Potential Role in Aquatic Ecosystem Restoration. <i>Hydrobiologia</i> , 2006, 556, 303-316.	1.0	30
167	Effects of Hydrologic Alterations on the Ecological Quality of River Ecosystems. <i>Handbook of Environmental Chemistry</i> , 2009, , 15-39.	0.2	30
168	The dynamics of biofilm bacterial communities is driven by flow wax and wane in a temporary stream. <i>Limnology and Oceanography</i> , 2014, 59, 2057-2067.	1.6	30
169	Invertebrate community responses to urban wastewater effluent pollution under different hydro-morphological conditions. <i>Environmental Pollution</i> , 2019, 252, 483-492.	3.7	30
170	Nutrients and light effects on stream biofilms: a combined assessment with CLSM, structural and functional parameters. <i>Hydrobiologia</i> , 2012, 695, 281-291.	1.0	29
171	Transport of sediment borne contaminants in a Mediterranean river during a high flow event. <i>Science of the Total Environment</i> , 2018, 633, 1392-1402.	3.9	29
172	Protecting U.S. temporary waterways. <i>Science</i> , 2018, 361, 856-857.	6.0	29
173	Delineating the Continuum of Dissolved Organic Matter in Temperate River Networks. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2019GB006495.	1.9	29
174	Contribution of epilithic diatoms to benthic-pelagic coupling in a temperate river. <i>Aquatic Microbial Ecology</i> , 2013, 69, 47-57.	0.9	28
175	Reservoirs override seasonal variability of phytoplankton communities in a regulated Mediterranean river. <i>Science of the Total Environment</i> , 2014, 475, 225-233.	3.9	28
176	Flow regulation increases food chain length through omnivory mechanisms in a Mediterranean river network. <i>Freshwater Biology</i> , 2016, 61, 1536-1549.	1.2	28
177	Effects of nutrient enrichment on epipelagic diatom assemblages in a nutrient-rich lowland stream, Pampa Region, Argentina. <i>Hydrobiologia</i> , 2016, 766, 135-150.	1.0	28
178	Multistressor effects on river biofilms under global change conditions. <i>Science of the Total Environment</i> , 2018, 627, 1-10.	3.9	28
179	Immediate and legacy effects of urban pollution on river ecosystem functioning: A mesocosm experiment. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 960-970.	2.9	28
180	Chemical characteristics of a mediterranean river as influenced by land uses in the watershed. <i>Water Research</i> , 1990, 24, 143-155.	5.3	27

#	ARTICLE	IF	CITATIONS
181	Relating nutrient molar ratios of microbial attached communities to organic matter utilization in a forested stream. <i>Fundamental and Applied Limnology</i> , 2009, 173, 255-264.	0.4	27
182	Fungal and Bacterial Colonization of Submerged Leaf Litter in a Mediterranean Stream. <i>International Review of Hydrobiology</i> , 2011, 96, 221-234.	0.5	27
183	Patterns of biofilm formation in two streams from different bioclimatic regions: analysis of microbial community structure and metabolism. <i>Hydrobiologia</i> , 2012, 695, 83-96.	1.0	27
184	Modelling epilithic biofilms combining hydrodynamics, invertebrate grazing and algal traits. <i>Freshwater Biology</i> , 2014, 59, 1213-1228.	1.2	27
185	Diatom responses to sewage inputs and hydrological alteration in Mediterranean streams. <i>Environmental Pollution</i> , 2018, 238, 369-378.	3.7	27
186	Effects of multiple stressors on river biofilms depend on the time scale. <i>Scientific Reports</i> , 2019, 9, 15810.	1.6	27
187	Unravelling the effects of multiple stressors on diatom and macroinvertebrate communities in European river basins using structural and functional approaches. <i>Science of the Total Environment</i> , 2020, 742, 140543.	3.9	27
188	Effects of removal of riparian vegetation on algae and heterotrophs in a Mediterranean stream. <i>Hydrobiologia</i> , 1997, 6, 129-140.	1.0	25
189	An appraisal of the sediment yield in western Mediterranean river basins. <i>Science of the Total Environment</i> , 2016, 572, 538-553.	3.9	25
