

Sergi Sabater

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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	Recommendations for the routine sampling of diatoms for water quality assessments in Europe. <i>Journal of Applied Phycology</i> , 1998 , 10, 215-224	3.2	286
312	Monitoring the effect of chemicals on biological communities. The biofilm as an interface. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 1425-34	4.4	268
311	Conservation. Why should we care about temporary waterways?. <i>Science</i> , 2014 , 343, 1080-1	33.3	216
310	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		210
309	Nitrogen Removal by Riparian Buffers along a European Climatic Gradient: Patterns and Factors of Variation. <i>Ecosystems</i> , 2003 , 6, 0020-0030	3.9	180
308	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
307	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
306	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, 2706-14	3.8	155
305	Flow extremes and benthic organic matter shape the metabolism of a headwater Mediterranean stream. <i>Freshwater Biology</i> , 2004 , 49, 960-971	3.1	146
304	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
303	Triclosan persistence through wastewater treatment plants and its potential toxic effects on river biofilms. <i>Aquatic Toxicology</i> , 2010 , 100, 346-53	5.1	134
302	Primary and complex stressors in polluted mediterranean rivers: Pesticide effects on biological communities. <i>Journal of Hydrology</i> , 2010 , 383, 52-61	6	130
301	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
300	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
299	Biofilm structure and function and possible implications for riverine DOC dynamics. <i>Microbial Ecology</i> , 2004 , 47, 316-28	4.4	118
298	Balancing the health benefits and environmental risks of pharmaceuticals: Diclofenac as an example. <i>Environment International</i> , 2015 , 85, 327-33	12.9	115
297	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

296	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		111
295	Short-term toxicity of zinc to microbenthic algae and bacteria in a metal polluted stream. <i>Water Research</i> , 1999 , 33, 1989-1996	12.5	111
294	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
293	Effects of low concentrations of the phenylurea herbicide diuron on biofilm algae and bacteria. <i>Chemosphere</i> , 2009 , 76, 1392-401	8.4	110
292	The effects of land use changes on streams and rivers in mediterranean climates. <i>Hydrobiologia</i> , 2013 , 719, 383-425	2.4	108
291	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
290	The effect of biological factors on the efficiency of river biofilms in improving water quality. <i>Hydrobiologia</i> , 2002 , 469, 149-156	2.4	105
289	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
288	Ecotoxicological effects of carbon based nanomaterials in aquatic organisms. <i>Science of the Total Environment</i> , 2018 , 619-620, 328-337	10.2	103
287	Diatom assemblages distribution in catalan rivers, NE Spain, in relation to chemical and physiographical factors. <i>Water Research</i> , 2005 , 39, 73-82	12.5	102
286	Response of community structure to sustained drought in Mediterranean rivers. <i>Journal of Hydrology</i> , 2010 , 383, 135-146	6	101
285	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
284	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	3	95
283	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
282	Relevance of polymeric matrix enzymes during biofilm formation. <i>Microbial Ecology</i> , 2008 , 56, 427-36	4.4	94
281	Diatom communities as indicators of environmental stress in the Guadiamar River, S-W. Spain, following a major mine tailings spill 2000 , 12, 113-124		90
280	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	3.2	89
279	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

278	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
277	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,	5.4	87
276	Effects of pesticides and pharmaceuticals on biofilms in a highly impacted river. <i>Environmental Pollution</i> , 2013 , 178, 220-8	9.3	84
275	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
274	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	10.2	83
273	Functional responses of stream biofilms to flow cessation, desiccation and rewetting. <i>Freshwater Biology</i> , 2012 , 57, 1565-1578	3.1	82
272	Combined scenarios of chemical and ecological quality under water scarcity in Mediterranean rivers. <i>TrAC - Trends in Analytical Chemistry</i> , 2011 , 30, 1269-1278	14.6	82
271	LIGHT HISTORY INFLUENCES THE SENSITIVITY TO ATRAZINE IN PERIPHYTIC ALGAE. <i>Journal of Phycology</i> , 1998 , 34, 233-241	3	82
270	Contrasting effects of organic and inorganic toxicants on freshwater periphyton. <i>Aquatic Toxicology</i> , 2003 , 64, 165-75	5.1	82
269	Multifunctionality and diversity in bacterial biofilms. <i>PLoS ONE</i> , 2011 , 6, e23225	3.7	80
268	Contraction, fragmentation and expansion dynamics determine nutrient availability in a Mediterranean forest stream. <i>Aquatic Sciences</i> , 2011 , 73, 485-497	2.5	78
267	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
266	STRUCTURE AND FUNCTION OF BENTHIC ALGAL COMMUNITIES IN AN EXTREMELY ACID RIVER1. <i>Journal of Phycology</i> , 2003 , 39, 481-489	3	77
265	Effects of large river dam regulation on bacterioplankton community structure. <i>FEMS Microbiology Ecology</i> , 2013 , 84, 316-31	4.3	76
264	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
263	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		75
262	Influence of algal biomass on extracellular enzyme activity in river biofilms. <i>Microbial Ecology</i> , 2000 , 40, 16-24	4.4	75
261	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		74

