

# Helen P Jarvie

## List of Publications by Citations

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140  
papers

8,275  
citations

53  
h-index

87  
g-index

141  
ext. papers

9,268  
ext. citations

7.5  
avg, IF

5.95  
L-index

#	Paper	IF	Citations
140	Phosphorus legacy: overcoming the effects of past management practices to mitigate future water quality impairment. <i>Journal of Environmental Quality</i> , <b>2013</b> , 42, 1308-26	3.4	543
139	Delivery and cycling of phosphorus in rivers: a review. <i>Science of the Total Environment</i> , <b>2008</b> , 400, 379-95	10.2	487
138	Sewage-effluent phosphorus: a greater risk to river eutrophication than agricultural phosphorus?. <i>Science of the Total Environment</i> , <b>2006</b> , 360, 246-53	10.2	320
137	Agriculture and Eutrophication: Where Do We Go from Here?. <i>Sustainability</i> , <b>2014</b> , 6, 5853-5875	3.6	249
136	Role of river bed sediments as sources and sinks of phosphorus across two major eutrophic UK river basins: the Hampshire Avon and Herefordshire Wye. <i>Journal of Hydrology</i> , <b>2005</b> , 304, 51-74	6	221
135	Phosphorus mitigation to control river eutrophication: murky waters, inconvenient truths, and "postnormal" science. <i>Journal of Environmental Quality</i> , <b>2013</b> , 42, 295-304	3.4	207
134	Nitrogen and phosphorus in east coast British rivers: Speciation, sources and biological significance. <i>Science of the Total Environment</i> , <b>1998</b> , 210-211, 79-109	10.2	196
133	Long-term accumulation and transport of anthropogenic phosphorus in three river basins. <i>Nature Geoscience</i> , <b>2016</b> , 9, 353-356	18.3	188
132	Water quality remediation faces unprecedented challenges from "legacy phosphorus". <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 8997-8	10.3	179
131	Future agriculture with minimized phosphorus losses to waters: Research needs and direction. <i>Ambio</i> , <b>2015</b> , 44 Suppl 2, S163-79	6.5	162
130	Increased Soluble Phosphorus Loads to Lake Erie: Unintended Consequences of Conservation Practices?. <i>Journal of Environmental Quality</i> , <b>2017</b> , 46, 123-132	3.4	157
129	Agriculture as a phosphorus source for eutrophication in the north-west European countries, Norway, Sweden, United Kingdom and Ireland: a review. <i>Soil Use and Management</i> , <b>2007</b> , 23, 5-15	3.1	157
128	Review of robust measurement of phosphorus in river water: sampling, storage, fractionation and sensitivity. <i>Hydrology and Earth System Sciences</i> , <b>2002</b> , 6, 113-131	5.5	138
127	Characterising phosphorus and nitrate inputs to a rural river using high-frequency concentration-flow relationships. <i>Science of the Total Environment</i> , <b>2015</b> , 511, 608-20	10.2	136
126	Modelling of phosphorus inputs to rivers from diffuse and point sources. <i>Science of the Total Environment</i> , <b>2008</b> , 395, 125-38	10.2	131
125	Sustainable phosphorus management and the need for a long-term perspective: the legacy hypothesis. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 8417-9	10.3	126
124	An assessment of the fate, behaviour and environmental risk associated with sunscreen TiO <sub>2</sub> nanoparticles in UK field scenarios. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 2503-10	10.2	126

