

Sergi Sabater

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

313
papers

12,362
citations

66
h-index

91
g-index

320
ext. papers

13,942
ext. citations

5.4
avg, IF

6.45
L-index

#	Paper	IF	Citations
313	The Iberian rivers 2022 , 181-224		1
312	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	10.2	
311	Impacts of climate change on stream benthic diatoms— nation-wide perspective of reference conditions. <i>Hydrobiologia</i> , 2022 , 849, 1821-1837	2.4	0
310	Occurrence and accumulation of pharmaceutical products in water and biota of urban lowland rivers.. <i>Science of the Total Environment</i> , 2022 , 154303	10.2	0
309	Drivers of the diversity of diatoms in an oligotrophic Andean stream 2022 , 58, 2		
308	Energy limitation or sensitive predators? Trophic and non-trophic impacts of wastewater pollution on stream food webs. <i>Ecology</i> , 2021 , e03587	4.6	1
307	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	10.2	3
306	Biofilm pigments in temporary streams indicate duration and severity of drying. <i>Limnology and Oceanography</i> , 2021 , 66, 3313-3326	4.8	0
305	Combined effects of urban pollution and hydrological stress on ecosystem functions of Mediterranean streams. <i>Science of the Total Environment</i> , 2021 , 753, 141971	10.2	9
304	Framing biophysical and societal implications of multiple stressor effects on river networks. <i>Science of the Total Environment</i> , 2021 , 753, 141973	10.2	4
303	Historical legacies and contemporary processes shape beta diversity in Neotropical montane streams. <i>Journal of Biogeography</i> , 2021 , 48, 101-117	4.1	2
302	A guideline to frame stressor effects in freshwater ecosystems. <i>Science of the Total Environment</i> , 2021 , 777, 146112	10.2	4
301	Diet quality and NSAIDs promote changes in formation of prostaglandins by an aquatic invertebrate. <i>Chemosphere</i> , 2020 , 257, 126892	8.4	1
300	Local and regional environmental factors drive the spatial distribution of phototrophic biofilm assemblages in Mediterranean streams. <i>Hydrobiologia</i> , 2020 , 847, 2321-2336	2.4	4
299	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	10.2	7
298	Multiple Stressors Determine Community Structure and Estimated Function of River Biofilm Bacteria. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	5
297	Ecoregional Characteristics Drive the Distribution Patterns of Neotropical Stream Diatoms. <i>Journal of Phycology</i> , 2020 , 56, 1053-1065	3	5

296	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	5	10
295	Does biofilm origin matter? Biofilm responses to non-flow period in permanent and temporary streams. <i>Freshwater Biology</i> , 2020 , 65, 514-523	3.1	5
294	Aquatic macroinvertebrates under stress: Bioaccumulation of emerging contaminants and metabolomics implications. <i>Science of the Total Environment</i> , 2020 , 704, 135333	10.2	10
293	Delineating the Continuum of Dissolved Organic Matter in Temperate River Networks. <i>Global Biogeochemical Cycles</i> , 2020 , 34, e2019GB006495	5.9	12
292	Lifestyle preferences drive the structure and diversity of bacterial and archaeal communities in a small riverine reservoir. <i>Scientific Reports</i> , 2020 , 10, 11288	4.9	3
291	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	10.2	4
290	Duration and frequency of non-flow periods affect the abundance and diversity of stream meiofauna. <i>Freshwater Biology</i> , 2020 , 65, 1906-1922	3.1	6
289	Management actions to mitigate the occurrence of pharmaceuticals in river networks in a global change context. <i>Environment International</i> , 2020 , 143, 105993	12.9	7
288	Bioconcentration and bioaccumulation of C fullerene and C epoxide in biofilms and freshwater snails (<i>Radix</i> sp.). <i>Environmental Research</i> , 2020 , 180, 108715	7.9	2
287	Invertebrate community responses to urban wastewater effluent pollution under different hydro-morphological conditions. <i>Environmental Pollution</i> , 2019 , 252, 483-492	9.3	16
286	Nutrient attenuation dynamics in effluent dominated watercourses. <i>Water Research</i> , 2019 , 160, 330-338	12.5	10
285	Effects of Duration, Frequency, and Severity of the Non-flow Period on Stream Biofilm Metabolism. <i>Ecosystems</i> , 2019 , 22, 1393-1405	3.9	19
284	Upstream refugia and dispersal ability may override benthic-community responses to high-Andean streams deforestation. <i>Biodiversity and Conservation</i> , 2019 , 28, 1513-1531	3.4	4
283	Contamination patterns and attenuation of pharmaceuticals in a temporary Mediterranean river. <i>Science of the Total Environment</i> , 2019 , 647, 561-569	10.2	28
282	Multiple stressor effects on biodiversity and ecosystem functioning in a Mediterranean temporary river. <i>Science of the Total Environment</i> , 2019 , 647, 1179-1187	10.2	29
281	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	7.9	7
280	Effects of olive mill wastewater discharge on benthic biota in Mediterranean streams. <i>Environmental Pollution</i> , 2019 , 254, 113057	9.3	9
279	Effects of multiple stressors on river biofilms depend on the time scale. <i>Scientific Reports</i> , 2019 , 9, 15810	10.9	12

