Sergi Sabater

List of Publications by Year
in descending order

314 papers	15,958 citations	10389 72 h-index	28297 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. Science of the Total Environment, 2022, 807, 150740.	8.0	0
2	Energy limitation or sensitive predators? Trophic and nonâ€trophic impacts of wastewater pollution on stream food webs. Ecology, 2022, 103, e03587.	3.2	8
3	The Iberian rivers. , 2022, , 181-224.		15
4	Impacts of climate change on stream benthic diatomsâ€”a nation-wide perspective of reference conditions. Hydrobiologia, 2022, 849, 1821-1837.	2.0	3
5	Occurrence and accumulation of pharmaceutical products in water and biota of urban lowland rivers. Science of the Total Environment, 2022, 828, 154303.	8.0	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. Science of the Total Environment, 2021, 753, 141971.	8.0	21
8	Framing biophysical and societal implications of multiple stressor effects on river networks. Science of the Total Environment, 2021, 753, 141973.	8.0	10
9	Historical legacies and contemporary processes shape beta diversity in Neotropical montane streams. Journal of Biogeography, 2021, 48, 101-117.	3.0	10
10	Duration of water flow interruption drives the structure and functional diversity of stream benthic diatoms. Science of the Total Environment, 2021, 770, 144675.	8.0	15
11	Biofilm pigments in temporary streams indicate duration and severity of drying. Limnology and Oceanography, 2021, 66, 3313-3326.	3.1	4
12	A guideline to frame stressor effects in freshwater ecosystems. Science of the Total Environment, 2021, 777, 146112.	8.0	15
13	Bioconcentration and bioaccumulation of C60 fullerene and C60 epoxide in biofilms and freshwater snails (Radix sp.). Environmental Research, 2020, 180, 108715.	7.5	10
14	Historical processes constrain metacommunity structure by shaping different pools of invertebrate taxa within the Orinoco basin. Diversity and Distributions, 2020, 26, 49-61.	4.1	19
15	Does biofilm origin matter? Biofilm responses to nonâ€flow period in permanent and temporary streams. Freshwater Biology, 2020, 65, 514-523.	2.4	10
16	Aquatic macroinvertebrates under stress: Bioaccumulation of emerging contaminants and metabolomics implications. Science of the Total Environment, 2020, 704, 135333.	8.0	24
17	Delineating the Continuum of Dissolved Organic Matter in Temperate River Networks. Global Biogeochemical Cycles, 2020, 34, e2019GB006495.	4.9	29
18	Lifestyle preferences drive the structure and diversity of bacterial and archaeal communities in a small riverine reservoir. Scientific Reports, 2020, 10, 11288.	3.3	8

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19	Occurrence of regulated pollutants in populated Mediterranean basins: Ecotoxicological risk and effects on biological quality. Science of the Total Environment, 2020, 747, 141224.	8.0	8
20	Duration and frequency of nonâ€flow periods affect the abundance and diversity of stream meiofauna. Freshwater Biology, 2020, 65, 1906-1922.	2.4	10
21	Management actions to mitigate the occurrence of pharmaceuticals in river networks in a global change context. Environment International, 2020, 143, 105993.	10.0	19
22	Diet quality and NSAIDs promote changes in formation of prostaglandins by an aquatic invertebrate. Chemosphere, 2020, 257, 126892.	8.2	2
23	Local and regional environmental factors drive the spatial distribution of phototrophic biofilm assemblages in Mediterranean streams. Hydrobiologia, 2020, 847, 2321-2336.	2.0	10
24	Unravelling the effects of multiple stressors on diatom and macroinvertebrate communities in European river basins using structural and functional approaches. Science of the Total Environment, 2020, 742, 140543.	8.0	27
25	Multiple Stressors Determine Community Structure and Estimated Function of River Biofilm Bacteria. Applied and Environmental Microbiology, 2020, 86, .	3.1	16