123	Fate of silica nanoparticles in simulated primary wastewater treatment. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 8622-8	10.3	114
122	The British river of the future: how climate change and human activity might affect two contrasting river ecosystems in England. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 4787-98	10.2	113
121	Do septic tank systems pose a hidden threat to water quality?. <i>Frontiers in Ecology and the Environment</i> , <b>2014</b> , 12, 123-130	5.5	104
120	Quantifying the impact of septic tank systems on eutrophication risk in rural headwaters. <i>Environment International</i> , <b>2011</b> , 37, 644-53	12.9	97
119	The Pivotal Role of Phosphorus in a Resilient Water-Energy-Food Security Nexus. <i>Journal of Environmental Quality</i> , <b>2015</b> , 44, 1049-62	3.4	95
118	Major ion concentrations and the inorganic carbon chemistry of the Humber rivers. <i>Science of the Total Environment</i> , <b>1997</b> , 194-195, 285-302	10.2	90
117	Phosphorus sources, speciation and dynamics in the lowland eutrophic River Kennet, UK. <i>Science of the Total Environment</i> , <b>2002</b> , 282-283, 175-203	10.2	90
116	Streamwater phosphorus and nitrogen across a gradient in rural agricultural land use intensity. <i>Agriculture, Ecosystems and Environment</i> , <b>2010</b> , 135, 238-252	5.7	88
115	Water quality of treated sewage effluent in a rural area of the upper Thames Basin, southern England, and the impacts of such effluents on riverine phosphorus concentrations. <i>Journal of Hydrology</i> , <b>2005</b> , 304, 103-117	6	86
114	Trace element inter-relationships for the Humber rivers: inferences for hydrological and chemical controls. <i>Science of the Total Environment</i> , <b>1997</b> , 194-195, 321-343	10.2	83
113	The significance of dissolved carbon dioxide in major lowland rivers entering the North Sea. <i>Science of the Total Environment</i> , <b>1998</b> , 210-211, 187-203	10.2	81
112	Within-river phosphorus retention: accounting for a missing piece in the watershed phosphorus puzzle. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 13284-92	10.3	80
111	Phosphorus and nitrogen limitation and impairment of headwater streams relative to rivers in Great Britain: A national perspective on eutrophication. <i>Science of the Total Environment</i> , <b>2018</b> , 621, 849-862	10.3	74
110	The water quality of the River Kennet: initial observations on a lowland chalk stream impacted by sewage inputs and phosphorus remediation. <i>Science of the Total Environment</i> , <b>2000</b> , 251-252, 477-95	10.2	72
109	Phosphorus-calcium carbonate saturation relationships in a lowland chalk river impacted by sewage inputs and phosphorus remediation: an assessment of phosphorus self-cleansing mechanisms in natural waters. <i>Science of the Total Environment</i> , <b>2002</b> , 282-283, 295-310	10.2	69
108	The strategic significance of wastewater sources to pollutant phosphorus levels in English rivers and to environmental management for rural, agricultural and urban catchments. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 1485-500	10.2	65
107	Within-river nutrient processing in Chalk streams: The Pang and Lambourn, UK. <i>Journal of Hydrology</i> , <b>2006</b> , 330, 101-125	6	64
106	Phosphorus uptake into algal biofilms in a lowland chalk river. <i>Science of the Total Environment</i> , <b>2002</b> , 282-283, 353-73	10.2	64

105	Agriculture, community, river eutrophication and the Water Framework Directive. <i>Hydrological Processes</i> , <b>2005</b> , 19, 1895-1901	3.3	64
104	Titanium in UK rural, agricultural and urban/industrial rivers: geogenic and anthropogenic colloidal/sub-colloidal sources and the significance of within-river retention. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 1843-53	10.2	63
103	Factors regulating the spatial and temporal distribution of solute concentrations in a major river system in NE Scotland. <i>Science of the Total Environment</i> , <b>1998</b> , 221, 93-110	10.2	63
102	Identifying priorities for nutrient mitigation using river concentration/flow relationships: The Thames basin, UK. <i>Journal of Hydrology</i> , <b>2014</b> , 517, 1-12	6	62
101	Influence of rural land use on streamwater nutrients and their ecological significance. <i>Journal of Hydrology</i> , <b>2008</b> , 350, 166-186	6	62
100	The LOIS river monitoring network: strategy and implementation. <i>Science of the Total Environment</i> , <b>1997</b> , 194-195, 101-109	10.2	60
99	Nutrient criteria for surface waters under the European Water Framework Directive: Current state-of-the-art, challenges and future outlook. <i>Science of the Total Environment</i> , <b>2019</b> , 695, 133888	10.2	59
98	The prediction and management of water quality in a relatively unpolluted major Scottish catchment: current issues and experimental approaches. <i>Science of the Total Environment</i> , <b>1997</b> , 194-195, 419-435	10.2	59
97	Impact of point-source pollution on phosphorus and nitrogen cycling in stream-bed sediments. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 908-14	10.3	58
96	Stream-bed phosphorus in paired catchments with different agricultural land use intensity. <i>Agriculture, Ecosystems and Environment</i> , <b>2009</b> , 134, 53-66	5.7	58
95	Declines in phosphorus concentration in the upper River Thames (UK): links to sewage effluent cleanup and extended end-member mixing analysis. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 1315-30	10.2	58
94	The geography of the Humber catchment. <i>Science of the Total Environment</i> , <b>1997</b> , 194-195, 87-99	10.2	56
93	Nutrient hydrochemistry for a groundwater-dominated catchment: the Hampshire Avon, UK. <i>Science of the Total Environment</i> , <b>2005</b> , 344, 143-58	10.2	55
92	Macrophyte and periphyton dynamics in a UK Cretaceous Chalk stream: the river Kennet, a tributary of the Thames. <i>Science of the Total Environment</i> , <b>2002</b> , 282-283, 143-57	10.2	54
91	High-frequency water quality monitoring in an urban catchment: hydrochemical dynamics, primary production and implications for the Water Framework Directive. <i>Hydrological Processes</i> , <b>2015</b> , 29, 3388-3407	3.3	53
90	Characterization of phosphorus sources in rural watersheds. <i>Journal of Environmental Quality</i> , <b>2009</b> , 38, 1998-2011	3.4	53
89	Measurement of soluble reactive phosphorus concentration profiles and fluxes in river-bed sediments using DET gel probes. <i>Journal of Hydrology</i> , <b>2008</b> , 350, 261-273	6	53
88	The water quality of the LOCAR Pang and Lambourn catchments. <i>Hydrology and Earth System Sciences</i> , <b>2004</b> , 8, 614-635	5.5	53