260	Runoff Trends Driven by Climate and Afforestation in a Pyrenean Basin. <i>Land Degradation and Development</i> , 2016 , 27, 823-838	4.4	74
259	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
258	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
257	Effect of primary producers on the heterotrophic metabolism of a stream biofilm. <i>Freshwater Biology</i> , 1999 , 41, 729-736	3.1	71
256	Effects of human-driven water stress on river ecosystems: a meta-analysis. <i>Scientific Reports</i> , 2018 , 8, 11462	4.9	70
255	Recent perspectives on temporary river ecology. <i>Aquatic Sciences</i> , 2011 , 73, 453-457	2.5	70
254	STRUCTURE AND ACTIVITY OF ROCK AND SAND BIOFILMS IN A MEDITERRANEAN STREAM. <i>Ecology</i> , 2001 , 82, 3232-3245	4.6	68
253	Response of biofilm bacterial communities to antibiotic pollutants in a Mediterranean river. <i>Chemosphere</i> , 2013 , 92, 1126-35	8.4	67
252	Resistance and recovery of river biofilms receiving short pulses of Triclosan and Diuron. <i>Science of the Total Environment</i> , 2011 , 409, 3129-37	10.2	67
251	Community composition and sensitivity of periphyton to atrazine in flowing waters: the role of environmental factors. <i>Journal of Applied Phycology</i> , 1998 , 10, 203-213	3.2	67
250	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
249	Least Disturbed Condition for European Mediterranean rivers. <i>Science of the Total Environment</i> , 2014 , 476-477, 745-56	10.2	66
248	Organic matter availability during pre- and post-drought periods in a Mediterranean stream. <i>Hydrobiologia</i> , 2010 , 657, 217-232	2.4	66
247	The influence of substratum type and nutrient supply on biofilm organic matter utilization in streams. <i>Limnology and Oceanography</i> , 2004 , 49, 1713-1721	4.8	66
246	Determination of the biological diatom index (IBD NF T 90B54): results of an intercomparison exercise. <i>Journal of Applied Phycology</i> , 2002 , 14, 27-39	3.2	66
245	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
244	Microbial biofilm structure and organic matter use in mediterranean streams. <i>Hydrobiologia</i> , 2013 , 719, 43-58	2.4	64
243	SEASONAL VARIATIONS IN PHOTOSYNTHESIS-IRRADIANCE RESPONSES BY BIOFILMS IN MEDITERRANEAN STREAMS. <i>Journal of Phycology</i> , 1995 , 31, 727-735	3	63

242	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
241	Fluvial biofilms: A pertinent tool to assess beta-blockers toxicity. <i>Aquatic Toxicology</i> , 2010 , 96, 225-33	5.1	61
240	Phosphate limitation influences the sensitivity to copper in periphytic algae. <i>Freshwater Biology</i> , 2004 , 49, 463-473	3.1	60
239	Availability of glucose and light modulates the structure and function of a microbial biofilm. <i>FEMS Microbiology Ecology</i> , 2009 , 69, 27-42	4.3	59
238	Effects of atrazine on periphyton under grazing pressure. <i>Aquatic Toxicology</i> , 2001 , 55, 239-49	5.1	59
237	Stream Biofilm Responses to Flow Intermittency: From Cells to Ecosystems. <i>Frontiers in Environmental Science</i> , 2016 , 4,	4.8	59
236	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
235	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
234	Interaction between local hydrodynamics and algal community in epilithic biofilm. <i>Water Research</i> , 2013 , 47, 2153-63	12.5	57
233	BENTHIC MICROALGAL COLONIZATION IN STREAMS OF DIFFERING RIPARIAN COVER AND LIGHT AVAILABILITY1. <i>Journal of Phycology</i> , 2004 , 40, 1004-1012	3	57
232	EFFECT OF COPPER ON ALGAL COMMUNITIES FROM OLIGOTROPHIC CALCAREOUS STREAMS1. <i>Journal of Phycology</i> , 2002 , 38, 241-248	3	57
231	Ecological and biogeographical aspects of diatom distribution in Pyrenean springs. <i>British Phycological Journal</i> , 1992 , 27, 203-213		57
230	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
229	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
228	Nutrient enrichment effects on biofilm metabolism in a Mediterranean stream. <i>Freshwater Biology</i> , 1995 , 33, 373-383	3.1	55
227	When Water Vanishes: Magnitude and Regulation of Carbon Dioxide Emissions from Dry Temporary Streams. <i>Ecosystems</i> , 2016 , 19, 710-723	3.9	54
226	Ecological implications of mass growth of benthic cyanobacteria in rivers. <i>Aquatic Microbial Ecology</i> , 2003 , 32, 175-184	1.1	53
225	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	5.5	52

