Susanne Charlesworth

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Seasonal occurrence, source apportionment, and cancer risk assessment of PAHs in the second largest international holy metropolitan: Mashhad, Iran. Environmental Science and Pollution Research, 2022, 29, 13279-13291.	5.3	2
2	The Potential to Address Disease Vectors in Favelas in Brazil Using Sustainable Drainage Systems: Zika, Drainage and Greywater Management. International Journal of Environmental Research and Public Health, 2022, 19, 2860.	2.6	5
3	Sustainable Catchment-Wide Flood Management: A Review of the Terminology and Application of Sustainable Catchment Flood Management Techniques in the UK. Water (Switzerland), 2022, 14, 1204.	2.7	6
4	The Design, Construction and Maintenance of a SuDS management Train to Address Surface water Flows by Engaging the Community: Gawilan Refugee Camp, Ninewah Governate, Kurdistan Region of Iraq. Journal of Refugee Studies, 2021, 34, 3494-3510.	1.7	2
5	State of a sustainable drainage system at end-of-life: assessment of potential water pollution by leached metals from recycled pervious pavement materials when used as secondary aggregate. Environmental Science and Pollution Research, 2020, 27, 4630-4639.	5.3	5
6	Modelling the Role of SuDS Management Trains in Minimising Flood Risk, Using MicroDrainage. Water (Switzerland), 2020, 12, 2559.	2.7	8
7	Making Way for Trees? Changes in Land-Use, Habitats and Protected Areas in Great Britain under "Global Tree Restoration Potential― Sustainability, 2020, 12, 5845.	3.2	4
8	Sustainable drainage, green and blue infrastructure in urban areas. , 2020, , 185-206.		2
9	SuDS & Sponge Cities: A Comparative Analysis of the Implementation of Pluvial Flood Management in the UK and China. Sustainability, 2019, 11, 213.	3.2	76
10	A simulation-optimization methodology to model urban catchments under non-stationary extreme rainfall events. Environmental Modelling and Software, 2019, 122, 103960.	4.5	17
11	Opportunity mapping of natural flood management measures: a case study from the headwaters of the Warwickshire-Avon. Environmental Science and Pollution Research, 2018, 25, 19313-19322.	5.3	12
12	Development of a Geospatial Data-Based Methodology for Stormwater Management in Urban Areas Using Freely-Available Software. International Journal of Environmental Research and Public Health, 2018, 15, 1703.	2.6	8
13	Exploring the effects of geotextiles in the performance of highway filter drains. Geotextiles and Geomembranes, 2018, 46, 559-565.	4.6	12
14	Mineralogical and environmental features of the asturian copper mining district (Spain): A review. Engineering Geology, 2018, 243, 206-217.	6.3	15
15	Renewable energy combined with sustainable drainage: Ground source heat and pervious paving. Renewable and Sustainable Energy Reviews, 2017, 68, 912-919.	16.4	27
16	Prediction of Evapotranspiration in a Mediterranean Region Using Basic Meteorological Variables. Journal of Hydrologic Engineering - ASCE, 2017, 22, .	1.9	9
17	The Fate of Pollutants in Porous Asphalt Pavements, Laboratory Experiments to Investigate Their Potential to Impact Environmental Health. International Journal of Environmental Research and Public Health, 2017, 14, 666.	2.6	12
18	Coupling GIS with Stormwater Modelling for the Location Prioritization and Hydrological Simulation of Permeable Pavements in Urban Catchments. Water (Switzerland), 2016, 8, 451.	2.7	29

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19	Rainfall–Runoff Simulations to Assess the Potential of SuDS for Mitigating Flooding in Highly Urbanized Catchments. International Journal of Environmental Research and Public Health, 2016, 13, 149.	2.6	40
20	Decision-Making and Sustainable Drainage: Design and Scale. Sustainability, 2016, 8, 782.	3.2	16
21	Stormwater harvesting from landscaped areas: effect of herbicide application on water quality and usage. Environmental Science and Pollution Research, 2016, 23, 15970-15982.	5.3	5
22	An evaluation of the use of individual grass species in retaining polluted soil and dust particulates in vegetated sustainable drainage devices. Environmental Geochemistry and Health, 2016, 38, 973-985.	3.4	6
23	Spatial and temporal variations of trace element distribution in soils and street dust of an industrial town in NW Spain: 15years of study. Science of the Total Environment, 2015, 524-525, 93-103.	8.0	53
24	Water quality and quantity assessment of pervious pavements performance in experimental car park areas. Water Science and Technology, 2014, 69, 1526-1533.	2.5	44
25	Multiple benefits from surface water management- SUDS. Clean - Soil, Air, Water, 2014, 42, 109-110.	1.1	1
26	Utilization of Glyphosate ontaining Herbicides on Pervious Paving Systems: Laboratoryâ€Based Experiments to Determine Impacts on Effluent Water Quality. Clean - Soil, Air, Water, 2014, 42, 133-138.	1.1	1
27	Deconstructing the Sustainable Drainage Management Train in Terms of Water Quantity – Preliminary Results for Coventry, UK. Clean - Soil, Air, Water, 2014, 42, 187-192.	1.1	10
28	Books also available from Wiley-Blackwell. , 2014, , 422-422.		0
29	Wastewater Treatment Infrastructure and Design. , 2014, , 350-370.		1
30	Urban Water Economics. , 2014, , 33-43.		0
31	Sustainable Drainage Systems - Features and Designs. , 2014, , 281-301.		Ο
32	Water Neutrality - An Overview. , 2014, , 121-134.		0
33	Potential microbial toxicity and non-target impact of different concentrations of glyphosate-containing herbicide (GCH) in a model pervious paving system. Chemosphere, 2014, 100, 34-41.	8.2	10
34	Laboratory-based experiments to investigate the impact of glyphosate-containing herbicide on pollution attenuation and biodegradation in a model pervious paving system. Chemosphere, 2013, 90, 737-746.	8.2	27
35	Editorial: water efficiency and management. Journal of Water Supply: Research and Technology - AQUA, 2013, 62, 493-495.	1.4	1
36	The sustainable management of surface water at the building scale: preliminary results of case studies in the UK and Spain. Journal of Water Supply: Research and Technology - AQUA, 2013, 62, 534-544.	1.4	17