87	Change in riverine suspended sediment concentration in central Japan in response to late 20th century human activities. <i>Catena</i> , <b>2004</b> , 55, 231-254	5.8	52
86	On modeling the mechanisms that control in-stream phosphorus, macrophyte, and epiphyte dynamics: An assessment of a new model using general sensitivity analysis. <i>Water Resources Research</i> , <b>2001</b> , 37, 2777-2792	5.4	52
85	Small Water Bodies in Great Britain and Ireland: Ecosystem function, human-generated degradation, and options for restorative action. <i>Science of the Total Environment</i> , <b>2018</b> , 645, 1598-1616	10.2	50
84	Patterns in nutrient concentrations and biological quality indices across the upper Thames river basin, UK. <i>Science of the Total Environment</i> , <b>2002</b> , 282-283, 263-94	10.2	50
83	Phosphorus dynamics and productivity in a sewage-impacted lowland chalk stream. <i>Journal of Hydrology</i> , <b>2008</b> , 351, 87-97	6	49
82	On modelling the impacts of phosphorus stripping at sewage works on in-stream phosphorus and macrophyte/epiphyte dynamics: a case study for the River Kennet. <i>Science of the Total Environment</i> , <b>2002</b> , 282-283, 395-415	10.2	47
81	Nutrient emissions to water from septic tank systems in rural catchments: Uncertainties and implications for policy. <i>Environmental Science and Policy</i> , <b>2012</b> , 24, 71-82	6.2	46
80	Predicting phosphorus concentrations in British rivers resulting from the introduction of improved phosphorus removal from sewage effluent. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 4239-50	10.2	46
79	Handling the phosphorus paradox in agriculture and natural ecosystems: Scarcity, necessity, and burden of P. <i>Ambio</i> , <b>2018</b> , 47, 3-19	6.5	46
78	Nitrate concentrations in river waters of the upper Thames and its tributaries. <i>Science of the Total Environment</i> , <b>2006</b> , 365, 15-32	10.2	44
77	Trace element concentrations in the major rivers entering the Humber estuary, NE England. <i>Journal of Hydrology</i> , <b>1996</b> , 182, 37-64	6	44
76	European land-based pollutant loads to the North Sea: an analysis of the Paris Commission data and review of monitoring strategies. <i>Science of the Total Environment</i> , <b>1997</b> , 194-195, 39-58	10.2	43
75	Stream water chemistry and quality along an upland/lowland rural land-use continuum, south west England. <i>Journal of Hydrology</i> , <b>2008</b> , 350, 215-231	6	43
74	Water quality along a river continuum subject to point and diffuse sources. <i>Journal of Hydrology</i> , <b>2008</b> , 350, 154-165	6	42
73	Internal loading of phosphorus in a sedimentation pond of a treatment wetland: effect of a phytoplankton crash. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 2222-32	10.2	41
72	Phosphorus retention and remobilization along hydrological pathways in karst terrain. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 4860-8	10.3	40
71	The Water Quality of the River Enborne, UK: Observations from High-Frequency Monitoring in a Rural, Lowland River System. <i>Water (Switzerland)</i> , <b>2014</b> , 6, 150-180	3	40
70	Exploring the linkages between river water chemistry and watershed characteristics using GIS-based catchment and locality analyses. <i>Regional Environmental Change</i> , <b>2002</b> , 3, 36-50	4.3	39

