

Andrew M Tye

List of Publications by Year in descending order

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Version: 2024-02-01

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	The role of post UK-LGM erosion processes in the long-term storage of buried organic C across Great Britain – A ‘first order’ assessment. <i>Earth-Science Reviews</i> , 2022, 232, 104126.	9.1	1
2	Using ²⁰⁶ / ²⁰⁷ Pb isotope ratios to estimate phosphorus sources in historical sediments of a lowland river system. <i>Journal of Soils and Sediments</i> , 2021, 21, 613-626.	3.0	1
3	Crop uptake of heavy metals in response to the environment and agronomic practices on land near mine tailings in the Zambian Copperbelt Province. <i>Environmental Geochemistry and Health</i> , 2021, 43, 3699-3713.	3.4	2
4	How the composition of sandstone matrices affects rates of soil formation. <i>Geoderma</i> , 2021, 401, 115337.	5.1	3
5	On pedagogy of a Soil Science Centre for Doctoral Training. <i>European Journal of Soil Science</i> , 2021, 72, 2320-2329.	3.9	1
6	Review: mine tailings in an African tropical environment – mechanisms for the bioavailability of heavy metals in soils. <i>Environmental Geochemistry and Health</i> , 2020, 42, 1069-1094.	3.4	36
7	Do soil amendments used to improve agricultural productivity have consequences for soils contaminated with heavy metals?. <i>Heliyon</i> , 2020, 6, e05502.	3.2	11
8	Arable soil formation and erosion: a hillslope-based cosmogenic nuclide study in the United Kingdom. <i>Soil</i> , 2019, 5, 253-263.	4.9	22
9	Distribution and speciation of phosphorus in foreshore sediments of the Thames estuary, UK. <i>Marine Pollution Bulletin</i> , 2018, 127, 182-197.	5.0	9
10	Characterising changes in fluorescence properties of dissolved organic matter and links to N cycling in agricultural floodplains. <i>Agriculture, Ecosystems and Environment</i> , 2016, 221, 245-257.	5.3	26
11	Understanding the controls on sediment-P interactions and dynamics along a non-tidal river system in a rural – urban catchment: The River Nene. <i>Applied Geochemistry</i> , 2016, 66, 219-233.	3.0	11
12	Lability, solubility and speciation of Cd, Pb and Zn in alluvial soils of the River Trent catchment UK. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1844.	3.5	21
13	Gradual and anthropogenic soil change for fertility and carbon on marginal sandy soils. <i>Geoderma</i> , 2013, 207-208, 35-48.	5.1	13
14	Measuring reactive pools of Cd, Pb and Zn in coal fly ash from the UK using isotopic dilution assays. <i>Applied Geochemistry</i> , 2013, 33, 41-49.	3.0	11
15	Soil – plant interactions and the uptake of Pb at abandoned mining sites in the Rookhope catchment of the N. Pennines, UK – A Pb isotope study. <i>Science of the Total Environment</i> , 2012, 433, 547-560.	8.0	53
16	The role of periglacial active layer development in determining soil – regolith thickness across a Triassic sandstone outcrop in the UK. <i>Earth Surface Processes and Landforms</i> , 2012, 37, 971-983.	2.5	5
17	Sources, lability and solubility of Pb in alluvial soils of the River Trent catchment, U.K.. <i>Science of the Total Environment</i> , 2012, 433, 110-122.	8.0	32
18	The generation of soil over sandstones in a periglacial environment. <i>Applied Geochemistry</i> , 2011, 26, S139-S141.	3.0	0

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19	Solving a conundrum of a steady-state hilltop with variable soil depths and production rates, Bodmin Moor, UK. <i>Geomorphology</i> , 2011, 128, 73-84.	2.6	34
20	Using integrated near-surface geophysical surveys to aid mapping and interpretation of geology in an alluvial landscape within a 3D soil-geology framework. <i>Near Surface Geophysics</i> , 2011, 9, 15-31.	1.2	23
21	Fractionation of lead in soil by isotopic dilution and sequential extraction. <i>Environmental Chemistry</i> , 2011, 8, 493.	1.5	44
22	The spatial variation of weathering and soil depth across a Triassic sandstone outcrop. <i>Earth Surface Processes and Landforms</i> , 2011, 36, 569-581.	2.5	10
23	Responses of soil clay mineralogy in the Rothamsted Classical Experiments in relation to management practice and changing land use. <i>Geoderma</i> , 2009, 153, 136-146.	5.1	19
24	Microscopic and chemical studies of metal particulates in tree bark and attic dust: evidence for historical atmospheric smelter emissions, Humberside, UK. <i>Journal of Environmental Monitoring</i> , 2006, 8, 904.	2.1	31
25	Evaluating a "Free Ion Activity Model"™ applied to metal uptake by <i>Lolium perenne</i> L. grown in contaminated soils.. <i>Plant and Soil</i> , 2005, 270, 1-12.	3.7	73
26	Assessing potential risk of heavy metal exposure from consumption of home-produced vegetables by urban populations.. <i>Environmental Health Perspectives</i> , 2004, 112, 215-221.	6.0	291
27	Speciation and solubility of Cu, Ni and Pb in contaminated soils. <i>European Journal of Soil Science</i> , 2004, 55, 579-590.	3.9	57
28	Predicting the activity of Cd ²⁺ and Zn ²⁺ in soil pore water from the radio-labile metal fraction. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 375-385.	3.9	127