

Sergi Sabater

List of Publications by Year in descending order

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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	Green and brown stream trophic food chains show specific responses to constant or hump-shaped inputs of copper. <i>Science of the Total Environment</i> , 2022, 807, 150740.	3.9	0
2	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
3	The Iberian rivers. , 2022, , 181-224.		15
4	Impacts of climate change on stream benthic diatoms—a nation-wide perspective of reference conditions. <i>Hydrobiologia</i> , 2022, 849, 1821-1837.	1.0	3
5	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
6	Drivers of the diversity of diatoms in an oligotrophic Andean stream. , 2022, 58, 2.		1
7	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
8	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
9	Historical legacies and contemporary processes shape beta diversity in Neotropical montane streams. <i>Journal of Biogeography</i> , 2021, 48, 101-117.	1.4	10
10	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
11	Biofilm pigments in temporary streams indicate duration and severity of drying. <i>Limnology and Oceanography</i> , 2021, 66, 3313-3326.	1.6	4
12	A guideline to frame stressor effects in freshwater ecosystems. <i>Science of the Total Environment</i> , 2021, 777, 146112.	3.9	15
13	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
14	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
15	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
16	Aquatic macroinvertebrates under stress: Bioaccumulation of emerging contaminants and metabolomics implications. <i>Science of the Total Environment</i> , 2020, 704, 135333.	3.9	24
17	Delineating the Continuum of Dissolved Organic Matter in Temperate River Networks. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2019GB006495.	1.9	29
18	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

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19	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
20	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
21	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
22	Diet quality and NSAIDs promote changes in formation of prostaglandins by an aquatic invertebrate. <i>Chemosphere</i> , 2020, 257, 126892.	4.2	2
23	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
24	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
25	Multiple Stressors Determine Community Structure and Estimated Function of River Biofilm Bacteria. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	16
26	Ecoregional Characteristics Drive the Distribution Patterns of Neotropical Stream Diatoms. <i>Journal of Phycology</i> , 2020, 56, 1053-1065.	1.0	8
27	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
28	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
29	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
30	Effects of olive mill wastewater discharge on benthic biota in Mediterranean streams. <i>Environmental Pollution</i> , 2019, 254, 113057.	3.7	15
31	Effects of multiple stressors on river biofilms depend on the time scale. <i>Scientific Reports</i> , 2019, 9, 15810.	1.6	27
32	Invertebrate community responses to urban wastewater effluent pollution under different hydro-morphological conditions. <i>Environmental Pollution</i> , 2019, 252, 483-492.	3.7	30
33	Nutrient attenuation dynamics in effluent dominated watercourses. <i>Water Research</i> , 2019, 160, 330-338.	5.3	13
34	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
35	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
36	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

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37	Defining Multiple Stressor Implications. , 2019, , 1-22.		10
38	An Introduction to the Geography of Multiple Stressors. , 2019, , 131-137.		0
39	Summary, Implications and Recommendations for the Occurrence and Effects of Multiple Stressors in River Ecosystems. , 2019, , 375-380.		5
40	Immediate and legacy effects of urban pollution on river ecosystem functioning: A mesocosm experiment. Ecotoxicology and Environmental Safety, 2019, 169, 960-970.	2.9	28
41	Desiccation events change the microbial response to gradients of wastewater effluent pollution. Water Research, 2019, 151, 371-380.	5.3	39
42	Protecting and restoring Europe's waters: An analysis of the future development needs of the Water Framework Directive. Science of the Total Environment, 2019, 658, 1228-1238.	3.9	295
43	Impact of fullerenes in the bioaccumulation and biotransformation of venlafaxine, diuron and triclosan in river biofilms. Environmental Research, 2019, 169, 377-386.	3.7	34
44	Impact and mitigation of global change on freshwater-related ecosystem services in Southern Europe. Science of the Total Environment, 2019, 651, 895-908.	3.9	34
45	Transport of sediment borne contaminants in a Mediterranean river during a high flow event. Science of the Total Environment, 2018, 633, 1392-1402.	3.9	29
46	Multistressor effects on river biofilms under global change conditions. Science of the Total Environment, 2018, 627, 1-10.	3.9	28
47	Dam regulation and riverine food-web structure in a Mediterranean river. Science of the Total Environment, 2018, 625, 301-310.	3.9	50
48	Multiple stressor effects on biological quality elements in the Ebro River: Present diagnosis and predicted responses. Science of the Total Environment, 2018, 630, 1608-1618.	3.9	23
49	Diatom responses to sewage inputs and hydrological alteration in Mediterranean streams. Environmental Pollution, 2018, 238, 369-378.	3.7	27
50	Emerging contaminants and nutrients synergistically affect the spread of class 1 integron-integrase (intl1) and sul1 genes within stable streambed bacterial communities. Water Research, 2018, 138, 77-85.	5.3	82
51	Does the severity of non-flow periods influence ecosystem structure and function of temporary streams? A mesocosm study. Freshwater Biology, 2018, 63, 613-625.	1.2	11
52	Water diversion reduces abundance and survival of two Mediterranean cyprinids. Ecology of Freshwater Fish, 2018, 27, 481-491.	0.7	18
53	Fluvial biofilms exposed to desiccation and pharmaceutical pollution: New insights using metabolomics. Science of the Total Environment, 2018, 618, 1382-1388.	3.9	22
54	Assessing the ecological effects of water stress and pollution in a temporary river - Implications for water management. Science of the Total Environment, 2018, 618, 1591-1604.	3.9	53