26	Ecoregional Characteristics Drive the Distribution Patterns of Neotropical Stream Diatoms. Journal of Phycology, 2020, 56, 1053-1065.	2.3	8
27	Contamination patterns and attenuation of pharmaceuticals in a temporary Mediterranean river. Science of the Total Environment, 2019, 647, 561-569.	8.0	45
28	Multiple stressor effects on biodiversity and ecosystem functioning in a Mediterranean temporary river. Science of the Total Environment, 2019, 647, 1179-1187.	8.0	52
29	Exposure to single and binary mixtures of fullerenes and triclosan: Reproductive and behavioral effects in the freshwater snail Radix balthica. Environmental Research, 2019, 176, 108565.	7.5	9
30	Effects of olive mill wastewater discharge on benthic biota in Mediterranean streams. Environmental Pollution, 2019, 254, 113057.	7.5	15
31	Effects of multiple stressors on river biofilms depend on the time scale. Scientific Reports, 2019, 9, 15810.	3.3	27
32	Invertebrate community responses to urban wastewater effluent pollution under different hydro-morphological conditions. Environmental Pollution, 2019, 252, 483-492.	7.5	30
33	Nutrient attenuation dynamics in effluent dominated watercourses. Water Research, 2019, 160, 330-338.	11.3	13
34	Effects of Duration, Frequency, and Severity of the Non-flow Period on Stream Biofilm Metabolism. Ecosystems, 2019, 22, 1393-1405.	3.4	33
35	Upstream refugia and dispersal ability may override benthic-community responses to high-Andean streams deforestation. Biodiversity and Conservation, 2019, 28, 1513-1531.	2.6	8
36	GLOBAL-FATE (version 1.0.0): A geographical information system (GIS)-based model for assessing contaminants fate in the global river network. Geoscientific Model Development, 2019, 12, 5213-5228.	3.6	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.	6.0	28
41	Desiccation events change the microbial response to gradients of wastewater effluent pollution. Water Research, 2019, 151, 371-380.	11.3	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.	8.0	295
43	Impact of fullerenes in the bioaccumulation and biotransformation of venlafaxine, diuron and triclosan in river biofilms. Environmental Research, 2019, 169, 377-386.	7.5	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.	8.0	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.	8.0	29
46	Multistressor effects on river biofilms under global change conditions. Science of the Total Environment, 2018, 627, 1-10.	8.0	28
47	Dam regulation and riverine food-web structure in a Mediterranean river. Science of the Total Environment, 2018, 625, 301-310.	8.0	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.	8.0	23
49	Diatom responses to sewage inputs and hydrological alteration in Mediterranean streams. Environmental Pollution, 2018, 238, 369-378.	7.5	27
50	Emerging contaminants and nutrients synergistically affect the spread of class 1 integron-integrase (intI1) and sul1 genes within stable streambed bacterial communities. Water Research, 2018, 138, 77-85.	11.3	82
51	Does the severity of nonâ€flow periods influence ecosystem structure and function of temporary streams? A mesocosm study. Freshwater Biology, 2018, 63, 613-625.	2.4	11
52	Water diversion reduces abundance and survival of two Mediterranean cyprinids. Ecology of Freshwater Fish, 2018, 27, 481-491.	1.4	18
53	Fluvial biofilms exposed to desiccation and pharmaceutical pollution: New insights using metabolomics. Science of the Total Environment, 2018, 618, 1382-1388.	8.0	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.	8.0	53

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55	Impact of urban chemical pollution on water quality in small, rural and effluent-dominated Mediterranean streams and rivers. Science of the Total Environment, 2018, 613-614, 763-772.	8.0	43