190	Influence of grazing on triclosan toxicity to stream periphyton. <i>Freshwater Biology</i> , 2016, 61, 2002-2012.	1.2	25
191	The role of drought in the impact of climatic change on the microbiota of peatland streams. <i>Freshwater Biology</i> , 1994, 32, 223-230.	1.2	24
192	Global pressures, specific responses: effects of nutrient enrichment in streams from different biomes. <i>Environmental Research Letters</i> , 2013, 8, 014002.	2.2	24
193	Biofilm Responses to Flow Regulation by Dams in Mediterranean Rivers. <i>River Research and Applications</i> , 2015, 31, 1003-1016.	0.7	24
194	Aquatic macroinvertebrates under stress: Bioaccumulation of emerging contaminants and metabolomics implications. <i>Science of the Total Environment</i> , 2020, 704, 135333.	3.9	24
195	Stromatolitic communities in Mediterranean streams: adaptations to a changing environment. <i>Biodiversity and Conservation</i> , 2000, 9, 379-392.	1.2	23
196	Factors affecting the periphytic diatom community in Mediterranean coastal wetlands (Emporda) Tj ETQq0 0 0 rgBT JOverlock 10 Tf 50	1.1	23
197	Factors limiting denitrification in a Mediterranean riparian forest. <i>Soil Biology and Biochemistry</i> , 2007, 39, 2685-2688.	4.2	23
198	Contribution of microbial and invertebrate communities to leaf litter colonization in a Mediterranean stream. <i>Journal of the North American Benthological Society</i> , 2009, 28, 34-43.	3.0	23

#	ARTICLE	IF	CITATIONS
199	Small Weirs, Big Effects: Disruption of Water Temperature Regimes with Hydrological Alteration in a Mediterranean Stream. <i>River Research and Applications</i> , 2016, 32, 309-319.	0.7	23
200	Multiple stressor effects on biological quality elements in the Ebro River: Present diagnosis and predicted responses. <i>Science of the Total Environment</i> , 2018, 630, 1608-1618.	3.9	23
201	Occurrence and accumulation of pharmaceutical products in water and biota of urban lowland rivers. <i>Science of the Total Environment</i> , 2022, 828, 154303.	3.9	23
202	Phosphorus use by planktonic communities in a large regulated Mediterranean river. <i>Science of the Total Environment</i> , 2012, 426, 180-187.	3.9	22
203	Photosynthetic pigment changes and adaptations in biofilms in response to flow intermittency. <i>Aquatic Sciences</i> , 2014, 76, 565-578.	0.6	22
204	Fluvial biofilms exposed to desiccation and pharmaceutical pollution: New insights using metabolomics. <i>Science of the Total Environment</i> , 2018, 618, 1382-1388.	3.9	22
205	Relationships between diatom assemblages and physico-chemical variables in the river ter (NE Spain). <i>International Review of Hydrobiology</i> , 1988, 73, 171-179.	0.6	21
206	Combined effects of urban pollution and hydrological stress on ecosystem functions of Mediterranean streams. <i>Science of the Total Environment</i> , 2021, 753, 141971.	3.9	21
207	Diatoms. , 2009, , 149-156.		20
208	Modeling nutrient retention at the watershed scale: Does small stream research apply to the whole river network?. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 728-740.	1.3	20
209	Stoichiometric homeostasis in the food web of a chronically nutrient-rich stream. <i>Freshwater Science</i> , 2014, 33, 820-831.	0.9	20
210	Low contribution of internal metabolism to carbon dioxide emissions along lotic and lentic environments of a Mediterranean fluvial network. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 3030-3044.	1.3	20
211	Structure and architecture of a stromatolite from a Mediterranean stream. <i>Aquatic Microbial Ecology</i> , 2000, 21, 161-168.	0.9	20
212	Measuring discontinuities in the ter river. <i>River Research and Applications</i> , 1989, 3, 133-142.	1.2	19
213	Structure and Activity of Rock and Sand Biofilms in a Mediterranean Stream. <i>Ecology</i> , 2001, 82, 3232.	1.5	19
214	Historical processes constrain metacommunity structure by shaping different pools of invertebrate taxa within the Orinoco basin. <i>Diversity and Distributions</i> , 2020, 26, 49-61.	1.9	19
