

David Taylor

List of Publications by Year in descending order

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71
papers

3,979
citations

159585

30
h-index

123424

61
g-index

71
all docs

71
docs citations

71
times ranked

5817
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing carbon storage in intact African tropical forests. <i>Nature</i> , 2009, 457, 1003-1006.	27.8	816
2	Palaeoenvironments of insular Southeast Asia during the Last Glacial Period: a savanna corridor in Sundaland?. <i>Quaternary Science Reviews</i> , 2005, 24, 2228-2242.	3.0	462
3	Above-ground biomass and structure of 260 African tropical forests. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120295.	4.0	264
4	Long-term thermal sensitivity of Earth's tropical forests. <i>Science</i> , 2020, 368, 869-874.	12.6	198
5	Africa's earliest bananas?. <i>Journal of Archaeological Science</i> , 2006, 33, 102-113.	2.4	135
6	Use of Ancient Sedimentary DNA as a Novel Conservation Tool for High-Altitude Tropical Biodiversity. <i>Conservation Biology</i> , 2014, 28, 446-455.	4.7	103
7	Early forest clearance and environmental degradation in south-west Uganda. <i>Nature</i> , 1986, 320, 164-167.	27.8	101
8	Vegetation dynamics in central Africa since 18,000 yr BP: pollen records from the interlacustrine highlands of Burundi, Rwanda and western Uganda. <i>Journal of Biogeography</i> , 1997, 24, 492-512.	3.0	92
9	Late Pleistocene and Holocene History at Mubwindi Swamp, Southwest Uganda. <i>Quaternary Research</i> , 1997, 47, 316-328.	1.7	92
10	Dynamics of montane forest in central Africa during the late Holocene: a pollen-based record from western Uganda. <i>Holocene</i> , 1998, 8, 375-381.	1.7	82
11	Economic development and pollution emissions in Singapore: Evidence in support of the Environmental Kuznets Curve hypothesis and its implications for regional sustainability. <i>Journal of Cleaner Production</i> , 2020, 243, 118637.	9.3	79
12	Biomass burning, humans and climate change in Southeast Asia. <i>Biodiversity and Conservation</i> , 2010, 19, 1025-1042.	2.6	74
13	Deforestation-induced warming over tropical mountain regions regulated by elevation. <i>Nature Geoscience</i> , 2021, 14, 23-29.	12.9	73
14	Cladocera as indicators of trophic state in Irish lakes. <i>Journal of Paleolimnology</i> , 2010, 44, 465-481.	1.6	68
15	High aboveground carbon stock of African tropical montane forests. <i>Nature</i> , 2021, 596, 536-542.	27.8	65
16	Assessing the ecological status of candidate reference lakes in Ireland using palaeolimnology. <i>Journal of Applied Ecology</i> , 2006, 43, 816-827.	4.0	64
17	Neolithic agriculture, freshwater resources and rapid environmental changes on the lower Yangtze, China. <i>Quaternary Research</i> , 2011, 75, 55-65.	1.7	62
18	Farmers' Perceptions and Actions to Decrease Crop Raiding by Forest-Dwelling Primates Around a Rwandan Forest Fragment. <i>Human Dimensions of Wildlife</i> , 2014, 19, 179-190.	1.8	61