56	Ecotoxicological effects of carbon based nanomaterials in aquatic organisms. Science of the Total Environment, 2018, 619-620, 328-337.	8.0	154
57	Protecting U.S. temporary waterways. Science, 2018, 361, 856-857.	12.6	29
58	Effects of human-driven water stress on river ecosystems: a meta-analysis. Scientific Reports, 2018, 8, 11462.	3.3	104
59	Fullerenes Influence the Toxicity of Organic Micro-Contaminants to River Biofilms. Frontiers in Microbiology, 2018, 9, 1426.	3.5	16
60	Biochemical quality of basal resources in a forested stream: effects of nutrient enrichment. Aquatic Sciences, 2017, 79, 99-112.	1.5	3
61	Biofilm phosphorus uptake capacity as a tool for the assessment of pollutant effects in river ecosystems. Ecotoxicology, 2017, 26, 271-282.	2.4	17
62	A tale of pipes and reactors: Controls on the inâ€stream dynamics of dissolved organic matter in rivers. Limnology and Oceanography, 2017, 62, S85.	3.1	82
63	Contamination sources and distribution patterns of pharmaceuticals and personal care products in Alpine rivers strongly affected by tourism. Science of the Total Environment, 2017, 590-591, 484-494.	8.0	115
64	Modeling the sedimentary response of a large Pyrenean basin to global change. Journal of Soils and Sediments, 2017, 17, 2677-2690.	3.0	9
65	River ecosystem processes: A synthesis of approaches, criteria of use and sensitivity to environmental stressors. Science of the Total Environment, 2017, 596-597, 465-480.	8.0	102
66	Environmental stressors as a driver of the trait composition of benthic macroinvertebrate assemblages in polluted Iberian rivers. Environmental Research, 2017, 156, 485-493.	7.5	61
67	The fluvial sediment budget of a dammed river (upper Muga, southern Pyrenees). Geomorphology, 2017, 293, 211-226.	2.6	34
68	Microbial Ecotoxicology: Looking to the Future. , 2017, , 339-352.		2
69	Colombian ecosystems at the crossroad after the new peace deal. Biodiversity and Conservation, 2017, 26, 3505-3507.	2.6	12
70	Wastewater pollution differently affects the antibiotic resistance gene pool and biofilm bacterial communities across streambed compartments. Molecular Ecology, 2017, 26, 5567-5581.	3.9	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. Science of the Total Environment, 2017, 577, 1-18.	8.0	192

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73	Water abstraction affects abundance, size-structure and growth of two threatened cyprinid fishes. PLoS ONE, 2017, 12, e0175932.	2.5	8
74	Stream Biofilm Responses to Flow Intermittency: From Cells to Ecosystems. Frontiers in Environmental Science, 2016, 4, .	3.3	88
75	Runoff Trends Driven by Climate and Afforestation in a Pyrenean Basin. Land Degradation and Development, 2016, 27, 823-838.	3.9	94
76	Multipleâ€stressor effects on river biofilms under different hydrological conditions. Freshwater Biology, 2016, 61, 2102-2115.	2.4	43
77	Integrating ecosystem services in river basin management plans. Journal of Applied Ecology, 2016, 53, 865-875.	4.0	39
78	Identifying regions vulnerable to habitat degradation under future irrigation scenarios. Environmental Research Letters, 2016, 11, 114025.	5.2	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.	11.3	86
80	Flow regulation increases foodâ€chain length through omnivory mechanisms in a Mediterranean river network. Freshwater Biology, 2016, 61, 1536-1549.	2.4	28
81	Effects of biofilm on river-bed scour. Science of the Total Environment, 2016, 572, 1033-1046.	8.0	14
82	An appraisal of the sediment yield in western Mediterranean river basins. Science of the Total Environment, 2016, 572, 538-553.	8.0	25
83	Influence of grazing on triclosan toxicity to stream periphyton. Freshwater Biology, 2016, 61, 2002-2012.	2.4	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.	3.0	20