278	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	6.3	9
277	Defining Multiple Stressor Implications 2019 , 1-22		5
276	An Introduction to the Geography of Multiple Stressors 2019 , 131-137		
275	Summary, Implications and Recommendations for the Occurrence and Effects of Multiple Stressors in River Ecosystems 2019 , 375-380		3
274	Immediate and legacy effects of urban pollution on river ecosystem functioning: A mesocosm experiment. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 169, 960-970	7	16
273	Desiccation events change the microbial response to gradients of wastewater effluent pollution. <i>Water Research</i> , 2019 , 151, 371-380	12.5	21
272	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	10.2	176
271	Impact of fullerenes in the bioaccumulation and biotransformation of venlafaxine, diuron and triclosan in river biofilms. <i>Environmental Research</i> , 2019 , 169, 377-386	7.9	15
270	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	10.2	21
269	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	10.2	20
268	Multistressor effects on river biofilms under global change conditions. <i>Science of the Total Environment</i> , 2018 , 627, 1-10	10.2	20
267	Dam regulation and riverine food-web structure in a Mediterranean river. <i>Science of the Total Environment</i> , 2018 , 625, 301-310	10.2	30
266	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	10.2	14
265	Diatom responses to sewage inputs and hydrological alteration in Mediterranean streams. <i>Environmental Pollution</i> , 2018 , 238, 369-378	9.3	22
264	Emerging contaminants and nutrients synergistically affect the spread of class 1 integron-integrase (intI1) and sul1 genes within stable streambed bacterial communities. <i>Water Research</i> , 2018 , 138, 77-85	12.5	44
263	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	3.1	8
262	Water diversion reduces abundance and survival of two Mediterranean cyprinids. <i>Ecology of Freshwater Fish</i> , 2018 , 27, 481-491	2.1	15
261	Fluvial biofilms exposed to desiccation and pharmaceutical pollution: New insights using metabolomics. <i>Science of the Total Environment</i> , 2018 , 618, 1382-1388	10.2	12

260	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	10.2	38
259	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	10.2	26
258	Effects of human-driven water stress on river ecosystems: a meta-analysis. <i>Scientific Reports</i> , 2018 , 8, 11462	4.9	70
257	Fullerenes Influence the Toxicity of Organic Micro-Contaminants to River Biofilms. <i>Frontiers in Microbiology</i> , 2018 , 9, 1426	5.7	11
256	Ecotoxicological effects of carbon based nanomaterials in aquatic organisms. <i>Science of the Total Environment</i> , 2018 , 619-620, 328-337	10.2	103
255	Protecting U.S. temporary waterways. <i>Science</i> , 2018 , 361, 856-857	33.3	23
254	Biochemical quality of basal resources in a forested stream: effects of nutrient enrichment. <i>Aquatic Sciences</i> , 2017 , 79, 99-112	2.5	3
253	Biofilm phosphorus uptake capacity as a tool for the assessment of pollutant effects in river ecosystems. <i>Ecotoxicology</i> , 2017 , 26, 271-282	2.9	11
252	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-S94	4.8	58
251	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	10.2	77
250	Modeling the sedimentary response of a large Pyrenean basin to global change. <i>Journal of Soils and Sediments</i> , 2017 , 17, 2677-2690	3.4	7
249	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	10.2	66
248	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	7.9	39
247	The fluvial sediment budget of a dammed river (upper Muga, southern Pyrenees). <i>Geomorphology</i> , 2017 , 293, 211-226	4.3	23
246	Water abstraction affects abundance, size-structure and growth of two threatened cyprinid fishes. <i>PLoS ONE</i> , 2017 , 12, e0175932	3.7	7
245	Microbial Ecotoxicology: Looking to the Future 2017 , 339-352		2
244	Colombian ecosystems at the crossroad after the new peace deal. <i>Biodiversity and Conservation</i> , 2017 , 26, 3505-3507	3.4	7
243	Wastewater pollution differently affects the antibiotic resistance gene pool and biofilm bacterial communities across streambed compartments. <i>Molecular Ecology</i> , 2017 , 26, 5567-5581	5.7	35

