

# Richard J Cooper

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4558868/publications.pdf>

Version: 2024-02-01

26  
papers

1,201  
citations

516215

16  
h-index

552369

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1920  
citing authors

#	ARTICLE	IF	CITATIONS
1	Old World megadroughts and pluvials during the Common Era. <i>Science Advances</i> , 2015, 1, e1500561.	4.7	403
2	A millennial long March–July precipitation reconstruction for southern-central England. <i>Climate Dynamics</i> , 2013, 40, 997-1017.	1.7	88
3	Antecedent conditions, hydrological connectivity and anthropogenic inputs: Factors affecting nitrate and phosphorus transfers to agricultural headwater streams. <i>Science of the Total Environment</i> , 2016, 545-546, 184-199.	3.9	88
4	Apportioning sources of organic matter in streambed sediments: An integrated molecular and compound-specific stable isotope approach. <i>Science of the Total Environment</i> , 2015, 520, 187-197.	3.9	73
5	High-temporal resolution fluvial sediment source fingerprinting with uncertainty: a Bayesian approach. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 78-92.	1.2	65
6	A tree-ring reconstruction of East Anglian (UK) hydroclimate variability over the last millennium. <i>Climate Dynamics</i> , 2013, 40, 1019-1039.	1.7	55
7	Sensitivity of fluvial sediment source apportionment to mixing model assumptions: A Bayesian model comparison. <i>Water Resources Research</i> , 2014, 50, 9031-9047.	1.7	55
8	Indirect Nitrous Oxide Emission Factors for Agricultural Field Drains and Headwater Streams. <i>Environmental Science &amp; Technology</i> , 2017, 51, 301-307.	4.6	43
9	Hydrogeological Controls on Regional-Scale Indirect Nitrous Oxide Emission Factors for Rivers. <i>Environmental Science &amp; Technology</i> , 2017, 51, 10440-10448.	4.6	41
10	Assessing the farm-scale impacts of cover crops and non-inversion tillage regimes on nutrient losses from an arable catchment. <i>Agriculture, Ecosystems and Environment</i> , 2017, 237, 181-193.	2.5	39
11	An extended Bayesian sediment fingerprinting mixing model for the full Bayes treatment of geochemical uncertainties. <i>Hydrological Processes</i> , 2017, 31, 1900-1912.	1.1	38
12	Assessing the effectiveness of a three-stage on-farm biobed in treating pesticide contaminated wastewater. <i>Journal of Environmental Management</i> , 2016, 181, 874-882.	3.8	33
13	Contrasting controls on the phosphorus concentration of suspended particulate matter under baseflow and storm event conditions in agricultural headwater streams. <i>Science of the Total Environment</i> , 2015, 533, 49-59.	3.9	31
14	Conservation tillage and soil health: Lessons from a 5-year UK farm trial (2013–2018). <i>Soil and Tillage Research</i> , 2020, 202, 104648.	2.6	29
15	Combining two filter paper-based analytical methods to monitor temporal variations in the geochemical properties of fluvial suspended particulate matter. <i>Hydrological Processes</i> , 2014, 28, 4042-4056.	1.1	18
16	Diel turbidity cycles in a headwater stream: evidence of nocturnal bioturbation?. <i>Journal of Soils and Sediments</i> , 2016, 16, 1815-1824.	1.5	17
17	Riverbed sediments buffer phosphorus concentrations downstream of sewage treatment works across the River Wensum catchment, UK. <i>Journal of Soils and Sediments</i> , 2018, 18, 2107-2116.	1.5	16
18	Mitigating river sediment enrichment through the construction of roadside wetlands. <i>Journal of Environmental Management</i> , 2019, 231, 146-154.	3.8	13

#	ARTICLE	IF	CITATIONS
19	Dissolved nitrous oxide (N <sub>2</sub> O) dynamics in agricultural field drains and headwater streams in an intensive arable catchment. <i>Hydrological Processes</i> , 2017, 31, 1371-1381.	1.1	12
20	Temporal hydrochemical dynamics of the River Wensum, UK: Observations from long-term high-resolution monitoring (2011–2018). <i>Science of the Total Environment</i> , 2020, 724, 138253.	3.9	11
21	Prediction of storm transfers and annual loads with data-based mechanistic models using high-frequency data. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 6425-6444.	1.9	9
22	Assessing the environmental and economic efficacy of two integrated constructed wetlands at mitigating eutrophication risk from sewage effluent. <i>Water and Environment Journal</i> , 2020, 34, 669-678.	1.0	9
23	Mitigation Measures for Water Pollution and Flooding. <i>Landscape Series</i> , 2019, , 359-379.	0.1	6
24	Application of high-resolution telemetered sensor technology to develop conceptual models of catchment hydrogeological processes. <i>Journal of Hydrology X</i> , 2018, 1, 100007.	0.8	5
25	Evaluating the impacts of contrasting sewage treatment methods on nutrient dynamics across the River Wensum catchment, UK. <i>Science of the Total Environment</i> , 2022, 804, 150146.	3.9	3
26	Catchment Water Resources. <i>Landscape Series</i> , 2019, , 153-178.	0.1	1