85	Hidden drivers of low-dose pharmaceutical pollutant mixtures revealed by the novel GSA-QHTS screening method. Science Advances, 2016, 2, e1601272.	10.3	38
86	Microbial carbon processing along a river discontinuum. Freshwater Science, 2016, 35, 1133-1147.	1.8	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.	7.5	63
89	Hydrological characterization of dammed rivers in the NW Mediterranean region. Hydrological Processes, 2016, 30, 1691-1707.	2.6	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.	1.7	23

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91	Nutrients versus emerging contaminantsâ€“Or a dynamic match between subsidy and stress effects on stream biofilms. Environmental Pollution, 2016, 212, 208-215.	7.5	41
92	When Water Vanishes: Magnitude and Regulation of Carbon Dioxide Emissions from Dry Temporary Streams. Ecosystems, 2016, 19, 710-723.	3.4	70
93	Occurrence and persistence of antibiotic resistance genes in river biofilms after wastewater inputs in small rivers. Environmental Pollution, 2016, 210, 121-128.	7.5	142
94	Drought-induced discontinuities in the source and degradation of dissolved organic matter in a Mediterranean river. Biogeochemistry, 2016, 127, 125-139.	3.5	36
95	Model development for the assessment of terrestrial and aquatic habitat quality in conservation planning. Science of the Total Environment, 2016, 540, 63-70.	8.0	265
96	Effects of nutrient enrichment on epipelic diatom assemblages in a nutrient-rich lowland stream, Pampa Region, Argentina. Hydrobiologia, 2016, 766, 135-150.	2.0	28
97	Regulation causes nitrogen cycling discontinuities in Mediterranean rivers. Science of the Total Environment, 2016, 540, 168-177.	8.0	31
98	Determination of a broad spectrum of pharmaceuticals and endocrine disruptors in biofilm from a waste water treatment plant-impacted river. Science of the Total Environment, 2016, 540, 241-249.	8.0	137
99	Bioaccumulation and trophic magnification of pharmaceuticals and endocrine disruptors in a Mediterranean river food web. Science of the Total Environment, 2016, 540, 250-259.	8.0	128
100	Effects of afforestation on runoff and sediment load in an upland Mediterranean catchment. Science of the Total Environment, 2016, 540, 144-157.	8.0	90
101	Application of Microcosm and Mesocosm Experiments to Pollutant Effects in Biofilms. Springer Protocols, 2015, , 135-151.	0.3	1
102	Mixed effects of effluents from a wastewater treatment plant on river ecosystem metabolism: subsidy or stress?. Freshwater Biology, 2015, 60, 1398-1410.	2.4	96
103	In response: The evidenceâ€”What actions are needed to effectively transfer from science to policy? An academic perspective. Environmental Toxicology and Chemistry, 2015, 34, 1208-1210.	4.3	2
104	Collection and Processing of River Organisms and Water Column Organisms. Springer Protocols, 2015, , 219-228.	0.3	1
105	Increasing extent of periods of no flow in intermittent waterways promotes heterotrophy. Freshwater Biology, 2015, 60, 1810-1823.	2.4	50
106	The Challenge : Assessing the effects of chemicals in freshwaters under multiple stress. Environmental Toxicology and Chemistry, 2015, 34, 1206-1206.	4.3	0
107	Detection and attribution of global change effects on river nutrient dynamics in a large Mediterranean basin. Biogeosciences, 2015, 12, 4085-4098.	3.3	17
108	Weak Coherence in Abundance Patterns Between Bacterial Classes and Their Constituent OTUs Along a Regulated River. Frontiers in Microbiology, 2015, 6, 1293.	3.5	14

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109	Effects of Emerging Contaminants on Biodiversity, Community Structure, and Adaptation of River Biota. Handbook of Environmental Chemistry, 2015, , 79-119.	0.4	4