242	The Biota of Intermittent Rivers and Ephemeral Streams: Algae and Vascular Plants 2017 , 189-216		9
241	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	10.2	140
240	Effects of nutrient enrichment on epipelagic diatom assemblages in a nutrient-rich lowland stream, Pampa Region, Argentina. <i>Hydrobiologia</i> , 2016 , 766, 135-150	2.4	18
239	Regulation causes nitrogen cycling discontinuities in Mediterranean rivers. <i>Science of the Total Environment</i> , 2016 , 540, 168-77	10.2	24
238	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, 241-9	10.2	104
237	Bioaccumulation and trophic magnification of pharmaceuticals and endocrine disruptors in a Mediterranean river food web. <i>Science of the Total Environment</i> , 2016 , 540, 250-9	10.2	94
236	Effects of afforestation on runoff and sediment load in an upland Mediterranean catchment. <i>Science of the Total Environment</i> , 2016 , 540, 144-57	10.2	71
235	Effects of biofilm on river-bed scour. <i>Science of the Total Environment</i> , 2016 , 572, 1033-1046	10.2	10
234	An appraisal of the sediment yield in western Mediterranean river basins. <i>Science of the Total Environment</i> , 2016 , 572, 538-553	10.2	16
233	Influence of grazing on triclosan toxicity to stream periphyton. <i>Freshwater Biology</i> , 2016 , 61, 2002-2012	3.1	17
232	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	3.7	13
231	Hidden drivers of low-dose pharmaceutical pollutant mixtures revealed by the novel GSA-QHTS screening method. <i>Science Advances</i> , 2016 , 2, e1601272	14.3	27
230	Microbial carbon processing along a river discontinuum. <i>Freshwater Science</i> , 2016 , 35, 1133-1147	2	10
229	Ecophysiology of River Algae 2016 , 197-217		6
228	Shared effects of organic microcontaminants and environmental stressors on biofilms and invertebrates in impaired rivers. <i>Environmental Pollution</i> , 2016 , 210, 303-14	9.3	47
227	Hydrological characterization of dammed rivers in the NW Mediterranean region. <i>Hydrological Processes</i> , 2016 , 30, 1691-1707	3.3	25
226	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	2.3	16
225	Nutrients versus emerging contaminants-Or a dynamic match between subsidy and stress effects on stream biofilms. <i>Environmental Pollution</i> , 2016 , 212, 208-215	9.3	35

224	When Water Vanishes: Magnitude and Regulation of Carbon Dioxide Emissions from Dry Temporary Streams. <i>Ecosystems</i> , 2016 , 19, 710-723	3.9	54
223	Occurrence and persistence of antibiotic resistance genes in river biofilms after wastewater inputs in small rivers. <i>Environmental Pollution</i> , 2016 , 210, 121-8	9.3	106
222	Drought-induced discontinuities in the source and degradation of dissolved organic matter in a Mediterranean river. <i>Biogeochemistry</i> , 2016 , 127, 125-139	3.8	27
221	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	10.2	156
220	Stream Biofilm Responses to Flow Intermittency: From Cells to Ecosystems. <i>Frontiers in Environmental Science</i> , 2016 , 4,	4.8	59
219	Runoff Trends Driven by Climate and Afforestation in a Pyrenean Basin. <i>Land Degradation and Development</i> , 2016 , 27, 823-838	4.4	74
218	Multiple-stressor effects on river biofilms under different hydrological conditions. <i>Freshwater Biology</i> , 2016 , 61, 2102-2115	3.1	34
217	Integrating ecosystem services in river basin management plans. <i>Journal of Applied Ecology</i> , 2016 , 53, 865-875	5.8	34
216	Identifying regions vulnerable to habitat degradation under future irrigation scenarios. <i>Environmental Research Letters</i> , 2016 , 11, 114025	6.2	6
215	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	12.5	66
214	Flow regulation increases food-chain length through omnivory mechanisms in a Mediterranean river network. <i>Freshwater Biology</i> , 2016 , 61, 1536-1549	3.1	20
213	The Use of Diatoms to Assess the Ecological Status in Catalan Rivers: Application of the WFD and Lessons Learned from the European Intercalibration Exercise. <i>Handbook of Environmental Chemistry</i> , 2015 , 65-80	0.8	2
212	Balancing the health benefits and environmental risks of pharmaceuticals: Diclofenac as an example. <i>Environment International</i> , 2015 , 85, 327-33	12.9	115
211	Ecosystem Responses to Emerging Contaminants: Fate and Effects of Pharmaceuticals in a Mediterranean River. <i>Handbook of Environmental Chemistry</i> , 2015 , 143-158	0.8	
210	Using equilibrium temperature to assess thermal disturbances in rivers. <i>Hydrological Processes</i> , 2015 , 29, 4350-4360	3.3	8
209	Biofilm Responses to Flow Regulation by Dams in Mediterranean Rivers. <i>River Research and Applications</i> , 2015 , 31, 1003-1016	2.3	20
208	Occurrence and in-stream attenuation of wastewater-derived pharmaceuticals in Iberian rivers. <i>Science of the Total Environment</i> , 2015 , 503-504, 133-41	10.2	83
207	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, 159-70	10.2	55