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19	Impacts of climate change on phosphorus loading from a grassland catchment: Implications for future management. <i>Water Research</i> , 2009, 43, 4316-4326.	11.3	59
20	Late Quaternary peat formation and vegetation dynamics in a lowland tropical swamp; Nee Soon, Singapore. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 171, 269-287.	2.3	57
21	CLIMATE CHANGE AND THE RISE OF POLITICAL COMPLEXITY IN WESTERN UGANDA. <i>Journal of African History</i> , 2000, 41, 1-28.	0.1	49
22	Diatom-based total phosphorus (TP) and pH transfer functions for the Irish Ecoregion. <i>Journal of Paleolimnology</i> , 2008, 40, 143-163.	1.6	48
23	A synthesis framework using machine learning and spatial bivariate analysis to identify drivers and hotspots of heavy metal pollution of agricultural soils. <i>Environmental Pollution</i> , 2021, 287, 117611.	7.5	48
24	Wild and domesticated forms of rice (<i>Oryza</i> sp.) in early agriculture at Qingpu, lower Yangtze, China: evidence from phytoliths. <i>Journal of Archaeological Science</i> , 2007, 34, 2101-2108.	2.4	47
25	A record of vegetation dynamics and lake level changes from Lake Emakat, northern Tanzania, during the last c. 1200 years. <i>Journal of Paleolimnology</i> , 2008, 40, 583-601.	1.6	46
26	Environmental and cultural changes during the terminal Neolithic: Qingpu, Yangtze delta, eastern China. <i>Holocene</i> , 2007, 17, 875-887.	1.7	43
27	Climate and vegetation variations since the LGM recorded by biomarkers from a sediment core in the northern South China Sea. <i>Journal of Quaternary Science</i> , 2012, 27, 948-955.	2.1	39
28	Hybrid Governance of Transboundary Commons: Insights from Southeast Asia. <i>Annals of the American Association of Geographers</i> , 2020, 110, 297-313.	2.2	37
29	Populating PEP II: the dispersal of humans and agriculture through Austral-Asia and Oceania. <i>Quaternary International</i> , 2004, 118-119, 145-163.	1.5	35
30	A sediment-based record of Lateglacial and Holocene environmental changes from Guangfulin, Yangtze delta, eastern China. <i>Holocene</i> , 2007, 17, 1221-1231.	1.7	35
31	On the Coattails of globalization: migration, migrants and COVID-19 in Asia. <i>Journal of Ethnic and Migration Studies</i> , 2021, 47, 88-109.	2.8	35
32	Human impact in the Interlacustrine region: long-term pollen records from the Rukiga Highlands. <i>Azania</i> , 1994, 29-30, 283-295.	0.9	33
33	Evidence of the environmental Kuznets curve for atmospheric pollutant emissions in Southeast Asia and implications for sustainable development: A spatial econometric approach. <i>Sustainable Development</i> , 2020, 28, 1441-1456.	12.5	33
34	Late Pliocene–Pleistocene expansion of C4 vegetation in semiarid East Asia linked to increased burning. <i>Geology</i> , 2014, 42, 1067-1070.	4.4	32
35	Rising waters: New geoarchaeological evidence of inundation and early agriculture from former settlement sites on the southern Yangtze Delta, China. <i>Holocene</i> , 2014, 24, 546-558.	1.7	31
36	Globalization, Land Grabbing, and the Present-Day Colonial State in Uganda. <i>Journal of Environment and Development</i> , 2016, 25, 100-126.	3.2	30

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37	Palaeoecological evidence for Holocene environmental change from the Virunga volcanoes in the Albertine Rift, central Africa. <i>Quaternary Science Reviews</i> , 2013, 61, 32-46.	3.0	26
38	A revised chronology for the archaeology of the lower Yangtze, China, based on Bayesian statistical modelling. <i>Journal of Archaeological Science</i> , 2015, 63, 115-121.	2.4	25
39	Pollen representivity of montane forest taxa in south-west Uganda. <i>New Phytologist</i> , 2000, 146, 515-525.	7.3	22
40	Transboundary atmospheric pollution in Southeast Asia: current methods, limitations and future developments. <i>Critical Reviews in Environmental Science and Technology</i> , 2018, 48, 997-1029.	12.8	21
41	Mind the gap! Householder attitudes and actions towards waste in Ireland. <i>Irish Geography</i> , 2005, 38, 151-168.	0.4	20
42	Environmental change and Rift Valley fever in eastern Africa: projecting beyond HEALTHY FUTURES. <i>Geospatial Health</i> , 2016, 11, 387.	0.8	19
43	New sedimentary evidence reveals a unique history of C4 biomass in continental East Asia since the early Miocene. <i>Scientific Reports</i> , 2017, 7, 170.	3.3	18
44	The role of renewable energy in reducing residential fossil energy-related CO2 emissions: Evidence from rural China. <i>Journal of Cleaner Production</i> , 2022, 366, 132891.	9.3	16
45	Establishing the impacts of freshwater aquaculture in tropical Asia: the potential role of palaeolimnology. <i>Geo: Geography and Environment</i> , 2015, 2, 148-163.	0.8	15
46	Making illegality visible: The governance dilemmas created by visualising illegal palm oil plantations in Central Kalimantan, Indonesia. <i>Land Use Policy</i> , 2022, 114, 105942.	5.6	15
47	Storm-triggered, increased supply of sediment-derived phosphorus to the epilimnion in a small freshwater lake. <i>Inland Waters</i> , 2015, 5, 15-26.	2.2	14
48	Radiocarbon anomalies suggest late onset of agricultural intensification in the catchment of the southern part of the Yangtze Delta, China. <i>Catena</i> , 2016, 147, 586-594.	5.0	14
49	Potential anthropogenic regime shifts in three freshwater lakes in Tropical East Asia. <i>Freshwater Biology</i> , 2019, 64, 708-722.	2.4	14
50	Famine, climate and crisis in Western Uganda. , 2004, , 535-549.		13
51	Uncovering the Pathogenic Landscape of Helminth (<i>Opisthorchis viverrini</i>) Infections: A Cross-Sectional Study on Contributions of Physical and Social Environment and Healthcare Interventions. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005175.	3.0	11
52	Evaluation of a diatom eDNA-based technique for assessing water quality variations in tropical lakes and reservoirs. <i>Ecological Indicators</i> , 2022, 141, 109108.	6.3	10
53	A palaeolimnological investigation into nutrient impact and recovery in an agricultural catchment. <i>Journal of Environmental Management</i> , 2013, 124, 147-155.	7.8	8
54	Health, environmental change and adaptive capacity; mapping, examining and anticipating future risks of water-related vector-borne diseases in eastern Africa. <i>Geospatial Health</i> , 2016, 11, 464.	0.8	8

