

Philip Jordan

List of Publications by Year in descending order

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72
papers

3,309
citations

117453

34
h-index

155451

55
g-index

72
all docs

72
docs citations

72
times ranked

2868
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of colloids and other fractions in the below-ground delivery of phosphorus from agricultural hillslopes to streams. <i>Catena</i> , 2022, 208, 105735.	2.2	8
2	Coupled steroid and phosphorus leaching from cattle slurry at lysimeter scale. <i>Journal of Contaminant Hydrology</i> , 2022, 247, 103979.	1.6	1
3	Quantifying MCPA load pathways at catchment scale using high temporal resolution data. <i>Water Research</i> , 2022, 220, 118654.	5.3	6
4	Reducing MCPA herbicide pollution at catchment scale using an agri-environmental scheme. <i>Science of the Total Environment</i> , 2022, 838, 156080.	3.9	3
5	Soil chemical and fertilizer influences on soluble and medium-sized colloidal phosphorus in agricultural soils. <i>Science of the Total Environment</i> , 2021, 754, 142112.	3.9	33
6	Approaches to herbicide (MCPA) pollution mitigation in drinking water source catchments using enhanced space and time monitoring. <i>Science of the Total Environment</i> , 2021, 755, 142827.	3.9	22
7	Assessing the impact of fine sediment on high status river sites. <i>Science of the Total Environment</i> , 2021, 759, 143895.	3.9	0
8	Fine-scale quantification of stream bank geomorphic volume loss caused by cattle access. <i>Science of the Total Environment</i> , 2021, 769, 144468.	3.9	4
9	Charting a perfect storm of water quality pressures. <i>Science of the Total Environment</i> , 2021, 787, 147576.	3.9	13
10	A review of the pesticide MCPA in the land-water environment and emerging research needs. <i>Wiley Interdisciplinary Reviews: Water</i> , 2020, 7, e1402.	2.8	20
11	Comparing Extraction Methods for Biomarker Steroid Characterisation from Soil and Slurry. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 524.	1.1	5
12	Catchment effects of a future Nordic bioeconomy: From land use to water resources. <i>Ambio</i> , 2020, 49, 1697-1709.	2.8	8
13	Using a multi-dimensional approach for catchment scale herbicide pollution assessments. <i>Science of the Total Environment</i> , 2020, 747, 141232.	3.9	18
14	Benchmarking inference methods for water quality monitoring and status classification. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 261.	1.3	10
15	Influence of land management on soil erosion, connectivity, and sediment delivery in agricultural catchments: Closing the sediment budget. <i>Land Degradation and Development</i> , 2019, 30, 2257-2271.	1.8	11
16	A Global Perspective on Phosphorus Management Decision Support in Agriculture: Lessons Learned and Future Directions. <i>Journal of Environmental Quality</i> , 2019, 48, 1218-1233.	1.0	22
17	A carrying capacity framework for soil phosphorus and hydrological sensitivity from farm to catchment scales. <i>Science of the Total Environment</i> , 2019, 687, 277-286.	3.9	22
18	Integrated climate-chemical indicators of diffuse pollution from land to water. <i>Scientific Reports</i> , 2018, 8, 944.	1.6	49