224	Comparing fish assemblages and trophic ecology of permanent and intermittent reaches in a Mediterranean stream. <i>Hydrobiologia</i> , 2010 , 657, 167-180	2.4	51
223	Changes in atrazine toxicity throughout succession of stream periphyton communities. <i>Journal of Applied Phycology</i> , 1997 , 9, 137-146	3.2	51
222	Flow regulation by dams affects ecosystem metabolism in Mediterranean rivers. <i>Freshwater Biology</i> , 2014 , 59, 1816-1829	3.1	49
221	Indicator taxa of benthic diatom communities: a case study in Mediterranean streams. <i>Annales De Limnologie</i> , 2007 , 43, 1-11	0.7	49
220	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, 475-84	10.2	48
219	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
218	Consistency in Diatom Response to Metal-Contaminated Environments. <i>Handbook of Environmental Chemistry</i> , 2012 , 117-146	0.8	47
217	Organic matter availability structures microbial biomass and activity in a Mediterranean stream. <i>Freshwater Biology</i> , 2009 , 54, 2025-2036	3.1	47
216	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	3.2	46
215	The effect of copper exposure on a simple aquatic food chain. <i>Aquatic Toxicology</i> , 2003 , 63, 283-91	5.1	46
214	Some factors affecting distribution of diatom assemblages in Pyrenean springs. <i>Freshwater Biology</i> , 1990 , 24, 493-507	3.1	46
213	Diurnal variation in dissolved oxygen and carbon dioxide in two low-order streams. <i>Water Research</i> , 1998 , 32, 1067-1074	12.5	45
212	Emerging contaminants and nutrients synergistically affect the spread of class 1 integron-integrase (intl1) and sul1 genes within stable streambed bacterial communities. <i>Water Research</i> , 2018 , 138, 77-85	12.5	44
211	ALGAL RESPONSE TO NUTRIENT ENRICHMENT IN FORESTED OLIGOTROPHIC STREAM(1). <i>Journal of Phycology</i> , 2008 , 44, 564-72	3	44
210	Responses of biofilms to combined nutrient and metal exposure. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 626-632	3.8	44
209	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
208	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, 1206-16	8.4	43
207	Labile and recalcitrant organic matter utilization by river biofilm under increasing water temperature. <i>Microbial Ecology</i> , 2012 , 64, 593-604	4.4	42

206	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	1.8	42
205	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, 1548-54	8.4	41
204	Use of microbenthic algal communities in ecotoxicological tests for the assessment of water quality: the Ter river case study. <i>Journal of Applied Phycology</i> , 2002 , 14, 41-48	3.2	41
203	Ecology and morphological variability of <i>Aulacoseira granulata</i> (Bacillariophyceae) in Spanish reservoirs. <i>Journal of Plankton Research</i> , 1995 , 17, 1-16	2.2	41
202	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, 664-9	5.1	40
201	Successional dynamics of the phytoplankton in the lower part of the river Ebro. <i>Journal of Plankton Research</i> , 1990 , 12, 573-592	2.2	40
200	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
199	The Iberian Rivers 2009 , 113-149		39
198	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	14.6	39
197	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
196	Long-term moderate nutrient inputs enhance autotrophy in a forested Mediterranean stream. <i>Freshwater Biology</i> , 2011 , 56, 1266-1280	3.1	38
195	Hydrological transitions drive dissolved organic matter quantity and composition in a temporary Mediterranean stream. <i>Biogeochemistry</i> , 2015 , 123, 429-446	3.8	37
194	Variable discharge alters habitat suitability for benthic algae and cyanobacteria in a forested Mediterranean stream. <i>Marine and Freshwater Research</i> , 2010 , 61, 441	2.2	37
193	Understanding effects of global change on river ecosystems: science to support policy in a changing world. <i>Hydrobiologia</i> , 2010 , 657, 3-18	2.4	37
192	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
191	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
190	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
189	Increasing extent of periods of no flow in intermittent waterways promotes heterotrophy. <i>Freshwater Biology</i> , 2015 , 60, 1810-1823	3.1	35