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55	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
56	Ecotoxicological effects of carbon based nanomaterials in aquatic organisms. <i>Science of the Total Environment</i> , 2018, 619-620, 328-337.	3.9	154
57	Protecting U.S. temporary waterways. <i>Science</i> , 2018, 361, 856-857.	6.0	29
58	Effects of human-driven water stress on river ecosystems: a meta-analysis. <i>Scientific Reports</i> , 2018, 8, 11462.	1.6	104
59	Fullerenes Influence the Toxicity of Organic Micro-Contaminants to River Biofilms. <i>Frontiers in Microbiology</i> , 2018, 9, 1426.	1.5	16
60	Biochemical quality of basal resources in a forested stream: effects of nutrient enrichment. <i>Aquatic Sciences</i> , 2017, 79, 99-112.	0.6	3
61	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
62	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
63	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
64	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
65	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
66	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
67	The fluvial sediment budget of a dammed river (upper Muga, southern Pyrenees). <i>Geomorphology</i> , 2017, 293, 211-226.	1.1	34
68	Microbial Ecotoxicology: Looking to the Future. , 2017, , 339-352.		2
69	Colombian ecosystems at the crossroad after the new peace deal. <i>Biodiversity and Conservation</i> , 2017, 26, 3505-3507.	1.2	12
70	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
71	The Biota of Intermittent Rivers and Ephemeral Streams: Algae and Vascular Plants. , 2017, , 189-216.		36
72	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

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73	Water abstraction affects abundance, size-structure and growth of two threatened cyprinid fishes. PLoS ONE, 2017, 12, e0175932.	1.1	8
74	Stream Biofilm Responses to Flow Intermittency: From Cells to Ecosystems. Frontiers in Environmental Science, 2016, 4, .	1.5	88
75	Runoff Trends Driven by Climate and Afforestation in a Pyrenean Basin. Land Degradation and Development, 2016, 27, 823-838.	1.8	94
76	Multiple stressor effects on river biofilms under different hydrological conditions. Freshwater Biology, 2016, 61, 2102-2115.	1.2	43
77	Integrating ecosystem services in river basin management plans. Journal of Applied Ecology, 2016, 53, 865-875.	1.9	39
78	Identifying regions vulnerable to habitat degradation under future irrigation scenarios. Environmental Research Letters, 2016, 11, 114025.	2.2	9
79	Attenuation of pharmaceuticals and their transformation products in a wastewater treatment plant and its receiving river ecosystem. Water Research, 2016, 100, 126-136.	5.3	86
80	Flow regulation increases food chain length through omnivory mechanisms in a Mediterranean river network. Freshwater Biology, 2016, 61, 1536-1549.	1.2	28
81	Effects of biofilm on river-bed scour. Science of the Total Environment, 2016, 572, 1033-1046.	3.9	14
82	An appraisal of the sediment yield in western Mediterranean river basins. Science of the Total Environment, 2016, 572, 538-553.	3.9	25
83	Influence of grazing on triclosan toxicity to stream periphyton. Freshwater Biology, 2016, 61, 2002-2012.	1.2	25
84	Low contribution of internal metabolism to carbon dioxide emissions along lotic and lentic environments of a Mediterranean fluvial network. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 3030-3044.	1.3	20
85	Hidden drivers of low-dose pharmaceutical pollutant mixtures revealed by the novel GSA-QHTS screening method. Science Advances, 2016, 2, e1601272.	4.7	38
86	Microbial carbon processing along a river discontinuum. Freshwater Science, 2016, 35, 1133-1147.	0.9	14
87	Ecophysiology of River Algae. , 2016, , 197-217.		7
88	Shared effects of organic microcontaminants and environmental stressors on biofilms and invertebrates in impaired rivers. Environmental Pollution, 2016, 210, 303-314.	3.7	63
89	Hydrological characterization of dammed rivers in the NW Mediterranean region. Hydrological Processes, 2016, 30, 1691-1707.	1.1	31
90	Small Weirs, Big Effects: Disruption of Water Temperature Regimes with Hydrological Alteration in a Mediterranean Stream. River Research and Applications, 2016, 32, 309-319.	0.7	23