206	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, 165-73	12.8	87
205	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	10.2	128
204	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, 373-81	6.2	62
203	Application of Microcosm and Mesocosm Experiments to Pollutant Effects in Biofilms. <i>Springer Protocols</i> , 2015 , 135-151	0.3	
202	Mixed effects of effluents from a wastewater treatment plant on river ecosystem metabolism: subsidy or stress?. <i>Freshwater Biology</i> , 2015 , 60, 1398-1410	3.1	76
201	In response: The evidence--What actions are needed to effectively transfer from science to policy? An academic perspective. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 1208-10	3.8	2
200	Collection and Processing of River Organisms and Water Column Organisms. <i>Springer Protocols</i> , 2015 , 219-228	0.3	1
199	Increasing extent of periods of no flow in intermittent waterways promotes heterotrophy. <i>Freshwater Biology</i> , 2015 , 60, 1810-1823	3.1	35
198	The Challenge: Assessing the effects of chemicals in freshwaters under multiple stress. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 1206	3.8	
197	Detection and attribution of global change effects on river nutrient dynamics in a large Mediterranean basin. <i>Biogeosciences</i> , 2015 , 12, 4085-4098	4.6	15
196	Weak Coherence in Abundance Patterns Between Bacterial Classes and Their Constituent OTUs Along a Regulated River. <i>Frontiers in Microbiology</i> , 2015 , 6, 1293	5.7	13
195	Effects of Emerging Contaminants on Biodiversity, Community Structure, and Adaptation of River Biota. <i>Handbook of Environmental Chemistry</i> , 2015 , 79-119	0.8	3
194	Hydrological transitions drive dissolved organic matter quantity and composition in a temporary Mediterranean stream. <i>Biogeochemistry</i> , 2015 , 123, 429-446	3.8	37
193	Flood disturbance effects on benthic diatom assemblage structure in a semiarid river network. <i>Journal of Phycology</i> , 2015 , 51, 133-43	3	7
192	Nutrient and enzymatic adaptations of stream biofilms to changes in nitrogen and phosphorus supply. <i>Aquatic Microbial Ecology</i> , 2015 , 75, 91-102	1.1	10
191	Epilithic biofilm metabolism during the high water flow period in an Andean neotropical stream. <i>Hydrobiologia</i> , 2014 , 728, 41-50	2.4	5
190	Biofilm functional responses to the rehydration of a dry intermittent stream. <i>Hydrobiologia</i> , 2014 , 727, 185-195	2.4	24
189	Conservation. Why should we care about temporary waterways?. <i>Science</i> , 2014 , 343, 1080-1	33.3	216