188	Is chemical contamination linked to the diversity of biological communities in rivers?. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 592-602	14.6	34
187	Metabolic changes associated with biofilm formation in an undisturbed Mediterranean stream. <i>Hydrobiologia</i> , 1996 , 335, 107-113	2.4	34
186	Heterotrophic metabolism in a forest stream sediment: surface versus subsurface zones. <i>Aquatic Microbial Ecology</i> , 1998 , 16, 143-151	1.1	34
185	Multiple-stressor effects on river biofilms under different hydrological conditions. <i>Freshwater Biology</i> , 2016 , 61, 2102-2115	3.1	34
184	Integrating ecosystem services in river basin management plans. <i>Journal of Applied Ecology</i> , 2016 , 53, 865-875	5.8	34
183	The nematode community in cyanobacterial biofilms in the river Llobregat, Spain. <i>Nematology</i> , 2006 , 8, 909-919	0.9	33
182	Effects of nutrient inputs in a forested Mediterranean stream under moderate light availability. <i>Archiv für Hydrobiologie</i> , 2005 , 163, 479-496		33
181	Metabolism recovery of a stromatolitic biofilm after drought in a Mediterranean stream fig: 3. <i>Fundamental and Applied Limnology</i> , 1997 , 140, 261-271	1.9	33
180	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	5.8	32
179	Does grazing pressure modify diuron toxicity in a biofilm community?. <i>Archives of Environmental Contamination and Toxicology</i> , 2010 , 58, 955-62	3.2	32
178	Epilithic ectoenzyme activity in a nutrient-rich Mediterranean river. <i>Aquatic Sciences</i> , 1999 , 61, 122	2.5	32
177	What do we still need to know about the ecohydrology of riparian zones?. <i>Ecohydrology</i> , 2010 , 3, 373-377	2.5	31
176	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
175	Influence of phosphate on the response of periphyton to atrazine exposure. <i>Archives of Environmental Contamination and Toxicology</i> , 2007 , 52, 32-7	3.2	30
174	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	1.9	30
173	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
172	Organic matter characteristics in a Mediterranean stream through amino acid composition: changes driven by intermittency. <i>Aquatic Sciences</i> , 2011 , 73, 523-535	2.5	29
171	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

170	Drought episode modulates the response of river biofilms to triclosan. <i>Aquatic Toxicology</i> , 2013 , 127, 36-45	5.1	28
169	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
168	Distribution patterns of benthic diatoms in a Pampean river exposed to seasonal floods: the Cuarto River (Argentina). <i>Biodiversity and Conservation</i> , 2003 , 12, 2443-2454	3.4	28
167	Wood and leaf debris input in a Mediterranean stream: The influence of riparian vegetation. <i>Fundamental and Applied Limnology</i> , 2001 , 153, 91-102	1.9	28
166	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
165	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
164	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
163	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	1.9	27
162	Algal biomass in a disturbed Atlantic river: water quality relationships and environmental implications. <i>Science of the Total Environment</i> , 2000 , 263, 185-95	10.2	27
161	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
160	Colonisation of Introduced Timber by Algae and Invertebrates, and its Potential Role in Aquatic Ecosystem Restoration. <i>Hydrobiologia</i> , 2006 , 556, 303-316	2.4	26
159	Leaf litter dynamics and nitrous oxide emission in a Mediterranean riparian forest: implications for soil nitrogen dynamics. <i>Journal of Environmental Quality</i> , 2003 , 32, 191-7	3.4	26
158	Effects of copper on algal communities at different current velocities. <i>Journal of Applied Phycology</i> , 2002 , 14, 391-398	3.2	26
157	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	2.1	26
156	Hydrological characterization of dammed rivers in the NW Mediterranean region. <i>Hydrological Processes</i> , 2016 , 30, 1691-1707	3.3	25
155	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
154	Regulation causes nitrogen cycling discontinuities in Mediterranean rivers. <i>Science of the Total Environment</i> , 2016 , 540, 168-77	10.2	24
153	Biofilm functional responses to the rehydration of a dry intermittent stream. <i>Hydrobiologia</i> , 2014 , 727, 185-195	2.4	24

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