

Alice Robson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6284986/publications.pdf>

Version: 2024-02-01

38
papers

3,649
citations

218592

26
h-index

330025

37
g-index

39
all docs

39
docs citations

39
times ranked

3380
citing authors

#	ARTICLE	IF	CITATIONS
1	Change detection in hydrological records—a review of the methodology / Revue méthodologique de la détection de changements dans les chroniques hydrologiques. Hydrological Sciences Journal, 2004, 49, 7-19.	1.2	488
2	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	1.2	424
3	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	1.2	367
4	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1.	1.4	346
5	The fine structure of water-quality dynamics: the (high-frequency) wave of the future. Hydrological Processes, 2004, 18, 1353-1359.	1.1	332
6	A summary of river water quality data collected within the Land-Ocean Interaction Study: core data for eastern UK rivers draining to the North Sea. Science of the Total Environment, 2000, 251-252, 585-665.	3.9	123
7	Towards identifying sources of subsurface flow: A comparison of components identified by a physically based runoff model and those determined by chemical mixing techniques. Hydrological Processes, 1992, 6, 199-214.	1.1	121
8	Major ion concentrations and the inorganic carbon chemistry of the Humber rivers. Science of the Total Environment, 1997, 194-195, 285-302.	3.9	119
9	Evidence for trends in UK flooding. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2002, 360, 1327-1343.	1.6	109
10	A summary of regional water quality for Eastern UK rivers. Science of the Total Environment, 1997, 194-195, 15-37.	3.9	105
11	Trace element inter-relationships for the Humber rivers: inferences for hydrological and chemical controls. Science of the Total Environment, 1997, 194-195, 321-343.	3.9	103
12	Hydrograph separation using chemical techniques: An application to catchments in Mid-Wales. Journal of Hydrology, 1990, 116, 345-363.	2.3	85
13	The geography of the Humber catchment. Science of the Total Environment, 1997, 194-195, 87-99.	3.9	84
14	Spatial variations in throughfall chemistry at the small plot scale. Journal of Hydrology, 1994, 158, 107-122.	2.3	62
15	Relationships between precipitation, stemflow and throughfall for a lowland beech plantation, Black Wood, Hampshire, southern England: findings on interception at a forest edge and the effects of storm damage. Journal of Hydrology, 1993, 146, 221-233.	2.3	61
16	Acid neutralization capacity variations for the Hafren forest stream, mid-Wales: Inferences for hydrological processes. Journal of Hydrology, 1990, 121, 85-101.	2.3	58
17	Regional water quality of the river Tweed. Science of the Total Environment, 1997, 194-195, 173-192.	3.9	52
18	Trace element concentrations in the major rivers entering the Humber estuary, NE England. Journal of Hydrology, 1996, 182, 37-64.	2.3	51

#	ARTICLE	IF	CITATIONS
19	Major, minor, trace element and suspended sediment variations in the River Tweed: results from the LOIS core monitoring programme. <i>Science of the Total Environment</i> , 1997, 194-195, 193-205.	3.9	50
20	Water quality trends at an upland site in wales, UK, 1983-1993. <i>Hydrological Processes</i> , 1996, 10, 183-203.	1.1	44
21	Evidence for long-term deterioration of streamwater chemistry and soil acidification at the Birkenes catchment, southern Norway. <i>Journal of Hydrology</i> , 1990, 116, 63-76.	2.3	43
22	Prediction of future short-term stream chemistry - a modelling approach. <i>Journal of Hydrology</i> , 1992, 130, 87-103.	2.3	35
23	Modelling the hydrology of submediterranean montane catchments (Mont-Lozère, France) using TOPMODEL: initial results. <i>Journal of Hydrology</i> , 1992, 139, 1-14.	2.3	34
24	Dissolved organic carbon for upland acidic and acid sensitive catchments in mid-Wales. <i>Journal of Hydrology</i> , 2005, 304, 203-220.	2.3	34
25	Towards predicting future episodic changes in stream chemistry. <i>Journal of Hydrology</i> , 1991, 125, 161-174.	2.3	29
26	Acid neutralisation capacity measurements within natural waters: towards a standardised approach. <i>Science of the Total Environment</i> , 1999, 243-244, 233-241.	3.9	28
27	The impact of conifer harvesting on stream water pH, alkalinity and aluminium concentrations for the British uplands: an example for an acidic and acid sensitive catchment in mid-Wales. <i>Science of the Total Environment</i> , 1992, 126, 75-87.	3.9	25
28	Hydrological impacts of hardwood plantation in lowland Britain: preliminary findings on interception at a forest edge, Black Wood, Hampshire, southern England. <i>Journal of Hydrology</i> , 1991, 127, 349-365.	2.3	24
29	Linking variations in short- and medium-term stream chemistry to rainfall inputs - some observations at Plynlimon, Mid-Wales. <i>Journal of Hydrology</i> , 1993, 144, 291-310.	2.3	24
30	Major, minor, trace element and suspended sediment variations in the River Derwent. <i>Science of the Total Environment</i> , 1998, 210-211, 163-172.	3.9	24
31	An application of a physically based semi-distributed model to the Balquhiddy catchments. <i>Journal of Hydrology</i> , 1993, 145, 357-370.	2.3	19
32	Interception of chemicals at a forest edge for a rural low-lying site at Black Wood, Hampshire, Southern England. <i>Science of the Total Environment</i> , 1994, 142, 127-141.	3.9	18
33	Short-term variations in rain and stream water conductivity at a forested site in mid-Wales - implications for water movement. <i>Science of the Total Environment</i> , 1992, 119, 1-18.	3.9	13
34	Integrating soil water chemistry variations at the catchment level within a cation exchange model. <i>Science of the Total Environment</i> , 1994, 144, 93-102.	3.9	8
35	A method for predicting the extremes of stream acidity and other water quality variables. <i>Journal of Hydrology</i> , 1990, 116, 375-390.	2.3	7
36	Modelling the long-term changes in stream, soil and ground water chemistry for an acid moorland in the Welsh uplands: the influence of variations in chemical weathering. <i>Science of the Total Environment</i> , 1996, 180, 187-200.	3.9	7

#	ARTICLE	IF	CITATIONS
37	Integrating variations of soil-adsorbed cations into a cation exchange model. Science of the Total Environment, 1997, 199, 277-292.	3.9	4
38	Understanding the national performance of flood forecasting models to guide incident management and investment. E3S Web of Conferences, 2016, 7, 18007.	0.2	0