

Richard Grayson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8922366/publications.pdf>

Version: 2024-02-01

24
papers

574
citations

840776

11
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

780
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil carbon sequestration potential of planting hedgerows in agricultural landscapes. <i>Journal of Environmental Management</i> , 2022, 307, 114484.	7.8	14
2	Overriding water table control on managed peatland greenhouse gas emissions. <i>Nature</i> , 2021, 593, 548-552.	27.8	172
3	Soil quality regeneration by grass-clover leys in arable rotations compared to permanent grassland: Effects on wheat yield and resilience to drought and flooding. <i>Soil and Tillage Research</i> , 2021, 212, 105037.	5.6	16
4	Arable fields as potential reservoirs of biodiversity: Earthworm populations increase in new leys. <i>Science of the Total Environment</i> , 2021, 789, 147880.	8.0	12
5	Effect of earthworms on soil physico-hydraulic and chemical properties, herbage production, and wheat growth on arable land converted to ley. <i>Science of the Total Environment</i> , 2020, 713, 136491.	8.0	26
6	Sediment and fluvial particulate carbon flux from an eroding peatland catchment. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2186-2201.	2.5	5
7	Patterns and drivers of peat topographic changes determined from Structureâ€fromâ€Motion photogrammetry at field plot and laboratory scales. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 1274-1294.	2.5	2
8	Waterâ€level dynamics in natural and artificial pools in blanket peatlands. <i>Hydrological Processes</i> , 2018, 32, 550-561.	2.6	11
9	Effects of rainfall, overland flow and their interactions on peatland interrill erosion processes. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 1451-1464.	2.5	24
10	Effects of Needle Ice on Peat Erosion Processes During Overland Flow Events. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 2107-2122.	2.8	8
11	Erosion in peatlands: Recent research progress and future directions. <i>Earth-Science Reviews</i> , 2018, 185, 870-886.	9.1	33
12	The impact of ditch blocking on fluvial carbon export from a <sc>UK</sc> blanket bog. <i>Hydrological Processes</i> , 2018, 32, 2141-2154.	2.6	13
13	The impact of ditch blocking on the hydrological functioning of blanket peatlands. <i>Hydrological Processes</i> , 2017, 31, 525-539.	2.6	25
14	PESERAâ€PEAT: a fluvial erosion model for blanket peatlands. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 2058-2077.	2.5	10
15	Improved automation of dissolved organic carbon sampling for organic-rich surface waters. <i>Science of the Total Environment</i> , 2016, 543, 44-51.	8.0	7
16	Effects of fire on the hydrology, biogeochemistry, and ecology of peatland river systems. <i>Freshwater Science</i> , 2015, 34, 1406-1425.	1.8	45
17	Using water industry data to assess the metaldehyde pollution problem. <i>Water and Environment Journal</i> , 2014, 28, 410-417.	2.2	40
18	A GIS based MCE model for identifying water colour generation potential in UK upland drinking water supply catchments. <i>Journal of Hydrology</i> , 2012, 420-421, 37-45.	5.4	11

#	ARTICLE	IF	CITATIONS
19	The effectiveness of agricultural stewardship for improving water quality at the catchment scale: Experiences from an NVZ and ECSFDI watershed. <i>Journal of Hydrology</i> , 2012, 422-423, 10-16.	5.4	37
20	Continuous measurement of spectrophotometric absorbance in peatland streamwater in northern England: implications for understanding fluvial carbon fluxes. <i>Hydrological Processes</i> , 2012, 26, 27-39.	2.6	42
21	A lake sediment record of Pb mining from Ullswater, English Lake District, UK. <i>Journal of Paleolimnology</i> , 2009, 42, 183-197.	1.6	7
22	The use of GIS and multi-criteria evaluation (MCE) to identify agricultural land management practices which cause surface water pollution in drinking water supply catchments. <i>Water Science and Technology</i> , 2008, 58, 1797-1802.	2.5	10
23	An excess ²²⁶ Ra chronology for deep-sea sediments from Saanich Inlet, British Columbia. <i>Chemical Geology</i> , 2007, 244, 646-663.	3.3	1
24	A low-cost, large-volume general purpose water sampler. <i>Journal of Paleolimnology</i> , 2005, 33, 123-128.	1.6	1