215	Management actions to mitigate the occurrence of pharmaceuticals in river networks in a global change context. <i>Environment International</i> , 2020, 143, 105993.	4.8	19
216	Organic matter decomposition by fungi in a Mediterranean forested stream : contribution of streambed substrata. <i>Annales De Limnologie</i> , 2004, 40, 269-277.	0.6	18

#	ARTICLE	IF	CITATIONS
217	Water diversion reduces abundance and survival of two Mediterranean cyprinids. <i>Ecology of Freshwater Fish</i> , 2018, 27, 481-491.	0.7	18
218	Factors explaining the patterns of benthic chlorophyll-a distribution in a large agricultural Iberian watershed (Guadiana river). <i>Ecological Indicators</i> , 2014, 36, 463-469.	2.6	17
219	Detection and attribution of global change effects on river nutrient dynamics in a large Mediterranean basin. <i>Biogeosciences</i> , 2015, 12, 4085-4098.	1.3	17
220	Biofilm phosphorus uptake capacity as a tool for the assessment of pollutant effects in river ecosystems. <i>Ecotoxicology</i> , 2017, 26, 271-282.	1.1	17
221	Chemical and Biological Changes in the Ter River Induced by a Series of Reservoirs. , 1987, , 373-382.		17
222	Variability of heterotrophic activity in Mediterranean stream biofilms: A multivariate analysis of physical-chemical and biological factors. <i>Aquatic Sciences</i> , 2000, 62, 205-215.	0.6	16
223	Leaf Litter Dynamics and Nitrous Oxide Emission in a Mediterranean Riparian Forest. <i>Journal of Environmental Quality</i> , 2003, 32, 191.	1.0	16
224	Nuisance odours produced by benthic cyanobacteria in a Mediterranean river. <i>Water Science and Technology</i> , 2004, 49, 25-31.	1.2	16
225	The Llobregat River Basin: A Paradigm of Impaired Rivers Under Climate Change Threats. <i>Handbook of Environmental Chemistry</i> , 2012, , 1-26.	0.2	16
226	Fullerenes Influence the Toxicity of Organic Micro-Contaminants to River Biofilms. <i>Frontiers in Microbiology</i> , 2018, 9, 1426.	1.5	16
227	GLOBAL-FATE (version 1.0.0): A geographical information system (GIS)-based model for assessing contaminants fate in the global river network. <i>Geoscientific Model Development</i> , 2019, 12, 5213-5228.	1.3	16
228	Multiple Stressors Determine Community Structure and Estimated Function of River Biofilm Bacteria. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	16
229	Resource limitation by freshwater snail (<i>Stagnicola vulnerata</i>) grazing pressure: an experimental study.. <i>Fundamental and Applied Limnology</i> , 2000, 148, 517-532.	0.4	16
230	OBSERVACIONES-SOBRE DIATOMEAS CENTRALES DEL FITOPLANCTON DEL RIO EBRO, CON ESPECIAL INTERÉS EN ALGUNAS PEQUEÑAS CYCLOTELLA/ OBSERVATIONS ON CENTRIC DIATOMS OF THE RIVER EBRO PHYTOPLANKTON, WITH SPECIAL INTEREST ON SOME SMALL CYCLOTELLA.. <i>Diatom Research</i> , 1990, 5, 141-154.	0.5	15
231	Effects of olive mill wastewater discharge on benthic biota in Mediterranean streams. <i>Environmental Pollution</i> , 2019, 254, 113057.	3.7	15
232	Duration of water flow interruption drives the structure and functional diversity of stream benthic diatoms. <i>Science of the Total Environment</i> , 2021, 770, 144675.	3.9	15
233	A guideline to frame stressor effects in freshwater ecosystems. <i>Science of the Total Environment</i> , 2021, 777, 146112.	3.9	15
234	Periphyton as biological indicators in managed aquatic ecosystems.. , 2005, , 159-177.		15

#	ARTICLE	IF	CITATIONS
235	Longitudinal changes of benthic algal biomass in a mediterranean river during two high production periods. <i>Archiv Für Hydrobiologie</i> , 1992, 124, 475-487.	1.1	15
236	The Iberian rivers. , 2022, , 181-224.		15
237	Weak Coherence in Abundance Patterns Between Bacterial Classes and Their Constituent OTUs Along a Regulated River. <i>Frontiers in Microbiology</i> , 2015, 6, 1293.	1.5	14