69	Use of continuous water quality records for hydrograph separation and to assess short-term variability and extremes in acidity and dissolved carbon dioxide for the River Dee, Scotland. <i>Science of the Total Environment</i> , <b>2001</b> , 265, 85-98	10.2	39
68	Changes in point and diffuse source phosphorus inputs to the River Frome (Dorset, UK) from 1966 to 2006. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 1954-66	10.2	38
67	Nutrient water quality of the Wye catchment, UK: exploring patterns and fluxes using the Environment Agency data archives. <i>Hydrology and Earth System Sciences</i> , <b>2003</b> , 7, 722-743	5.5	38
66	Introduction to the Land-Ocean Interaction Study (LOIS): Rationale and international context. <i>Science of the Total Environment</i> , <b>1998</b> , 210-211, 5-20	10.2	36
65	Phosphorus concentrations in the River Dun, the Kennet and Avon Canal and the River Kennet, southern England. <i>Science of the Total Environment</i> , <b>2005</b> , 344, 107-28	10.2	33
64	The water quality of the River Wear, north-east England. <i>Science of the Total Environment</i> , <b>2000</b> , 251-252, 153-72	10.2	32
63	What's more important for managing phosphorus: loads, concentrations or both?. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 23-4	10.3	31
62	Assessing Changes in Phosphorus Concentrations in Relation to In-Stream Plant Ecology in Lowland Permeable Catchments: Bringing Ecosystem Functioning Into Water Quality Monitoring. <i>Water, Air and Soil Pollution</i> , <b>2004</b> , 4, 641-655		31
61	Celebrating the 350th Anniversary of Phosphorus Discovery: A Conundrum of Deficiency and Excess. <i>Journal of Environmental Quality</i> , <b>2018</b> , 47, 774-777	3.4	31
60	The water quality of the Great Ouse. <i>Science of the Total Environment</i> , <b>2000</b> , 251-252, 423-40	10.2	30
59	Modelling phosphorus dynamics in multi-branch river systems: a study of the Black River, Lake Simcoe, Ontario, Canada. <i>Science of the Total Environment</i> , <b>2011</b> , 412-413, 315-23	10.2	29
58	Lowland river water quality: a new UK data resource for process and environmental management analysis. <i>Hydrological Processes</i> , <b>2012</b> , 26, 949-960	3.3	28
57	Decreasing boron concentrations in UK rivers: insights into reductions in detergent formulations since the 1990s and within-catchment storage issues. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 1374-85	10.2	28
56	River water quality in the Humber catchment: an introduction using GIS-based mapping and analysis. <i>Science of the Total Environment</i> , <b>2000</b> , 251-252, 9-26	10.2	28
55	Exploring how organic matter controls structural transformations in natural aquatic nanocolloidal dispersions. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 6959-67	10.3	27
54	Phosphorus footprint in China over the 1961-2050 period: Historical perspective and future prospect. <i>Science of the Total Environment</i> , <b>2019</b> , 650, 687-695	10.2	27
53	Small-angle neutron scattering study of natural aquatic nanocolloids. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 2868-73	10.3	26
52	Modelling nitrogen dynamics and distributions in the River Tweed, Scotland: an application of the INCA model. <i>Hydrology and Earth System Sciences</i> , <b>2002</b> , 6, 433-454	5.5	26

