Andrew M Tye

List of Publications by Year
in descending order

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28 papers	967 citations	567281 15 h-index	526287 27 g-index
28 all docs	28 docs citations	28 times ranked	1350 citing authors

#	Article	IF	Citations
1	Assessing potential risk of heavy metal exposure from consumption of home-produced vegetables by urban populations.. Environmental Health Perspectives, 2004, 112, 215-221.	6.0	291
2	Predicting the activity of Cd2+ and Zn2+ in soil pore water from the radio-labile metal fraction. Geochimica Et Cosmochimica Acta, 2003, 67, 375-385.	3.9	127
3	Evaluating a â€˜Free Ion Activity Modelâ€™ applied to metal uptake by Lolium perenne L. grown in contaminated soils.. Plant and Soil, 2005, 270, 1-12.	3.7	73
4	Speciation and solubility of Cu, Ni and Pb in contaminated soils. European Journal of Soil Science, 2004, 55, 579-590.	3.9	57
5	Soilâ€“plant interactions and the uptake of Pb at abandoned mining sites in the Rookhope catchment of the N. Pennines, UK â€“ A Pb isotope study. Science of the Total Environment, 2012, 433, 547-560.	8.0	53
6	Fractionation of lead in soil by isotopic dilution and sequential extraction. Environmental Chemistry, 2011, 8, 493.	1.5	44
7	Review: mine tailings in an African tropical environmentâ€”mechanisms for the bioavailability of heavy metals in soils. Environmental Geochemistry and Health, 2020, 42, 1069-1094.	3.4	36
8	Solving a conundrum of a steady-state hilltop with variable soil depths and production rates, Bodmin Moor, UK. Geomorphology, 2011, 128, 73-84.	2.6	34
9	Sources, lability and solubility of Pb in alluvial soils of the River Trent catchment, U.K.. Science of the Total Environment, 2012, 433, 110-122.	8.0	32
10	Microscopic and chemical studies of metal particulates in tree bark and attic dust: evidence for historical atmospheric smelter emissions, Humberside, UK. Journal of Environmental Monitoring, 2006, 8, 904.	2.1	31
11	Characterising changes in fluorescence properties of dissolved organic matter and links to N cycling in agricultural floodplains. Agriculture, Ecosystems and Environment, 2016, 221, 245-257.	5.3	26
12	Using integrated nearâ€surface geophysical surveys to aid mapping and interpretation of geology in an alluvial landscape within a 3D soilâ€geology framework. Near Surface Geophysics, 2011, 9, 15-31.	1.2	23
13	Arable soil formation and erosion: a hillslope-based cosmogenic nuclide study in the United Kingdom. Soil, 2019, 5, 253-263.	4.9	22
14	Lability, solubility and speciation of Cd, Pb and Zn in alluvial soils of the River Trent catchment UK. Environmental Sciences: Processes and Impacts, 2013, 15, 1844.	3.5	21
15	Responses of soil clay mineralogy in the Rothamsted Classical Experiments in relation to management practice and changing land use. Geoderma, 2009, 153, 136-146.	5.1	19
16	Gradual and anthropogenic soil change for fertility and carbon on marginal sandy soils. Geoderma, 2013, 207-208, 35-48.	5.1	13
17	Measuring reactive pools of Cd, Pb and Zn in coal fly ash from the UK using isotopic dilution assays. Applied Geochemistry, 2013, 33, 41-49.	3.0	11
18	Understanding the controls on sediment-P interactions and dynamics along a non-tidal river system in a ruralâ€“urban catchment: The River Nene. Applied Geochemistry, 2016, 66, 219-233.	3.0	11

#	Article	IF	Citations
19	Do soil amendments used to improve agricultural productivity have consequences for soils contaminated with heavy metals?. Heliyon, 2020, 6, e05502.	3.2	11
20	The spatial variation of weathering and soil depth across a Triassic sandstone outcrop. Earth Surface Processes and Landforms, 2011, 36, 569-581.	2.5	10
21	Distribution and speciation of phosphorus in foreshore sediments of the Thames estuary, UK. Marine Pollution Bulletin, 2018, 127, 182-197.	5.0	9
22	The role of periâ€glacial active layer development in determining soilâ€regolith thickness across a Triassic sandstone outcrop in the UK. Earth Surface Processes and Landforms, 2012, 37, 971-983.	2.5	5
23	How the composition of sandstone matrices affects rates of soil formation. Geoderma, 2021, 401, 115337.	5.1	3
24	Crop uptake of heavy metals in response to the environment and agronomic practices on land near mine tailings in the Zambian Copperbelt Province. Environmental Geochemistry and Health, 2021, 43, 3699-3713.	3.4	2
25	Using 206/207Pb isotope ratios to estimate phosphorus sources in historical sediments of a lowland river system. Journal of Soils and Sediments, 2021, 21, 613-626.	3.0	1
26	On pedagogy of a Soil Science Centre for Doctoral Training. European Journal of Soil Science, 2021, 72, 2320-2329.	3.9	1
27	The role of post UK-LGM erosion processes in the long-term storage of buried organic C across Great Britain â€“ A â€˜first order' assessment. Earth-Science Reviews, 2022, 232, 104126.	9.1	1
28	The generation of soil over sandstones in a periglacial environment. Applied Geochemistry, 2011, 26, S139-S141.	3.0	0