238	Effects of biofilm on river-bed scour. <i>Science of the Total Environment</i> , 2016, 572, 1033-1046.	3.9	14
239	Microbial carbon processing along a river discontinuum. <i>Freshwater Science</i> , 2016, 35, 1133-1147.	0.9	14
240	A stromatolitic cyanobacterial crust in a Mediterranean stream optimizes organic matter use. <i>Aquatic Microbial Ecology</i> , 1998, 16, 131-141.	0.9	14
241	Composition and dynamics of a highly diverse diatom assemblage in a limestone stream. <i>Hydrobiologia</i> , 1990, 190, 43-53.	1.0	13
242	Nutrient attenuation dynamics in effluent dominated watercourses. <i>Water Research</i> , 2019, 160, 330-338.	5.3	13
243	Colombian ecosystems at the crossroad after the new peace deal. <i>Biodiversity and Conservation</i> , 2017, 26, 3505-3507.	1.2	12
244	Physico-Chemical Disturbances Associated with Spatial and Temporal Variation in a Mediterranean River. <i>Journal of the North American Benthological Society</i> , 1991, 10, 2-13.	3.0	11
245	Geosmin occurrence in riverine cyanobacterial mats: is it causing a significant health hazard?. <i>Water Science and Technology</i> , 2004, 49, 307-312.	1.2	11
246	Is the biological classification of benthic diatom communities concordant with ecotypes?. <i>Hydrobiologia</i> , 2012, 695, 43-55.	1.0	11
247	Does the severity of non-flow periods influence ecosystem structure and function of temporary streams? A mesocosm study. <i>Freshwater Biology</i> , 2018, 63, 613-625.	1.2	11
248	<i>Nostoc verrucosum</i> (cyanobacteria) colonized by a chironomid larva in a mediterranean stream (Note) â€. <i>Journal of Phycology</i> , 2000, 36, 59-61.	1.0	10
249	Identifying reference benthic diatom communities in an agricultural watershed (Gudiana River, SW) Tj ETQq1 1 0.784314 rgBT /Overbo	1.0	10
250	Defining Multiple Stressor Implications. , 2019, , 1-22.		10
251	Bioconcentration and bioaccumulation of C60 fullerene and C60 epoxide in biofilms and freshwater snails (<i>Radix</i> sp.). <i>Environmental Research</i> , 2020, 180, 108715.	3.7	10
252	Does biofilm origin matter? Biofilm responses to non-flow period in permanent and temporary streams. <i>Freshwater Biology</i> , 2020, 65, 514-523.	1.2	10

#	ARTICLE	IF	CITATIONS
253	Duration and frequency of non-flow periods affect the abundance and diversity of stream meiofauna. <i>Freshwater Biology</i> , 2020, 65, 1906-1922.	1.2	10
254	Local and regional environmental factors drive the spatial distribution of phototrophic biofilm assemblages in Mediterranean streams. <i>Hydrobiologia</i> , 2020, 847, 2321-2336.	1.0	10
255	Framing biophysical and societal implications of multiple stressor effects on river networks. <i>Science of the Total Environment</i> , 2021, 753, 141973.	3.9	10
256	Historical legacies and contemporary processes shape beta diversity in Neotropical montane streams. <i>Journal of Biogeography</i> , 2021, 48, 101-117.	1.4	10
257	Nutrient and enzymatic adaptations of stream biofilms to changes in nitrogen and phosphorus supply. <i>Aquatic Microbial Ecology</i> , 2015, 75, 91-102.	0.9	10
258	Ecological factors that co-occur with geosmin production by benthic cyanobacteria. The case of the Llobregat River. <i>Algological Studies</i> , 2003, 109, 579-592.	0.1	9
259	Flood disturbance effects on benthic diatom assemblage structure in a semiarid river network. <i>Journal of Phycology</i> , 2015, 51, 133-143.	1.0	9
260	Using equilibrium temperature to assess thermal disturbances in rivers. <i>Hydrological Processes</i> , 2015, 29, 4350-4360.	1.1	9
261	Identifying regions vulnerable to habitat degradation under future irrigation scenarios. <i>Environmental Research Letters</i> , 2016, 11, 114025.	2.2	9
262	Modeling the sedimentary response of a large Pyrenean basin to global change. <i>Journal of Soils and Sediments</i> , 2017, 17, 2677-2690.	1.5	9
