Neil A Coles

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7319047/publications.pdf

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32	840	567281 15	552781 26
papers	citations	h-index	g-index

32	32	32	1360
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The impact of agricultural activities on water quality: A case for collaborative catchment-scale management using integrated wireless sensor networks. Computers and Electronics in Agriculture, 2013, 96, 126-138.	7.7	103
2	Radical changes are needed for transformations to a good Anthropocene. Npj Urban Sustainability, 2021, 1, .	8.0	102
3	Evaluating DEM source and resolution uncertainties in the Soil and Water Assessment Tool. Stochastic Environmental Research and Risk Assessment, 2013, 27, 209-221.	4.0	83
4	Soil characteristics and landcover relationships on soil hydraulic conductivity at a hillslope scale: A view towards local flood management. Journal of Hydrology, 2013, 497, 208-222.	5.4	79
5	Effects of aged and fresh biochars on soil acidity under different incubation conditions. Soil and Tillage Research, 2015, 146, 133-138.	5.6	79
6	The effects of sustained forest use on hillslope soil hydraulic conductivity in the Middle Mountains of Central Nepal. Ecohydrology, 2014, 7, 478-495.	2.4	50
7	Carbon mineralization following additions of fresh and aged biochar to an infertile soil. Catena, 2015, 125, 183-189.	5.0	46
8	Reforesting severely degraded grassland in the Lesser Himalaya of Nepal: Effects on soil hydraulic conductivity and overland flow production. Journal of Geophysical Research F: Earth Surface, 2013, 118, 2528-2545.	2.8	45
9	Similarity analysis of runoff generation processes in real-world catchments. Water Resources Research, 1994, 30, 1641-1652.	4.2	30
10	MODELLING RUNOFF GENERATION ON SMALL AGRICULTURAL CATCHMENTS: CAN REAL WORLD RUNOFF RESPONSES BE CAPTURED?. Hydrological Processes, 1997, 11, 111-136.	2.6	24
11	Spatial variability of heavy metals in the coastal soils under long-term reclamation. Estuarine, Coastal and Shelf Science, 2014, 151, 310-317.	2.1	23
12	A Water Yieldâ€Oriented Practical Approach for Multifunctional Forest Management and its Application in Dryland Regions of China. Journal of the American Water Resources Association, 2015, 51, 689-703.	2.4	22
13	Effects of biochar on the acidity of a loamy clay soil under different incubation conditions. Journal of Soils and Sediments, 2015, 15, 1919-1926.	3.0	21
14	Effect of Long-Term Reclamation on Soil Properties on a Coastal Plain, Southeast China. Journal of Coastal Research, 2014, 296, 661-669.	0.3	18
15	Simulation of Runoff Changes Caused by Cropland to Forest Conversion in the Upper Yangtze River Region, SW China. PLoS ONE, 2015, 10, e0132395.	2.5	18
16	Status of heavy metals in soils following long-term river sediment application in plain river network region, southern China. Journal of Soils and Sediments, 2015, 15, 2285-2292.	3.0	14
17	A constant head well permeameter formula comparison: its significance in the estimation of field-saturated hydraulic conductivity in heterogeneous shallow soils. Hydrology Research, 2014, 45, 788-805.	2.7	11
18	How could sensor networks help with agricultural water management issues? Optimizing irrigation scheduling through networked soil-moisture sensors. , 2015, , .		9

#	Article	IF	Citations
19	Water management capacity building to support rapidly developing mining economies. Water Policy, 2015, 17, 1191-1208.	1.5	7
20	Soil carbon mineralization following biochar addition associated with external nitrogen. Chilean Journal of Agricultural Research, 2015, 75, 465-471.	1.1	7
21	Ecoservices and multifunctional landscapes: Balancing the benefits of integrated ES-based water resources, agricultural and forestry production systems. Ecohydrology and Hydrobiology, 2018, 18, 262-268.	2.3	7
22	Water, energy and food security. , 2012, , .		6
23	Transitional responses of vegetation activities to temperature variations: Insights obtained from a forested catchment in Korea. Journal of Hydrology, 2013, 484, 86-95.	5.4	6
24	An artificial catchment rainfall-runoff collecting system: Design efficiency and reliability potential considering climate change in Western Australia. Agricultural Water Management, 2013, 121, 124-134.	5.6	6
25	The influence of particle size and mineralogy on both phosphorus retention and release by streambed sediments. Journal of Soils and Sediments, 2019, 19, 2624-2633.	3.0	6
26	Screen-Printed Potentiometric Sensors for Chloride Measurement in Soils. Procedia Engineering, 2012, 47, 1157-1160.	1.2	5
27	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. Water Policy, 0, , .	1.5	5
28	A comparison of soil survey methods in relation to catchment hydrology. Soil Research, 1997, 35, 1379.	1.1	4
29	Definition of Drought. , 2017, , 1-11.		3
30	The influence of antecedent soil moisture conditions on the rainfallâ€“runoff threshold value of a roaded catchment used for water harvesting. Water Science and Technology: Water Supply, 2013, 13, 1202-1208.	2.1	1
31	Water Industry (Law) Reforms: The adoption of Australian Drinking Water Guidelines in Western Australia-from Targets to Aspirations. New Water Policy and Practice, 2015, 1, .	0.2	0
32	Using an Adaptive Environmental Management Framework to Regulate the Unconventional Gas Industry: Queensland a Case Study. , 2018, 4, .		0