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91	Nutrients versus emerging contaminantsâ€œOr a dynamic match between subsidy and stress effects on stream biofilms. <i>Environmental Pollution</i> , 2016, 212, 208-215.	3.7	41
92	When Water Vanishes: Magnitude and Regulation of Carbon Dioxide Emissions from Dry Temporary Streams. <i>Ecosystems</i> , 2016, 19, 710-723.	1.6	70
93	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
94	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
95	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
96	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
97	Regulation causes nitrogen cycling discontinuities in Mediterranean rivers. <i>Science of the Total Environment</i> , 2016, 540, 168-177.	3.9	31
98	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
99	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
100	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
101	Application of Microcosm and Mesocosm Experiments to Pollutant Effects in Biofilms. <i>Springer Protocols</i> , 2015, , 135-151.	0.1	1
102	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
103	<i>In response</i>: The evidenceâ€œWhat actions are needed to effectively transfer from science to policy? An academic perspective. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1208-1210.	2.2	2
104	Collection and Processing of River Organisms and Water Column Organisms. <i>Springer Protocols</i> , 2015, , 219-228.	0.1	1
105	Increasing extent of periods of no flow in intermittent waterways promotes heterotrophy. <i>Freshwater Biology</i> , 2015, 60, 1810-1823.	1.2	50
106	The Challenge : Assessing the effects of chemicals in freshwaters under multiple stress. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1206-1206.	2.2	0
107	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
108	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

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109	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
110	Hydrological transitions drive dissolved organic matter quantity and composition in a temporary Mediterranean stream. <i>Biogeochemistry</i> , 2015, 123, 429-446.	1.7	46
111	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
112	Balancing the health benefits and environmental risks of pharmaceuticals: Diclofenac as an example. <i>Environment International</i> , 2015, 85, 327-333.	4.8	171
113	Ecosystem Responses to Emerging Contaminants: Fate and Effects of Pharmaceuticals in a Mediterranean River. <i>Handbook of Environmental Chemistry</i> , 2015, , 143-158.	0.2	0
114	Using equilibrium temperature to assess thermal disturbances in rivers. <i>Hydrological Processes</i> , 2015, 29, 4350-4360.	1.1	9
115	Biofilm Responses to Flow Regulation by Dams in Mediterranean Rivers. <i>River Research and Applications</i> , 2015, 31, 1003-1016.	0.7	24
116	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
117	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
118	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
119	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
120	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
121	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
122	Stoichiometric homeostasis in the food web of a chronically nutrient-rich stream. <i>Freshwater Science</i> , 2014, 33, 820-831.	0.9	20
123	Photosynthetic pigment changes and adaptations in biofilms in response to flow intermittency. <i>Aquatic Sciences</i> , 2014, 76, 565-578.	0.6	22
124	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
125	Intercalibration of ecological quality in European Mediterranean rivers. <i>Science of the Total Environment</i> , 2014, 476-477, 743-744.	3.9	1
126	Epilithic biofilm metabolism during the high water flow period in an Andean neotropical stream. <i>Hydrobiologia</i> , 2014, 728, 41-50.	1.0	7