263	Exposure to single and binary mixtures of fullerenes and triclosan: Reproductive and behavioral effects in the freshwater snail <i>Radix balthica</i> . <i>Environmental Research</i> , 2019, 176, 108565.	3.7	9
264	Structural heterogeneity in cyanobacterial mats is associated with geosmin production in rivers. <i>Phycologia</i> , 2005, 44, 678-684.	0.6	8
265	The Physical Framework and Historic Human Influences in the Ebro River. <i>Handbook of Environmental Chemistry</i> , 2010, , 1-20.	0.2	8
266	Establishing potential links between the presence of alkylphenolic compounds and the benthic community in a European river basin. <i>Environmental Science and Pollution Research</i> , 2012, 19, 934-945.	2.7	8
267	BALANCING CONSERVATION NEEDS WITH USES OF RIVER ECOSYSTEMS. <i>Acta Biologica Colombiana</i> , 2013, 19, 3.	0.1	8
268	Water abstraction affects abundance, size-structure and growth of two threatened cyprinid fishes. <i>PLoS ONE</i> , 2017, 12, e0175932.	1.1	8
269	Upstream refugia and dispersal ability may override benthic-community responses to high-Andean streams deforestation. <i>Biodiversity and Conservation</i> , 2019, 28, 1513-1531.	1.2	8
270	Lifestyle preferences drive the structure and diversity of bacterial and archaeal communities in a small riverine reservoir. <i>Scientific Reports</i> , 2020, 10, 11288.	1.6	8

#	ARTICLE	IF	CITATIONS
271	Occurrence of regulated pollutants in populated Mediterranean basins: Ecotoxicological risk and effects on biological quality. <i>Science of the Total Environment</i> , 2020, 747, 141224.	3.9	8
272	Ecoregional Characteristics Drive the Distribution Patterns of Neotropical Stream Diatoms. <i>Journal of Phycology</i> , 2020, 56, 1053-1065.	1.0	8
273	Energy limitation or sensitive predators? Trophic and non-trophic impacts of wastewater pollution on stream food webs. <i>Ecology</i> , 2022, 103, e03587.	1.5	8
274	Primary production of epilithic communities in undisturbed Mediterranean streams. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 1994, 25, 1761-1764.	0.1	7
275	In-Stream Nutrient Flux and Retention in Relation to Land Use in the Llobregat River Basin. <i>Handbook of Environmental Chemistry</i> , 2012, , 69-92.	0.2	7
276	Epilithic biofilm metabolism during the high water flow period in an Andean neotropical stream. <i>Hydrobiologia</i> , 2014, 728, 41-50.	1.0	7
277	Ecophysiology of River Algae. , 2016, , 197-217.		7
278	Foreword: Global change and river ecosystemsâ€™ implications for structure, function, and ecosystem services. <i>Hydrobiologia</i> , 2010, 657, 1-2.	1.0	5
279	Summary, Implications and Recommendations for the Occurrence and Effects of Multiple Stressors in River Ecosystems. , 2019, , 375-380.		5
280	Assessing the ecological integrity after nutrient inputs in streams: The relevance of the observation scale. <i>Aquatic Ecosystem Health and Management</i> , 2005, 8, 397-403.	0.3	4
281	Effects of Emerging Contaminants on Biodiversity, Community Structure, and Adaptation of River Biota. <i>Handbook of Environmental Chemistry</i> , 2015, , 79-119.	0.2	4
282	Biofilm pigments in temporary streams indicate duration and severity of drying. <i>Limnology and Oceanography</i> , 2021, 66, 3313-3326.	1.6	4
283	Securing Biodiversity, Functional Integrity, and Ecosystem Services in Drying River Networks (DRYVER). <i>Research Ideas and Outcomes</i> , 0, 7, .	1.0	4
284	Understanding effects of global change on water quantity and quality in river basins- The SCARCE Project. <i>Environmental Science and Pollution Research</i> , 2012, 19, 915-917.	2.7	3
285	Biochemical quality of basal resources in a forested stream: effects of nutrient enrichment. <i>Aquatic Sciences</i> , 2017, 79, 99-112.	0.6	3
286	Impacts of climate change on stream benthic diatomsâ€™ a nation-wide perspective of reference conditions. <i>Hydrobiologia</i> , 2022, 849, 1821-1837.	1.0	3
287	Algae in urban drinking waters in N.E. Spain. <i>Journal of Applied Phycology</i> , 1995, 7, 455-460.	1.5	2