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19	Assessments of Composite and Discrete Sampling Approaches for Water Quality Monitoring. <i>Water Resources Management</i> , 2018, 32, 3103-3118.	1.9	14
20	Non-domestic phosphorus release in rivers during low-flow: Mechanisms and implications for sources identification. <i>Journal of Hydrology</i> , 2018, 560, 141-149.	2.3	22
21	Sediment fingerprinting as a tool to identify temporal and spatial variability of sediment sources and transport pathways in agricultural catchments. <i>Agriculture, Ecosystems and Environment</i> , 2018, 267, 188-200.	2.5	29
22	Challenges of Reducing Phosphorus Based Water Eutrophication in the Agricultural Landscapes of Northwest Europe. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	91
23	Soils and Water Quality. <i>World Soils Book Series</i> , 2018, , 235-243.	0.1	2
24	Assessing the risk of phosphorus transfer to high ecological status rivers: Integration of nutrient management with soil geochemical and hydrological conditions. <i>Science of the Total Environment</i> , 2017, 589, 25-35.	3.9	36
25	The role of mobilisation and delivery processes on contrasting dissolved nitrogen and phosphorus exports in groundwater fed catchments. <i>Science of the Total Environment</i> , 2017, 599-600, 1275-1287.	3.9	44
26	Influence of stormflow and baseflow phosphorus pressures on stream ecology in agricultural catchments. <i>Science of the Total Environment</i> , 2017, 590-591, 469-483.	3.9	55
27	Nonlinear empirical modeling to estimate phosphorus exports using continuous records of turbidity and discharge. <i>Water Resources Research</i> , 2017, 53, 7590-7606.	1.7	38
28	Characterisation of agricultural drainage ditch sediments along the phosphorus transfer continuum in two contrasting headwater catchments. <i>Journal of Soils and Sediments</i> , 2016, 16, 1643-1654.	1.5	22
29	Sensors in the Stream: The High-Frequency Wave of the Present. <i>Environmental Science & Technology</i> , 2016, 50, 10297-10307.	4.6	239
30	Incidental nutrient transfers: Assessing critical times in agricultural catchments using high-resolution data. <i>Science of the Total Environment</i> , 2016, 553, 404-415.	3.9	19
31	A Functional Land Management conceptual framework under soil drainage and land use scenarios. <i>Environmental Science and Policy</i> , 2016, 56, 39-48.	2.4	80
32	Storm Event Suspended Sediment-Discharge Hysteresis and Controls in Agricultural Watersheds: Implications for Watershed Scale Sediment Management. <i>Environmental Science & Technology</i> , 2016, 50, 1769-1778.	4.6	108
33	Establishing the impacts of freshwater aquaculture in tropical Asia: the potential role of palaeolimnology. <i>Geo: Geography and Environment</i> , 2015, 2, 148-163.	0.5	15
34	Storm-triggered, increased supply of sediment-derived phosphorus to the epilimnion in a small freshwater lake. <i>Inland Waters</i> , 2015, 5, 15-26.	1.1	14
35	Flow paths and phosphorus transfer pathways in two agricultural streams with contrasting flow controls. <i>Hydrological Processes</i> , 2015, 29, 3504-3518.	1.1	75
36	Using high-resolution phosphorus data to investigate mitigation measures in headwater river catchments. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 453-464.	1.9	28

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37	Making the Most of Our Land: Managing Soil Functions from Local to Continental Scale. <i>Frontiers in Environmental Science</i> , 2015, 3, .	1.5	69
38	An agricultural drainage channel classification system for phosphorus management. <i>Agriculture, Ecosystems and Environment</i> , 2015, 199, 207-215.	2.5	38
39	Mobilisation or dilution? Nitrate response of karst springs to high rainfall events. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 4423-4435.	1.9	60
40	Do septic tank systems pose a hidden threat to water quality?. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 123-130.	1.9	139
41	Evaluating the critical source area concept of phosphorus loss from soils to water-bodies in agricultural catchments. <i>Science of the Total Environment</i> , 2014, 490, 405-415.	3.9	45
42	Coupling of surface water and groundwater nitrate-N dynamics in two permeable agricultural catchments. <i>Journal of Agricultural Science</i> , 2014, 152, 107-124.	0.6	36
43	Evaluation of a surface hydrological connectivity index in agricultural catchments. <i>Environmental Modelling and Software</i> , 2013, 47, 7-15.	1.9	45
44	A palaeolimnological investigation into nutrient impact and recovery in an agricultural catchment. <i>Journal of Environmental Management</i> , 2013, 124, 147-155.	3.8	8
45	Quantification of Phosphorus Transport from a Karstic Agricultural Watershed to Emerging Spring Water. <i>Environmental Science & Technology</i> , 2013, 47, 6111-6119.	4.6	48
46	Field and Laboratory Tests of Flow-Proportional Passive Samplers for Determining Average Phosphorus and Nitrogen Concentration in Rivers. <i>Environmental Science & Technology</i> , 2013, 47, 2331-2338.	4.6	20
47	Forecasting the decline of excess soil phosphorus in agricultural catchments. <i>Soil Use and Management</i> , 2013, 29, 147-154.	2.6	24
48	Soil moisture deficit as a predictor of the trend in soil water status of grass fields. <i>Soil Use and Management</i> , 2013, 29, 419-431.	2.6	9
49	Use of the ^{15}N gas flux method to measure the source and level of N_2O and N_2 emissions from grazed grassland. <i>Nutrient Cycling in Agroecosystems</i> , 2012, 94, 287-298.	1.1	30
50	The seasonality of phosphorus transfers from land to water: Implications for trophic impacts and policy evaluation. <i>Science of the Total Environment</i> , 2012, 434, 101-109.	3.9	120
51	Delivery and impact bypass in a karst aquifer with high phosphorus source and pathway potential. <i>Water Research</i> , 2012, 46, 2225-2236.	5.3	29
52	Quantifying nutrient transfer pathways in agricultural catchments using high temporal resolution data. <i>Environmental Science and Policy</i> , 2012, 24, 44-57.	2.4	104
53	Stream water quality in intensive cereal cropping catchments with regulated nutrient management. <i>Environmental Science and Policy</i> , 2012, 24, 58-70.	2.4	55
54	Evaluating nutrient source regulations at different scales in five agricultural catchments. <i>Environmental Science and Policy</i> , 2012, 24, 34-43.	2.4	28

