Michael I. Bird

List of Publications by Year
in descending order

263 papers	19,155 citations	10389 72 h-index	15266 126 g-index
279 all docs	279 docs citations	279 times ranked	19999 citing authors

#	Article	IF	Citations
1	The knowns, known unknowns and unknowns of sequestration of soil organic carbon. Agriculture, Ecosystems and Environment, 2013, 164, 80-99.	5.3	1,143
2	Benefits of biochar, compost and biocharâ€“compost for soil quality, maize yield and greenhouse gas emissions in a tropical agricultural soil. Science of the Total Environment, 2016, 543, 295-306.	8.0	522
3	Woody cover and hominin environments in the past 6â€‰million years. Nature, 2011, 476, 51-56.	27.8	514
4	Archaeology and age of a new hominin from Flores in eastern Indonesia. Nature, 2004, 431, 1087-1091.	27.8	509
5	The role of biochar and biochar-compost in improving soil quality and crop performance: A review. Applied Soil Ecology, 2017, 119, 156-170.	4.3	487
6	Palaeoenvironments of insular Southeast Asia during the Last Glacial Period: a savanna corridor in Sundaland?. Quaternary Science Reviews, 2005, 24, 2228-2242.	3.0	462
7	Height-diameter allometry of tropical forest trees. Biogeosciences, 2011, 8, 1081-1106.	3.3	396
8	The â€˜human revolutionâ€™ in lowland tropical Southeast Asia: the antiquity and behavior of anatomically modern humans at Niah Cave (Sarawak, Borneo). Journal of Human Evolution, 2007, 52, 243-261.	2.6	390
9	Optical and radiocarbon dating at Jinmium rock shelter in northern Australia. Nature, 1998, 393, 358-362.	27.8	355
10	The Pyrogenic Carbon Cycle. Annual Review of Earth and Planetary Sciences, 2015, 43, 273-298.	11.0	336
11	Algal biochar â€“ production and properties. Bioresource Technology, 2011, 102, 1886-1891.	9.6	315
12	Radiocarbon Dating of â€œOldâ€•Charcoal Using a Wet Oxidation, Stepped-Combustion Procedure. Radiocarbon, 1999, 41, 127-140.	1.8	274
13	Biochar and biochar-compost as soil amendments: Effects on peanut yield, soil properties and greenhouse gas emissions in tropical North Queensland, Australia. Agriculture, Ecosystems and Environment, 2015, 213, 72-85.	5.3	267
14	Stability of elemental carbon in a savanna soil. Global Biogeochemical Cycles, 1999, 13, 923-932.	4.9	248
15	Early Human Occupation at Devil's Lair, Southwestern Australia 50,000 Years Ago. Quaternary Research, 2001, 55, 3-13.	1.7	247
16	A million-year record of fire in sub-Saharan Africa. Nature, 1998, 394, 767-769.	27.8	232
17	Farming with crops and rocks to address global climate, food and soil security. Nature Plants, 2018, 4, 138-147.	9.3	226
18	Soil Security: Solving the Global Soil Crisis. Global Policy, 2013, 4, 434-441.	1.7	219

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19	Evidence for bias in C and N concentrations and Î´13C composition of terrestrial and aquatic organic materials due to pre-analysis acid preparation methods. Chemical Geology, 2011, 282, 67-83.	3.3	214
20	Crop yield, plant nutrient uptake and soil physicochemical properties under organic soil amendments and nitrogen fertilization on Nitisols. Soil and Tillage Research, 2016, 160, 1-13.	5.6	207
21	Microbial processes and carbon-isotope fractionation in tropical and temperate grassland soils. Functional Ecology, 2000, 14, 108-114.	3.6	197
22	Coâ€limitation of photosynthetic capacity by nitrogen and phosphorus in West Africa woodlands. Plant, Cell and Environment, 2010, 33, 959-980.	5.7	192
23	Forest contraction in north equatorial Southeast Asia during the Last Glacial Period. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15508-15511.	7.1	181
24	Determination of the abundance and carbon isotope composition of elemental carbon in sediments. Geochimica Et Cosmochimica Acta, 1997, 61, 3413-3423.	3.9	175
25	Isotopes in pyrogenic carbon: A review. Organic Geochemistry, 2012, 42, 1529-1539.	1.8	174
26	Sediments deposited by the 2004 Indian Ocean Tsunami along the Malaysiaâ€“Thailand Peninsula. Marine Geology, 2007, 242, 169-190.	2.1	164
27	A latitudinal gradient in carbon turnover times in forest soils. Nature, 1996, 381, 143-146.	27.8	160
28	Variations of Î´13C in the surface soil organic carbon pool. Global Biogeochemical Cycles, 1997, 11, 313-322.	4.9	159
29	An inflection in the rate of early mid-Holocene eustatic sea-level rise: A new sea-level curve from Singapore. Estuarine, Coastal and Shelf Science, 2007, 71, 523-536.	2.1	158
30	The 10 Australian ecosystems most vulnerable to tipping points. Biological Conservation, 2011, 144, 1472-1480.	4.1	158
31	C4â€derived soil organic carbon decomposes faster than its C3 counterpart in mixed C3/C4 soils. Global Change Biology, 2007, 13, 2206-2217.	9.5	150
32	Soil properties, greenhouse gas emissions and crop yield under compost, biochar and co-composted biochar in two tropical agronomic systems. Science of the Total Environment, 2016, 550, 459-470.	8.0	146
33	Rayleigh distillation and the depth profile of 13C/12C ratios of soil organic carbon from soils of disparate texture in Iron Range National Park, Far North Queensland, Australia. Geochimica Et Cosmochimica Acta, 2005, 69, 1961-1973.	3.9	139
34	Punctuated eustatic sea-level rise in the early mid-Holocene. Geology, 2010, 38, 803-806.	4.4	139
35	Holocene sea-level change and ice-sheet history in the Vestfold Hills, East Antarctica. Earth and Planetary Science Letters, 1998, 155, 131-145.	4.4	136
36	Rapid degradation of pyrogenic carbon. Global Change Biology, 2012, 18, 3306-3316.	9.5	136