188	Flow regulation by dams affects ecosystem metabolism in Mediterranean rivers. <i>Freshwater Biology</i> , 2014 , 59, 1816-1829	3.1	49
187	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	5.8	12
186	Least Disturbed Condition for European Mediterranean rivers. <i>Science of the Total Environment</i> , 2014 , 476-477, 745-56	10.2	66
185	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, 715-23	10.2	71
184	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, 768-76	10.2	56
183	Modelling epilithic biofilms combining hydrodynamics, invertebrate grazing and algal traits. <i>Freshwater Biology</i> , 2014 , 59, 1213-1228	3.1	23
182	Assessing the impact of multiple stressors on aquatic biota: the receptor side matters. <i>Environmental Science & Technology</i> , 2014 , 48, 7690-6	10.3	110
181	Impact of climate extremes on hydrological ecosystem services in a heavily humanized Mediterranean basin. <i>Ecological Indicators</i> , 2014 , 37, 199-209	5.8	112
180	Reservoirs override seasonal variability of phytoplankton communities in a regulated Mediterranean river. <i>Science of the Total Environment</i> , 2014 , 475, 225-33	10.2	23
179	Special Section: New developments and applications in the use of algae for monitoring rivers. Foreword. <i>Science of the Total Environment</i> , 2014 , 475, 157	10.2	2
178	Hydrological variation modulates pharmaceutical levels and biofilm responses in a Mediterranean river. <i>Science of the Total Environment</i> , 2014 , 472, 1052-61	10.2	27
177	Trace metal concentration and fish size: variation among fish species in a Mediterranean river. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 107, 154-61	7	87
176	Pollution-induced community tolerance to non-steroidal anti-inflammatory drugs (NSAIDs) in fluvial biofilm communities affected by WWTP effluents. <i>Chemosphere</i> , 2014 , 112, 185-93	8.4	57
175	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	4.8	25
174	Stoichiometric homeostasis in the food web of a chronically nutrient-rich stream. <i>Freshwater Science</i> , 2014 , 33, 820-831	2	16
173	Photosynthetic pigment changes and adaptations in biofilms in response to flow intermittency. <i>Aquatic Sciences</i> , 2014 , 76, 565-578	2.5	21
172	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, 567-77	10.2	124
171	Intercalibration of ecological quality in European Mediterranean rivers. <i>Science of the Total Environment</i> , 2014 , 476-477, 743-4	10.2	1

170	Effects of hydromorphological impacts on river ecosystem functioning: a review and suggestions for assessing ecological impacts. <i>Hydrobiologia</i> , 2013 , 712, 129-143	2.4	96
169	Response of biofilm bacterial communities to antibiotic pollutants in a Mediterranean river. <i>Chemosphere</i> , 2013 , 92, 1126-35	8.4	67
168	Microbial biofilm structure and organic matter use in mediterranean streams. <i>Hydrobiologia</i> , 2013 , 719, 43-58	2.4	64
167	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	5.6	36
166	Drought episode modulates the response of river biofilms to triclosan. <i>Aquatic Toxicology</i> , 2013 , 127, 36-45	5.1	28
165	Effects of large river dam regulation on bacterioplankton community structure. <i>FEMS Microbiology Ecology</i> , 2013 , 84, 316-31	4.3	76
164	Interaction between local hydrodynamics and algal community in epilithic biofilm. <i>Water Research</i> , 2013 , 47, 2153-63	12.5	57
163	Contribution of epilithic diatoms to benthic-pelagic coupling in a temperate river. <i>Aquatic Microbial Ecology</i> , 2013 , 69, 47-57	1.1	22
162	Effects of pesticides and pharmaceuticals on biofilms in a highly impacted river. <i>Environmental Pollution</i> , 2013 , 178, 220-8	9.3	84
161	The effects of land use changes on streams and rivers in mediterranean climates. <i>Hydrobiologia</i> , 2013 , 719, 383-425	2.4	108
160	Global pressures, specific responses: effects of nutrient enrichment in streams from different biomes. <i>Environmental Research Letters</i> , 2013 , 8, 014002	6.2	19
159	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	3.7	19
158	BALANCING CONSERVATION NEEDS WITH USES OF RIVER ECOSYSTEMS. <i>Acta Biologica Colombiana</i> , 2013 , 19, 3	0.5	3
157	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	0.5	2
156	Functional responses of stream biofilms to flow cessation, desiccation and rewetting. <i>Freshwater Biology</i> , 2012 , 57, 1565-1578	3.1	82
155	Phosphorus use by planktonic communities in a large regulated Mediterranean river. <i>Science of the Total Environment</i> , 2012 , 426, 180-7	10.2	19
154	Nutrients and light effects on stream biofilms: a combined assessment with CLSM, structural and functional parameters. <i>Hydrobiologia</i> , 2012 , 695, 281-291	2.4	21
153	Identifying reference benthic diatom communities in an agricultural watershed (Guadiana River, SW Spain). <i>Hydrobiologia</i> , 2012 , 695, 171-184	2.4	6

152	Consistency in Diatom Response to Metal-Contaminated Environments. <i>Handbook of Environmental Chemistry</i> , 2012 , 117-146	0.8	47
151	Labile and recalcitrant organic matter utilization by river biofilm under increasing water temperature. <i>Microbial Ecology</i> , 2012 , 64, 593-604	4.4	42
150	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	10.2	28
149	Is the biological classification of benthic diatom communities concordant with ecotypes?. <i>Hydrobiologia</i> , 2012 , 695, 43-55	2.4	11
148	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	2.4	21
147	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, 934-45	5.1	8
146	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, 918-33	5.1	43
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