51	Riverine inputs of major ions and trace elements to the tidal reaches of the River Tweed, UK. <i>Science of the Total Environment</i> , <b>2000</b> , 251-252, 55-81	10.2	26
50	Quantifying phosphorus retention and release in rivers and watersheds using extended end-member mixing analysis (E-EMMA). <i>Journal of Environmental Quality</i> , <b>2011</b> , 40, 492-504	3.4	25
49	Distant Views and Local Realities: The Limits of Global Assessments to Restore the Fragmented Phosphorus Cycle. <i>Agricultural and Environmental Letters</i> , <b>2016</b> , 1, 160024	1.5	24
48	Inorganic carbon dominates total dissolved carbon concentrations and fluxes in British rivers: Application of the THINCARB model - Thermodynamic modelling of inorganic carbon in freshwaters. <i>Science of the Total Environment</i> , <b>2017</b> , 575, 496-512	10.2	23
47	Guiding phosphorus stewardship for multiple ecosystem services. <i>Ecosystem Health and Sustainability</i> , <b>2016</b> , 2, e01251	3.7	23
46	Role of riverine colloids in macronutrient and metal partitioning and transport, along an upland-lowland land-use continuum, under low-flow conditions. <i>Science of the Total Environment</i> , <b>2012</b> , 434, 171-85	10.2	21
45	Water quality functioning of lowland permeable catchments: inferences from an intensive study of the RIVER KENNET and upper River Thames. <i>Science of the Total Environment</i> , <b>2002</b> , 282-283, 471-90	10.2	21
44	Towards resolving the phosphorus chaos created by food systems. <i>Ambio</i> , <b>2020</b> , 49, 1076-1089	6.5	20
43	Understanding Phosphorus Mobility and Bioavailability in the Hyporheic Zone of a Chalk Stream. <i>Water, Air, and Soil Pollution</i> , <b>2011</b> , 218, 213-226	2.6	19
42	Conclusions to the special volume of science of the total environment concerning UK fluxes to the North Sea, land ocean interaction study river basins research, the first two years. <i>Science of the Total Environment</i> , <b>1997</b> , 194-195, 467-477	10.2	19
41	Weekly water quality monitoring data for the River Thames (UK) and its major tributaries (2009-2013): the Thames Initiative research platform. <i>Earth System Science Data</i> , <b>2018</b> , 10, 1637-1653	10.5	19
40	Coupling High-Frequency Stream Metabolism and Nutrient Monitoring to Explore Biogeochemical Controls on Downstream Nitrate Delivery. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 13708-13717	10.3	19
39	The water quality of the River Dun and the Kennet and Avon Canal. <i>Journal of Hydrology</i> , <b>2006</b> , 330, 155-170	4.7	18
38	Acid-available particulate trace metals associated with suspended sediment in the Humber rivers: a regional assessment. <i>Hydrological Processes</i> , <b>1999</b> , 13, 1117-1136	3.3	18
37	Mains water leakage: Implications for phosphorus source apportionment and policy responses in catchments. <i>Science of the Total Environment</i> , <b>2017</b> , 579, 702-708	10.2	17
36	Just scratching the surface? New techniques show how surface functionality of nanoparticles influences their environmental fate. <i>Nano Today</i> , <b>2010</b> , 5, 248-250	17.9	16
35	The fluvial flux of total reactive and total phosphorus from the UK in the context of a national phosphorus budget: comparing UK river fluxes with phosphorus trade imports and exports. <i>Biogeochemistry</i> , <b>2016</b> , 130, 31-51	3.8	15
34	The water quality of the River Trent: from the lower non-tidal reaches to the freshwater tidal zone. <i>Science of the Total Environment</i> , <b>2000</b> , 251-252, 335-67	10.2	15