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37	Effect of fire and soil texture on soil carbon in a sub-humid savanna (Matopos, Zimbabwe). Geoderma, 2000, 94, 71-90.	5.1	133
38	Contributions of woody and herbaceous vegetation to tropical savanna ecosystem productivity: a quasi-global estimate. Tree Physiology, 2008, 28, 451-468.	3.1	132
39	The effects of biochar, compost and their mixture and nitrogen fertilizer on yield and nitrogen use efficiency of barley grown on a Nitisol in the highlands of Ethiopia. Science of the Total Environment, 2016, 569-570, 869-879.	8.0	130
40	Large rivers and orogens: The evolution of the Yarlung Tsangpoâ€“Irrawaddy system and the eastern Himalayan syntaxis. Gondwana Research, 2014, 26, 112-121.	6.0	128
41	Continental-scale measurement of the soil organic carbon pool with climatic, edaphic, and biotic controls. Global Biogeochemical Cycles, 2006, 20, n/a-n/a.	4.9	126
42	Biochar from commercially cultivated seaweed for soil amelioration. Scientific Reports, 2015, 5, 9665.	3.3	125
43	The Irrawaddy River Sediment Flux to the Indian Ocean: The Original Nineteenthâ€Century Data Revisited. Journal of Geology, 2007, 115, 629-640.	1.4	116
44	Influence of feedstock properties and pyrolysis conditions on biochar carbon stability as determined by hydrogen pyrolysis. Biomass and Bioenergy, 2015, 73, 155-173.	5.7	116
45	Variation in soil carbon stocks and their determinants across a precipitation gradient in <scp>W</scp>est <scp>A</scp>frica. Global Change Biology, 2012, 18, 1670-1683.	9.5	114
46	Redating the onset of burning at Lynch's Crater (North Queensland): implications for human settlement in Australia. Journal of Quaternary Science, 2001, 16, 767-771.	2.1	109
47	Climate change not to blame for late Quaternary megafauna extinctions in Australia. Nature Communications, 2016, 7, 10511.	12.8	109
48	On the delineation of tropical vegetation types with an emphasis on forest/savanna transitions. Plant Ecology and Diversity, 2013, 6, 101-137.	2.4	105
49	A record of fire, vegetation and climate through the last three glacial cycles from Lombok Ridge core G6-4, eastern Indian Ocean, Indonesia. Palaeogeography, Palaeoclimatology, Palaeoecology, 1999, 147, 241-256.	2.3	104
50	Variability in oxidative degradation of charcoal: Influence of production conditions and environmental exposure. Geochimica Et Cosmochimica Acta, 2011, 75, 2361-2378.	3.9	104
51	Stable-isotope geochronology of the Australian regolith. Geochimica Et Cosmochimica Acta, 1989, 53, 3239-3256.	3.9	101
52	Isotopic constraints on the origin of salts in Australian playas. 1. Sulphur. Palaeogeography, Palaeoclimatology, Palaeoecology, 1991, 84, 309-332.	2.3	99
53	Soil carbon stocks vary predictably with altitude in tropical forests: Implications for soil carbon storage. Geoderma, 2013, 204-205, 59-67.	5.1	99
54	Sediment mixing at Nonda Rock: investigations of stratigraphic integrity at an early archaeological site in northern Australia and implications for the human colonisation of the continent. Journal of Quaternary Science, 2007, 22, 449-479.	2.1	97