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55	To what extent does climate explain variations in reported malaria cases in early 20th century Uganda?. <i>Geospatial Health</i> , 2016, 11, 407.	0.8	7
56	Sustainable development of carbon sinks? Lessons from three types of peatland partnerships in Indonesia. <i>Sustainable Development</i> , 2022, 30, 241-255.	12.5	7
57	Rapidly rising transboundary atmospheric pollution from industrial and urban sources in Southeast Asia and its implications for regional sustainable development. <i>Environmental Research Letters</i> , 2020, 15, 1040a5.	5.2	7
58	Modeling environmental influences on the locations of Irish early medieval ringforts. <i>Geoarchaeology - an International Journal</i> , 2006, 21, 201-220.	1.5	6
59	A predictive geospatial approach for modelling phosphorus concentrations in rivers at the landscape scale. <i>Journal of Hydrology</i> , 2013, 504, 216-225.	5.4	6
60	Forest Utilisation in Sarawak, Malaysia: A Case of Sustaining the Unsustainable. <i>Singapore Journal of Tropical Geography</i> , 1997, 18, 141-162.	0.9	5
61	Drivers of long-term trends and seasonal changes in total phosphorus loads to a mesotrophic lake in the west of Ireland. <i>Marine and Freshwater Research</i> , 2013, 64, 413.	1.3	5
62	Geography in Ireland in transition—some comments : Introduction. <i>Irish Geography</i> , 2004, 37, 121-144.	0.4	4
63	Aquatic ecosystem changes in a global biodiversity hotspot: Evidence from the Albertine Rift, central Africa. <i>Journal of Biogeography</i> , 2019, 46, 2098-2114.	3.0	3
64	A century of anthropogenic environmental change in tropical Asia: Multi-proxy palaeolimnological evidence from Singapore's Central Catchment. <i>Holocene</i> , 2020, 30, 162-177.	1.7	3
65	Terrestrial and Aquatic Carbon Dynamics in Tropical Peatlands under Different Land Use Types: A Systematic Review Protocol. <i>Forests</i> , 2021, 12, 1298.	2.1	3
66	A Biogeographer's Construction of Tropical Lands: A.R. Wallace, Biogeographical Method and The Malay Archipelago. <i>Singapore Journal of Tropical Geography</i> , 2000, 21, 63-75.	0.9	2
67	Governing transboundary commons in Southeast Asia. <i>Asia Pacific Viewpoint</i> , 2020, 61, 185-189.	1.4	2
68	Palynological evidence for abrupt climatic cooling in equatorial Africa at about 43,000–40,000 cal BP. <i>Review of Palaeobotany and Palynology</i> , 2018, 250, 53-59.	1.5	1
69	Transboundary environmental governance: Emerging themes and lessons from Southeast Asia. <i>Environmental Policy and Governance</i> , 2022, 32, 275-280.	3.7	1
70	Reconstruction of the recent past in a west of Ireland catchment. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2008, 30, 512-514.	0.1	0
71	Alkane variation in peat reveals palaeohydrological changes since the Little Ice Age in eastern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 585, 110727.	2.3	0