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37	Design and Validation of a Test Rig to Simulate High Rainfall Events for Infiltration Studies of Permeable Pavement Systems. Journal of Irrigation and Drainage Engineering - ASCE, 2012, 138, 553-557.	1.0	3
38	Research finds that kitchen and garden waste could be ideal for making Suds. Proceedings of the Institution of Civil Engineers: Civil Engineering, 2012, 165, 101-101.	0.3	0
39	The relationship between soil geochemistry and the bioaccessibility of trace elements in playground soil. Environmental Geochemistry and Health, 2012, 34, 677-687.	3.4	36
40	Sustainable drainage devices for carbon mitigation. Management of Environmental Quality, 2012, 24, 123-136.	4.3	4
41	Laboratory based experiments to assess the use of green and food based compost to improve water quality in a Sustainable Drainage (SUDS) device such as a swale. Science of the Total Environment, 2012, 424, 337-343.	8.0	18
42	Risk assessment of soils contaminated by mercury mining, Northern Spain. Journal of Environmental Monitoring, 2011, 13, 128-136.	2.1	75
43	A review of the distribution of particulate trace elements in urban terrestrial environments and its application to considerations of risk. Environmental Geochemistry and Health, 2011, 33, 103-123.	3.4	232
44	A review of the adaptation and mitigation of global climate change using sustainable drainage in cities. Journal of Water and Climate Change, 2010, 1, 165-180.	2.9	121
45	Introduction: The sedimentology of aqueous systems. , 2010, , 1-2.		0
46	Urban sediment particle size and pollutants in Southern Brazil. Journal of Soils and Sediments, 2009, 9, 317-327.	3.0	31
47	Risk-based evaluation of the exposure of children to trace elements in playgrounds in Madrid (Spain). Chemosphere, 2007, 66, 505-513.	8.2	487
48	Aleppo Pine Bark as a Biomonitor of Atmospheric Pollution in the Arid Environment of Jordan. Clean - Soil, Air, Water, 2007, 35, 438-443.	1.1	18
49	Monitoring the atmospheric deposition of particulate-associated urban contaminants, Coventry, UK. Alliance for Global Sustainability Bookseries, 2007, , 155-165.	0.2	3
50	Geochemical fingerprints and controls in the sediments of an urban river: River Manzanares, Madrid (Spain). Science of the Total Environment, 2005, 340, 137-148.	8.0	48
51	Gamma-emitting radionuclides and metallic elements in urban dusts and sediments, Coventry, UK: implications of dosages for dispersal and disposal. Mineralogical Magazine, 2005, 69, 759-767.	1.4	11
52	Influence of industry on the geochemical urban environment of Mieres (Spain) and associated health risk. Environmental Geochemistry and Health, 2003, 25, 307-323.	3.4	45
53	Distribution of Heavy Metals in the Street Dusts and Soils of an Industrial City in Northern Spain. Archives of Environmental Contamination and Toxicology, 2003, 44, 160-170.	4.1	185
54	Sediment sources and transport pathways in a rural catchment, Herefordshire, UK. Hydrological Processes, 2003, 17, 2665-2681.	2.6	114

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55	A comparative study of heavy metal concentration and distribution in deposited street dusts in a large and a small urban area: Birmingham and Coventry, West Midlands, UK. Environment International, 2003, 29, 563-573.	10.0	416
56	Floodplain lakes as sinks for sediment-associated contaminants — a new source of proxy hydrological data?. Science of the Total Environment, 2001, 266, 187-194.	8.0	22
57	The application of some mineral magnetic measurements and heavy metal analysis for characterising fine sediments in an urban catchment, Coventry, UK. Journal of Applied Geophysics, 2001, 48, 113-125.	2.1	27
58	The distribution of heavy metals in deposited urban dusts and sediments, Coventry, England. Environmental Geochemistry and Health, 1999, 21, 97-115.	3.4	63
59	Sediment budgets and metal fluxes in two contrasting urban lake catchments in Coventry, UK. Applied Geography, 1999, 19, 199-210.	3.7	12
60	Particulate-associated heavy metals in the urban environment: Their transport from source to deposit, Coventry, UK. Chemosphere, 1999, 39, 833-848.	8.2	50
61	The transport of particulate-associated heavy metals from source to deposit in the urban environment, Coventry, UK. Science of the Total Environment, 1999, 235, 351-353.	8.0	8
62	Heavy metals in the hydrological cycle: Trends and explanation. Hydrological Processes, 1996, 10, 227-261.	2.6	217
63	â€~Water and environmental systems': achieving studentâ€centred learning objectives with an undergraduate journal. Journal of Geography in Higher Education, 1996, 20, 45-54.	2.6	13
64	A comparative study of heavy metal contamination and pollution in four reservoirs in the English Midlands, UK. Hydrobiologia, 1991, 214, 155-162.	2.0	14
65	Paired lake catchment studies: a framework for investigating chemical fluxes in small drainage basins. Applied Geography, 1987, 7, 115-133.	3.7	19