33	Patterns in trace element chemistry in the freshwater tidal reaches of the River Trent. <i>Science of the Total Environment</i> , <b>2000</b> , 251-252, 317-33	10.2	14
32	High-frequency phosphorus monitoring of the River Kennet, UK: are ecological problems due to intermittent sewage treatment works failures?. <i>Journal of Environmental Monitoring</i> , <b>2012</b> , 14, 3137-45		13
31	Measuring in-stream productivity: the potential of continuous chlorophyll and dissolved oxygen monitoring for assessing the ecological status of surface waters. <i>Water Science and Technology</i> , <b>2003</b> , 48, 191-198	2.2	12
30	Nutrient monitoring, simulation and management within a major lowland UK river system: the Kennet. <i>Mathematics and Computers in Simulation</i> , <b>2004</b> , 64, 307-317	3.3	12
29	Pollution regimes and variability in river water quality across the Humber catchment: interrogation and mapping of an extensive and highly heterogeneous spatial dataset. <i>Science of the Total Environment</i> , <b>2000</b> , 251-252, 27-43	10.2	12
28	Forty-year trends in the flux and concentration of phosphorus in British rivers. <i>Journal of Hydrology</i> , <b>2018</b> , 558, 314-327	6	11
27	Enhanced nitrogen and phosphorus flows in a mixed land use basin: Drivers and consequences. <i>Journal of Cleaner Production</i> , <b>2018</b> , 181, 416-425	10.3	11
26	The biogeochemistry of arsenic in a remote UK upland site: trends in rainfall and runoff, and comparisons with urban rivers. <i>Journal of Environmental Monitoring</i> , <b>2011</b> , 13, 1255-63		11
25	A novel index of susceptibility of rivers and their catchments to acidification in regions subject to a maritime influence. <i>Applied Geochemistry</i> , <b>1999</b> , 14, 1093-1099	3.5	11
24	One size does not fit all: Toward regional conservation practice guidance to reduce phosphorus loss risk in the Lake Erie watershed. <i>Journal of Environmental Quality</i> , <b>2021</b> , 50, 529-546	3.4	11
23	Exploring controls on the fate of PVP-capped silver nanoparticles in primary wastewater treatment. <i>Environmental Science: Nano</i> , <b>2015</b> , 2, 177-190	7.1	10
22	Aluminium in UK rivers: a need for integrated research related to kinetic factors, colloidal transport, carbon and habitat. <i>Journal of Environmental Monitoring</i> , <b>2011</b> , 13, 2153-64		10
21	Intense summer floods may induce prolonged increases in benthic respiration rates of more than one year leading to low river dissolved oxygen. <i>Journal of Hydrology X</i> , <b>2020</b> , 8, 100056	4.6	9
20	Biogeochemical and climate drivers of wetland phosphorus and nitrogen release: Implications for nutrient legacies and eutrophication risk. <i>Journal of Environmental Quality</i> , <b>2020</b> , 49, 1703-1716	3.4	8
19	Future Phosphorus: Advancing New 2D Phosphorus Allotropes and Growing a Sustainable Bioeconomy. <i>Journal of Environmental Quality</i> , <b>2019</b> , 48, 1145-1155	3.4	8
18	Sediment phosphorus buffering in streams at baseflow: A meta-analysis. <i>Journal of Environmental Quality</i> , <b>2021</b> , 50, 287-311	3.4	8
17	: Illuminating the Past and Future of Phosphorus Stewardship. <i>Journal of Environmental Quality</i> , <b>2019</b> , 48, 1127-1132	3.4	8
16	Linking Soil Erosion to Instream Dissolved Phosphorus Cycling and Periphyton Growth. <i>Journal of the American Water Resources Association</i> , <b>2017</b> , 53, 809-821	2.1	7



15	Accounting for ecosystem services in water quality standards compliance. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 14072-4	10.3	6
14	Phosphorus fluxes to the environment from mains water leakage: Seasonality and future scenarios. <i>Science of the Total Environment</i> , <b>2018</b> , 636, 1321-1332	10.2	6
13	The probability of breaching water quality standards – A probabilistic model of river water nitrate concentrations. <i>Journal of Hydrology</i> , <b>2020</b> , 583, 124562	6	5
12	Reducing Unintended Consequences of Agricultural Phosphorus <b>2019</b> , 103, 33-35		4
11	Assemblage grouping of European benthic diatoms as indicators of trophic status of rivers. <i>Fundamental and Applied Limnology</i> , <b>2010</b> , 176, 89-100	1.9	3
10	Managing the small stream network for improved water quality, biodiversity and ecosystem services protection (SSNet). <i>Research Ideas and Outcomes</i> , 5,	2.5	3
9	A 50-year record of nitrate concentrations in the Slapton Ley Catchment, Devon, United Kingdom. <i>Hydrological Processes</i> , <b>2021</b> , 35,	3.3	2
8	Measuring in-stream productivity: the potential of continuous chlorophyll and dissolved oxygen monitoring for assessing the ecological status of surface waters. <i>Water Science and Technology</i> , <b>2003</b> , 48, 191-8	2.2	2
7	Analysis of River Water Quality in the Humber Catchment Using the LOIS Database and GIS. <i>Journal of Geography (Chigaku Zasshi)</i> , <b>2002</b> , 111, 410-415	0.5	1
6	Water Quality 240-266		1
5	Contribution of bunker silo effluent discharged via a riparian zone to watershed phosphorus loads. <i>Journal of Great Lakes Research</i> , <b>2021</b> , 47, 1296-1304	3	0
4	The Role of Field-Scale Management on Soil and Surface Runoff C/N/P Stoichiometry. <i>Journal of Environmental Quality</i> , <b>2019</b> , 48, 1543-1548	3.4	
3	Dedication of the special issue to Colin Neal. <i>Science of the Total Environment</i> , <b>2012</b> , 434, 1-2	10.2	
2	Response to Letter to the Editor – Aerobic phosphorus release from shallow lake sediments – <i>Science of the Total Environment</i> , <b>2011</b> , 409, 4642-4643	10.2	
1	Assessing Changes in Phosphorus Concentrations in Relation to In-Stream Plant Ecology in Lowland Permeable Catchments: Bringing Ecosystem Functioning into Water Quality Monitoring <b>2004</b> , 641-655		