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127	Biofilm functional responses to the rehydration of a dry intermittent stream. <i>Hydrobiologia</i> , 2014, 727, 185-195.	1.0	32
128	Why Should We Care About Temporary Waterways?. <i>Science</i> , 2014, 343, 1080-1081.	6.0	270
129	Flow regulation by dams affects ecosystem metabolism in Mediterranean rivers. <i>Freshwater Biology</i> , 2014, 59, 1816-1829.	1.2	58
130	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
131	Least Disturbed Condition for European Mediterranean rivers. <i>Science of the Total Environment</i> , 2014, 476-477, 745-756.	3.9	80
132	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
133	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
134	Modelling epilithic biofilms combining hydrodynamics, invertebrate grazing and algal traits. <i>Freshwater Biology</i> , 2014, 59, 1213-1228.	1.2	27
135	Assessing the Impact of Multiple Stressors on Aquatic Biota: The Receptor's Side Matters. <i>Environmental Science & Technology</i> , 2014, 48, 7690-7696.	4.6	145
136	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
137	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
138	Foreword. <i>Science of the Total Environment</i> , 2014, 475, 157.	3.9	2
139	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
140	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
141	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
142	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
143	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
144	Response of biofilm bacterial communities to antibiotic pollutants in a Mediterranean river. <i>Chemosphere</i> , 2013, 92, 1126-1135.	4.2	102

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145	Microbial biofilm structure and organic matter use in mediterranean streams. <i>Hydrobiologia</i> , 2013, 719, 43-58.	1.0	74
146	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
147	Drought episode modulates the response of river biofilms to triclosan. <i>Aquatic Toxicology</i> , 2013, 127, 36-45.	1.9	33
148	Effects of large river dam regulation on bacterioplankton community structure. <i>FEMS Microbiology Ecology</i> , 2013, 84, 316-331.	1.3	104
149	Interaction between local hydrodynamics and algal community in epilithic biofilm. <i>Water Research</i> , 2013, 47, 2153-2163.	5.3	70
150	Contribution of epilithic diatoms to benthic-pelagic coupling in a temperate river. <i>Aquatic Microbial Ecology</i> , 2013, 69, 47-57.	0.9	28
151	Effects of pesticides and pharmaceuticals on biofilms in a highly impacted river. <i>Environmental Pollution</i> , 2013, 178, 220-228.	3.7	107
152	The effects of land use changes on streams and rivers in mediterranean climates. <i>Hydrobiologia</i> , 2013, 719, 383-425.	1.0	142
153	Global pressures, specific responses: effects of nutrient enrichment in streams from different biomes. <i>Environmental Research Letters</i> , 2013, 8, 014002.	2.2	24
154	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
155	BALANCING CONSERVATION NEEDS WITH USES OF RIVER ECOSYSTEMS. <i>Acta Biologica Colombiana</i> , 2013, 19, 3.	0.1	8
156	INTEGRATING CHEMICAL AND BIOLOGICAL STATUS ASSESSMENT: ASSEMBLING LINES OF EVIDENCE FOR THE EVALUATION OF RIVER ECOSYSTEM RISK. <i>Acta Biologica Colombiana</i> , 2013, 19, 25.	0.1	2
157	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
158	Ecosystem Services in an Impacted Watershed. <i>Handbook of Environmental Chemistry</i> , 2012, , 347-368.	0.2	2
159	The Effect of Multiple Stressors on Biological Communities in the Llobregat. <i>Handbook of Environmental Chemistry</i> , 2012, , 93-116.	0.2	2
160	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
161	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
162	Identifying reference benthic diatom communities in an agricultural watershed (Guadiana River, SW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	10

#	ARTICLE	IF	CITATIONS
163	Consistency in Diatom Response to Metal-Contaminated Environments. Handbook of Environmental Chemistry, 2012, , 117-146.	0.2	59
164	Labile and Recalcitrant Organic Matter Utilization by River Biofilm Under Increasing Water Temperature. Microbial Ecology, 2012, 64, 593-604.	1.4	57
165	Linking in-stream nutrient flux to land use and inter-annual hydrological variability at the watershed scale. Science of the Total Environment, 2012, 440, 72-81.	3.9	32
166	Is the biological classification of benthic diatom communities concordant with ecotypes?. Hydrobiologia, 2012, 695, 43-55.	1.0	11
167	Patterns of biofilm formation in two streams from different bioclimatic regions: analysis of microbial community structure and metabolism. Hydrobiologia, 2012, 695, 83-96.	1.0	27
168	Establishing potential links between the presence of alkylphenolic compounds and the benthic community in a European river basin. Environmental Science and Pollution Research, 2012, 19, 934-945.	2.7	8
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