110	Hydrological transitions drive dissolved organic matter quantity and composition in a temporary Mediterranean stream. Biogeochemistry, 2015, 123, 429-446.	3.5	46
111	Flood disturbance effects on benthic diatom assemblage structure in a semiarid river network. Journal of Phycology, 2015, 51, 133-143.	2.3	9
112	Balancing the health benefits and environmental risks of pharmaceuticals: Diclofenac as an example. Environment International, 2015, 85, 327-333.	10.0	171
113	Ecosystem Responses to Emerging Contaminants: Fate and Effects of Pharmaceuticals in a Mediterranean River. Handbook of Environmental Chemistry, 2015, , 143-158.	0.4	0
114	Using equilibrium temperature to assess thermal disturbances in rivers. Hydrological Processes, 2015, 29, 4350-4360.	2.6	9
115	Biofilm Responses to Flow Regulation by Dams in Mediterranean Rivers. River Research and Applications, 2015, 31, 1003-1016.	1.7	24
116	Occurrence and in-stream attenuation of wastewater-derived pharmaceuticals in Iberian rivers. Science of the Total Environment, 2015, 503-504, 133-141.	8.0	99
117	Effects of flow intermittency and pharmaceutical exposure on the structure and metabolism of stream biofilms. Science of the Total Environment, 2015, 503-504, 159-170.	8.0	76
118	Pharmaceuticals and pesticides in reclaimed water: Efficiency assessment of a microfiltrationâ€“reverse osmosis (MFâ€“RO) pilot plant. Journal of Hazardous Materials, 2015, 282, 165-173.	12.4	110
119	Managing the effects of multiple stressors on aquatic ecosystems under water scarcity. The GLOBAQUA project. Science of the Total Environment, 2015, 503-504, 3-9.	8.0	161
120	Development of an extraction and purification method for the determination of multi-class pharmaceuticals and endocrine disruptors in freshwater invertebrates. Talanta, 2015, 132, 373-381.	5.5	73
121	Nutrient and enzymatic adaptations of stream biofilms to changes in nitrogen and phosphorus supply. Aquatic Microbial Ecology, 2015, 75, 91-102.	1.8	10
122	Stoichiometric homeostasis in the food web of a chronically nutrient-rich stream. Freshwater Science, 2014, 33, 820-831.	1.8	20
123	Photosynthetic pigment changes and adaptations in biofilms in response to flow intermittency. Aquatic Sciences, 2014, 76, 565-578.	1.5	22
124	Assessment of the water supply:demand ratios in a Mediterranean basin under different global change scenarios and mitigation alternatives. Science of the Total Environment, 2014, 470-471, 567-577.	8.0	168
125	Intercalibration of ecological quality in European Mediterranean rivers. Science of the Total Environment, 2014, 476-477, 743-744.	8.0	1
126	Epilithic biofilm metabolism during the high water flow period in an Andean neotropical stream. Hydrobiologia, 2014, 728, 41-50.	2.0	7

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127	Biofilm functional responses to the rehydration of a dry intermittent stream. Hydrobiologia, 2014, 727, 185-195.	2.0	32
128	Why Should We Care About Temporary Waterways?. Science, 2014, 343, 1080-1081.	12.6	270
129	Flow regulation by dams affects ecosystem metabolism in Mediterranean rivers. Freshwater Biology, 2014, 59, 1816-1829.	2.4	58
130	Factors explaining the patterns of benthic chlorophyll-a distribution in a large agricultural Iberian watershed (Guadiana river). Ecological Indicators, 2014, 36, 463-469.	6.3	17
131	Least Disturbed Condition for European Mediterranean rivers. Science of the Total Environment, 2014, 476-477, 745-756.	8.0	80
132	Assessment of multi-chemical pollution in aquatic ecosystems using toxic units: Compound prioritization, mixture characterization and relationships with biological descriptors. Science of the Total Environment, 2014, 468-469, 715-723.	8.0	92
133	Water quality assessment of rivers using diatom metrics across Mediterranean Europe: A methods intercalibration exercise. Science of the Total Environment, 2014, 476-477, 768-776.	8.0	66