288	The Role of Floodplains in Mitigating Diffuse Nitrate Pollution. , 0, , 253-268.		2

#	ARTICLE	IF	CITATIONS
289	Aquatic and Riparian Biodiversity in the Ebro Watershed: Prospects and Threats. Handbook of Environmental Chemistry, 2010, , 121-138.	0.2	2
290	Ecological Relevance of Key Toxicants in Aquatic Systems. Handbook of Environmental Chemistry, 2011, , 315-339.	0.2	2
291	Ecosystem Services in an Impacted Watershed. Handbook of Environmental Chemistry, 2012, , 347-368.	0.2	2
292	The Effect of Multiple Stressors on Biological Communities in the Llobregat. Handbook of Environmental Chemistry, 2012, , 93-116.	0.2	2
293	Foreword. Science of the Total Environment, 2014, 475, 157.	3.9	2
294	<i>In response</i>: The evidenceâ€”What actions are needed to effectively transfer from science to policy? An academic perspective. Environmental Toxicology and Chemistry, 2015, 34, 1208-1210.	2.2	2
295	Microbial Ecotoxicology: Looking to the Future. , 2017, , 339-352.		2
296	Diet quality and NSAIDs promote changes in formation of prostaglandins by an aquatic invertebrate. Chemosphere, 2020, 257, 126892.	4.2	2
297	Evaluating Ecological Integrity in Multistressed Rivers: From the Currently Used Biotic Indices to Newly Developed Approaches Using Biofilms and Invertebrates. Handbook of Environmental Chemistry, 2012, , 219-241.	0.2	2
298	Comparing fish assemblages and trophic ecology of permanent and intermittent reaches in a Mediterranean stream. , 2010, , 167-180.		2
299	INTEGRATING CHEMICAL AND BIOLOGICAL STATUS ASSESSMENT: ASSEMBLING LINES OF EVIDENCE FOR THE EVALUATION OF RIVER ECOSYSTEM RISK. Acta Biologica Colombiana, 2013, 19, 25.	0.1	2
300	Experiences and Lessons Learned on the Implementation of the Water Framework Directive in Selected European River Basins. Handbook of Environmental Chemistry, 2010, , 373-424.	0.2	1
301	Intercalibration of ecological quality in European Mediterranean rivers. Science of the Total Environment, 2014, 476-477, 743-744.	3.9	1
302	Application of Microcosm and Mesocosm Experiments to Pollutant Effects in Biofilms. Springer Protocols, 2015, , 135-151.	0.1	1
303	Collection and Processing of River Organisms and Water Column Organisms. Springer Protocols, 2015, , 219-228.	0.1	1
304	Nutrient stream attenuation is altered by the duration and frequency of flow intermittency. Ecohydrology, 0, , e2351.	1.1	1
305	Organic matter availability during pre- and post-drought periods in a Mediterranean stream. , 2010, , 217-232.		1
306	Variabilidad espacial y temporal de la calidad del agua en el rÃo Urola (Guipuzkoa). IngenierÃa Del Agua, 1998, 5, .	0.2	1

#	ARTICLE	IF	CITATIONS
307	Foreword: Global change and river ecosystemsâ€™ implications for structure, function, and ecosystem services. , 2010, , 1-2.		1
308	Understanding effects of global change on river ecosystems: science to support policy in a changing world. , 2010, , 3-18.		1
309	Drivers of the diversity of diatoms in an oligotrophic Andean stream. , 2022, 58, 2.		1
310	Physiological Diversity and its Ecological Implications BY JOHN I. SPICER AND KEVIN J. GASTON x + 241 pp., 24.4 Å— 17.3 Å— 14.0 cm, ISBN 0 632 0545 2 paperback, GB Â£29.50, Oxford, UK: Blackwell Science, 1999. Environmental Conservation, 2001, 28, 86-94.	0.7	0
311	The Challenge : Assessing the effects of chemicals in freshwaters under multiple stress. Environmental Toxicology and Chemistry, 2015, 34, 1206-1206.	2.2	0
312	Ecosystem Responses to Emerging Contaminants: Fate and Effects of Pharmaceuticals in a Mediterranean River. Handbook of Environmental Chemistry, 2015, , 143-158.	0.2	0
313	An Introduction to the Geography of Multiple Stressors. , 2019, , 131-137.		0
314	Green and brown stream trophic food chains show specific responses to constant or hump-shaped inputs of copper. Science of the Total Environment, 2022, 807, 150740.	3.9	0