

Neil A Coles

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

840
citations

567281

15
h-index

552781

26
g-index

32
all docs

32
docs citations

32
times ranked

1360
citing authors

#	ARTICLE	IF	CITATIONS
1	Radical changes are needed for transformations to a good Anthropocene. <i>Npj Urban Sustainability</i> , 2021, 1, .	8.0	102
2	The influence of particle size and mineralogy on both phosphorus retention and release by streambed sediments. <i>Journal of Soils and Sediments</i> , 2019, 19, 2624-2633.	3.0	6
3	Ecoservices and multifunctional landscapes: Balancing the benefits of integrated ES-based water resources, agricultural and forestry production systems. <i>Ecohydrology and Hydrobiology</i> , 2018, 18, 262-268.	2.3	7
4	Using an Adaptive Environmental Management Framework to Regulate the Unconventional Gas Industry: Queensland a Case Study. , 2018, 4, .		0
5	Definition of Drought. , 2017, , 1-11.		3
6	Water management capacity building to support rapidly developing mining economies. <i>Water Policy</i> , 2015, 17, 1191-1208.	1.5	7
7	A Water Yield-Oriented Practical Approach for Multifunctional Forest Management and its Application in Dryland Regions of China. <i>Journal of the American Water Resources Association</i> , 2015, 51, 689-703.	2.4	22
8	Simulation of Runoff Changes Caused by Cropland to Forest Conversion in the Upper Yangtze River Region, SW China. <i>PLoS ONE</i> , 2015, 10, e0132395.	2.5	18
9	Soil carbon mineralization following biochar addition associated with external nitrogen. <i>Chilean Journal of Agricultural Research</i> , 2015, 75, 465-471.	1.1	7
10	Water Industry (Law) Reforms: The adoption of Australian Drinking Water Guidelines in Western Australia-from Targets to Aspirations. <i>New Water Policy and Practice</i> , 2015, 1, .	0.2	0
11	Effects of biochar on the acidity of a loamy clay soil under different incubation conditions. <i>Journal of Soils and Sediments</i> , 2015, 15, 1919-1926.	3.0	21
12	Status of heavy metals in soils following long-term river sediment application in plain river network region, southern China. <i>Journal of Soils and Sediments</i> , 2015, 15, 2285-2292.	3.0	14
13	How could sensor networks help with agricultural water management issues? Optimizing irrigation scheduling through networked soil-moisture sensors. , 2015, , .		9
14	Effects of aged and fresh biochars on soil acidity under different incubation conditions. <i>Soil and Tillage Research</i> , 2015, 146, 133-138.	5.6	79
15	Carbon mineralization following additions of fresh and aged biochar to an infertile soil. <i>Catena</i> , 2015, 125, 183-189.	5.0	46
16	A constant head well permeameter formula comparison: its significance in the estimation of field-saturated hydraulic conductivity in heterogeneous shallow soils. <i>Hydrology Research</i> , 2014, 45, 788-805.	2.7	11
17	Effect of Long-Term Reclamation on Soil Properties on a Coastal Plain, Southeast China. <i>Journal of Coastal Research</i> , 2014, 296, 661-669.	0.3	18
18	The effects of sustained forest use on hillslope soil hydraulic conductivity in the Middle Mountains of Central Nepal. <i>Ecohydrology</i> , 2014, 7, 478-495.	2.4	50

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19	Spatial variability of heavy metals in the coastal soils under long-term reclamation. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 151, 310-317.	2.1	23
20	The impact of agricultural activities on water quality: A case for collaborative catchment-scale management using integrated wireless sensor networks. <i>Computers and Electronics in Agriculture</i> , 2013, 96, 126-138.	7.7	103
21	Transitional responses of vegetation activities to temperature variations: Insights obtained from a forested catchment in Korea. <i>Journal of Hydrology</i> , 2013, 484, 86-95.	5.4	6
22	Reforestation severely degraded grassland in the Lesser Himalaya of Nepal: Effects on soil hydraulic conductivity and overland flow production. <i>Journal of Geophysical Research F: Earth Surface</i> , 2013, 118, 2528-2545.	2.8	45
23	Evaluating DEM source and resolution uncertainties in the Soil and Water Assessment Tool. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013, 27, 209-221.	4.0	83
24	An artificial catchment rainfall-runoff collecting system: Design efficiency and reliability potential considering climate change in Western Australia. <i>Agricultural Water Management</i> , 2013, 121, 124-134.	5.6	6
25	Soil characteristics and landcover relationships on soil hydraulic conductivity at a hillslope scale: A view towards local flood management. <i>Journal of Hydrology</i> , 2013, 497, 208-222.	5.4	79
26	The influence of antecedent soil moisture conditions on the rainfall-runoff threshold value of a roaded catchment used for water harvesting. <i>Water Science and Technology: Water Supply</i> , 2013, 13, 1202-1208.	2.1	1
27	Water, energy and food security. , 2012, , .		6
28	Screen-Printed Potentiometric Sensors for Chloride Measurement in Soils. <i>Procedia Engineering</i> , 2012, 47, 1157-1160.	1.2	5
29	MODELLING RUNOFF GENERATION ON SMALL AGRICULTURAL CATCHMENTS: CAN REAL WORLD RUNOFF RESPONSES BE CAPTURED?. <i>Hydrological Processes</i> , 1997, 11, 111-136.	2.6	24
30	A comparison of soil survey methods in relation to catchment hydrology. <i>Soil Research</i> , 1997, 35, 1379.	1.1	4
31	Similarity analysis of runoff generation processes in real-world catchments. <i>Water Resources Research</i> , 1994, 30, 1641-1652.	4.2	30
32	The African Water Vision 2025: its influence on water governance in the development of Africa's water sector, with an emphasis on rural communities in Kenya: a review. <i>Water Policy</i> , 0, , .	1.5	5