134	Modelling epilithic biofilms combining hydrodynamics, invertebrate grazing and algal traits. Freshwater Biology, 2014, 59, 1213-1228.	2.4	27
135	Assessing the Impact of Multiple Stressors on Aquatic Biota: The Receptorâ€™s Side Matters. Environmental Science & Technology, 2014, 48, 7690-7696.	10.0	145
136	Impact of climate extremes on hydrological ecosystem services in a heavily humanized Mediterranean basin. Ecological Indicators, 2014, 37, 199-209.	6.3	150
137	Reservoirs override seasonal variability of phytoplankton communities in a regulated Mediterranean river. Science of the Total Environment, 2014, 475, 225-233.	8.0	28
138	Foreword. Science of the Total Environment, 2014, 475, 157.	8.0	2
139	Hydrological variation modulates pharmaceutical levels and biofilm responses in a Mediterranean river. Science of the Total Environment, 2014, 472, 1052-1061.	8.0	34
140	Trace metal concentration and fish size: Variation among fish species in a Mediterranean river. Ecotoxicology and Environmental Safety, 2014, 107, 154-161.	6.0	120
141	Pollution-induced community tolerance to non-steroidal anti-inflammatory drugs (NSAIDs) in fluvial biofilm communities affected by WWTP effluents. Chemosphere, 2014, 112, 185-193.	8.2	80
142	The dynamics of biofilm bacterial communities is driven by flow wax and wane in a temporary stream. Limnology and Oceanography, 2014, 59, 2057-2067.	3.1	30
143	Effects of hydromorphological impacts on river ecosystem functioning: a review and suggestions for assessing ecological impacts. Hydrobiologia, 2013, 712, 129-143.	2.0	127
144	Response of biofilm bacterial communities to antibiotic pollutants in a Mediterranean river. Chemosphere, 2013, 92, 1126-1135.	8.2	102

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145	Microbial biofilm structure and organic matter use in mediterranean streams. Hydrobiologia, 2013, 719, 43-58.	2.0	74
146	Examining the Demand for Ecosystem Services: The Value of Stream Restoration for Drinking Water Treatment Managers in the Llobregat River, Spain. Ecological Economics, 2013, 90, 196-205.	5.7	39
147	Drought episode modulates the response of river biofilms to triclosan. Aquatic Toxicology, 2013, 127, 36-45.	4.0	33
148	Effects of large river dam regulation on bacterioplankton community structure. FEMS Microbiology Ecology, 2013, 84, 316-331.	2.7	104
149	Interaction between local hydrodynamics and algal community in epilithic biofilm. Water Research, 2013, 47, 2153-2163.	11.3	70
150	Contribution of epilithic diatoms to benthic-pelagic coupling in a temperate river. Aquatic Microbial Ecology, 2013, 69, 47-57.	1.8	28
151	Effects of pesticides and pharmaceuticals on biofilms in a highly impacted river. Environmental Pollution, 2013, 178, 220-228.	7.5	107
152	The effects of land use changes on streams and rivers in mediterranean climates. Hydrobiologia, 2013, 719, 383-425.	2.0	142
153	Global pressures, specific responses: effects of nutrient enrichment in streams from different biomes. Environmental Research Letters, 2013, 8, 014002.	5.2	24
154	Modeling nutrient retention at the watershed scale: Does small stream research apply to the whole river network?. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 728-740.	3.0	20
155	BALANCING CONSERVATION NEEDS WITH USES OF RIVER ECOSYSTEMS. Acta Biologica Colombiana, 2013, 19, 3.	0.4	8
156	INTEGRATING CHEMICAL AND BIOLOGICAL STATUS ASSESSMENT: ASSEMBLING LINES OF EVIDENCE FOR THE EVALUATION OF RIVER ECOSYSTEM RISK. Acta Biologica Colombiana, 2013, 19, 25.	0.4	2
157	The Llobregat River Basin: A Paradigm of Impaired Rivers Under Climate Change Threats. Handbook of Environmental Chemistry, 2012, , 1-26.	0.4	16
158	Ecosystem Services in an Impacted Watershed. Handbook of Environmental Chemistry, 2012, , 347-368.	0.4	2