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55	Nutrient emissions to water from septic tank systems in rural catchments: Uncertainties and implications for policy. <i>Environmental Science and Policy</i> , 2012, 24, 71-82.	2.4	58
56	Technical Note: Assessing a 24/7 solution for monitoring water quality loads in small river catchments. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 3093-3100.	1.9	46
57	Limitations of instantaneous water quality sampling in surface-water catchments: Comparison with near-continuous phosphorus time-series data. <i>Journal of Hydrology</i> , 2011, 405, 182-193.	2.3	188
58	An evaluation of catchment-scale phosphorus mitigation using load apportionment modelling. <i>Science of the Total Environment</i> , 2011, 409, 2211-2221.	3.9	49
59	Using the nutrient transfer continuum concept to evaluate the European Union Nitrates Directive National Action Programme. <i>Environmental Science and Policy</i> , 2011, 14, 664-674.	2.4	96
60	Time lag: a methodology for the estimation of vertical and horizontal travel and flushing timescales to nitrate threshold concentrations in Irish aquifers. <i>Environmental Science and Policy</i> , 2011, 14, 419-431.	2.4	72
61	Modelling soil phosphorus decline: Expectations of Water Framework Directive policies. <i>Environmental Science and Policy</i> , 2010, 13, 472-484.	2.4	108
62	The Irish Agricultural Catchments Programme: catchment selection using spatial multi-criteria decision analysis. <i>Soil Use and Management</i> , 2010, 26, 225-236.	2.6	60
63	Evaluating the Success of Phosphorus Management from Field to Watershed. <i>Journal of Environmental Quality</i> , 2009, 38, 1981-1988.	1.0	119
64	A comparison of SWAT, HSPF and SHETRAN/GOPC for modelling phosphorus export from three catchments in Ireland. <i>Water Research</i> , 2007, 41, 1065-1073.	5.3	89
65	Defining the sources of low-flow phosphorus transfers in complex catchments. <i>Science of the Total Environment</i> , 2007, 382, 1-13.	3.9	77
66	Phosphorus and sediment transfers in a grassland river catchment. <i>Nutrient Cycling in Agroecosystems</i> , 2007, 77, 199-212.	1.1	34
67	Assessing the ecological status of candidate reference lakes in Ireland using palaeolimnology. <i>Journal of Applied Ecology</i> , 2006, 43, 816-827.	1.9	64
68	Patterns and processes of phosphorus transfer from Irish grassland soils to rivers – integration of laboratory and catchment studies. <i>Journal of Hydrology</i> , 2005, 304, 20-34.	2.3	97
69	Lake sedimentary evidence of phosphorus, iron and manganese mobilisation from intensively fertilised soils. <i>Water Research</i> , 2003, 37, 1426-1432.	5.3	14
70	The 20th century whole-basin trophic history of an inter-drumlin lake in an agricultural catchment. <i>Science of the Total Environment</i> , 2002, 297, 161-173.	3.9	16
71	Modeling Diffuse Phosphorus Loads from Land to Freshwater Using the Sedimentary Record. <i>Environmental Science & Technology</i> , 2001, 35, 815-819.	4.6	26
72	Perspectives on Water Quality Monitoring Approaches for Behavioral Change Research. <i>Frontiers in Water</i> , 0, 4, .	1.0	3