159	The Effect of Multiple Stressors on Biological Communities in the Llobregat. Handbook of Environmental Chemistry, 2012, , 93-116.	0.4	2
160	In-Stream Nutrient Flux and Retention in Relation to Land Use in the Llobregat River Basin. Handbook of Environmental Chemistry, 2012, , 69-92.	0.4	7
161	Nutrients and light effects on stream biofilms: a combined assessment with CLSM, structural and functional parameters. Hydrobiologia, 2012, 695, 281-291.	2.0	29
162	Identifying reference benthic diatom communities in an agricultural watershed (Guadiana River, SW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	10

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163	Consistency in Diatom Response to Metal-Contaminated Environments. Handbook of Environmental Chemistry, 2012, , 117-146.	0.4	59
164	Labile and Recalcitrant Organic Matter Utilization by River Biofilm Under Increasing Water Temperature. Microbial Ecology, 2012, 64, 593-604.	2.8	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.	8.0	32
166	Is the biological classification of benthic diatom communities concordant with ecotypes?. Hydrobiologia, 2012, 695, 43-55.	2.0	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.	2.0	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.	5.3	8
169	Assessing and forecasting the impacts of global change on Mediterranean rivers. The SCARCE Consolider project on Iberian basins. Environmental Science and Pollution Research, 2012, 19, 918-933.	5.3	46
170	Understanding effects of global change on water quantity and quality in river basins- The SCARCE Project. Environmental Science and Pollution Research, 2012, 19, 915-917.	5.3	3
171	Functional responses of stream biofilms to flow cessation, desiccation and rewetting. Freshwater Biology, 2012, 57, 1565-1578.	2.4	100
172	Phosphorus use by planktonic communities in a large regulated Mediterranean river. Science of the Total Environment, 2012, 426, 180-187.	8.0	22
173	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.	0.4	2
174	Long-term moderate nutrient inputs enhance autotrophy in a forested Mediterranean stream. Freshwater Biology, 2011, 56, 1266-1280.	2.4	43
175	Combined scenarios of chemical and ecological quality under water scarcity in Mediterranean rivers. TrAC - Trends in Analytical Chemistry, 2011, 30, 1269-1278.	11.4	91
176	Resistance and recovery of river biofilms receiving short pulses of Triclosan and Diuron. Science of the Total Environment, 2011, 409, 3129-3137.	8.0	81
177	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. Chemosphere, 2011, 85, 1548-1554.	8.2	46
178	Ecological Relevance of Key Toxicants in Aquatic Systems. Handbook of Environmental Chemistry, 2011, , 315-339.	0.4	2
179	Contraction, fragmentation and expansion dynamics determine nutrient availability in a Mediterranean forest stream. Aquatic Sciences, 2011, 73, 485-497.	1.5	89
180	Organic matter characteristics in a Mediterranean stream through amino acid composition: changes driven by intermittency. Aquatic Sciences, 2011, 73, 523-535.	1.5	34

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181	Recent perspectives on temporary river ecology. Aquatic Sciences, 2011, 73, 453-457.	1.5	77
182	Fungal and Bacterial Colonization of Submerged Leaf Litter in a Mediterranean Stream. International Review of Hydrobiology, 2011, 96, 221-234.	0.9	27
183	Significant ecological impact on the progression of fluoroquinolone resistance in Escherichia coli with increased community use of moxifloxacin, levofloxacin and amoxicillin/clavulanic acid. Journal of Antimicrobial Chemotherapy, 2011, 66, 664-669.	3.0	48
184	Multifunctionality and Diversity in Bacterial Biofilms. PLoS ONE, 2011, 6, e23225.	2.5	99
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