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55	Charcoal reflectance measurements: implications for structural characterization and assessment of diagenetic alteration. Journal of Archaeological Science, 2010, 37, 1590-1599.	2.4	97
56	Algal biochar: effects and applications. GCB Bioenergy, 2012, 4, 61-69.	5.6	96
57	Sedimentological and stable-isotope evolution of lakes in the Vestfold Hills, Antarctica. Palaeogeography, Palaeoclimatology, Palaeoecology, 1991, 84, 109-130.	2.3	94
58	Effect of altitude on the carbon-isotope composition of forest and grassland soils from Papua New Guinea. Global Biogeochemical Cycles, 1994, 8, 13-22.	4.9	94
59	Radiocarbon analysis of the early archaeological site of Nauwalabila I, Arnhem Land, Australia: implications for sample suitability and stratigraphic integrity. Quaternary Science Reviews, 2002, 21, 1061-1075.	3.0	94
60	X-ray microtomographic imaging of charcoal. Journal of Archaeological Science, 2008, 35, 2698-2706.	2.4	94
61	Terrestrial carbon storage at the LGM. Nature, 1994, 371, 566-566.	27.8	93
62	The ameliorating effects of biochar and compost on soil quality and plant growth on a Ferralsol. Soil Research, 2015, 53, 1.	1.1	90
63	Climate dependence of heterotrophic soil respiration from a soilâ€translocation experiment along a 3000 m tropical forest altitudinal gradient. European Journal of Soil Science, 2009, 60, 895-906.	3.9	86
64	Terrestrial vegetation change inferred from n-alkane Ïƒ13C analysis in the marine environment. Geochimica Et Cosmochimica Acta, 1995, 59, 2853-2857.	3.9	85
65	Prehistoric Foragers and Farmers in South-east Asia: Renewed Investigations at Niah Cave, Sarawak. Proceedings of the Prehistoric Society, London, 2002, 68, 147-164.	0.7	84
66	Influence of production variables and starting material on charcoal stable isotopic and molecular characteristics. Geochimica Et Cosmochimica Acta, 2008, 72, 6090-6102.	3.9	83
67	Carbon sequestration and biodiversity restoration potential of semi-arid mulga lands of Australia interpreted from long-term grazing exclosures. Agriculture, Ecosystems and Environment, 2011, 141, 108-118.	5.3	83
68	Radiocarbon dating from 40 to 60kaBP at Border Cave, South Africa. Quaternary Science Reviews, 2003, 22, 943-947.	3.0	81
69	Alkali extraction of archaeological and geological charcoal: evidence for diagenetic degradation and formation of humic acids. Journal of Archaeological Science, 2011, 38, 69-78.	2.4	80
70	Hydropyrolysis as a new tool for radiocarbon pre-treatment and the quantification of black carbon. Quaternary Geochronology, 2009, 4, 140-147.	1.4	79
71	Biochar-based fertilizer: Supercharging root membrane potential and biomass yield of rice. Science of the Total Environment, 2020, 713, 136431.	8.0	78
72	A long record of environmental change from bat guano deposits in Makangit Cave, Palawan, Philippines. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2007, 98, 59-69.	0.3	75

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73	Can composition and physical protection of soil organic matter explain soil respiration temperature sensitivity?. Biogeochemistry, 2012, 107, 423-436.	3.5	75
74	The effect of soil texture and roots on the stable carbon isotope composition of soil organic carbon. Soil Research, 2003, 41, 77.	1.1	74
75	A preliminary estimate of organic carbon transport by the Ayeyarwady (Irrawaddy) and Thanlwin (Salween) Rivers of Myanmar. Quaternary International, 2008, 186, 113-122.	1.5	74
76	Geomorphic and palaeoclimatic implications of an oxygenâ€isotope chronology for Australian deeply weathered profiles. Australian Journal of Earth Sciences, 1993, 40, 345-358.	1.0	71
77	Extreme shortâ€term stable isotope variability revealed by continuous rainwater analysis. Hydrological Processes, 2012, 26, 3630-3634.	2.6	71
78	Litter contribution to diurnal and annual soil respiration in a tropical montane cloud forest. Soil Biology and Biochemistry, 2009, 41, 1338-1340.	8.8	70
79	Geochronology of cave deposits at Liang Bua and of adjacent river terraces in the Wae Racang valley, western Flores, Indonesia: a synthesis of age estimates for the type locality of Homo floresiensis. Journal of Human Evolution, 2009, 57, 484-502.	2.6	70
80	Oxygen-isotope systematics in a multiphase weathering system in Haiti. Geochimica Et Cosmochimica Acta, 1992, 56, 2831-2838.	3.9	69
81	Early human settlement of Sahul was not an accident. Scientific Reports, 2019, 9, 8220.	3.3	68
82	Oxygen isotope dating of the Australian regolith. Nature, 1988, 331, 513-516.	27.8	67
83	Soil carbon inventories and Î´ 13 C along a moisture gradient in Botswana. Global Change Biology, 2004, 10, 342-349.	9.5	67
84	Stable-isotope evidence for low-temperature kaolinitic weathering and post-formational hydrogen-isotope exchange in permian kaolinites. Chemical Geology: Isotope Geoscience Section, 1988, 72, 249-265.	0.6	65
85	Investigation of growth responses in saprophytic fungi to charred biomass. Isotopes in Environmental and Health Studies, 2010, 46, 64-77.	1.0	65
86	Temporal variation and climate dependence of soil respiration and its components along a 3000 m altitudinal tropical forest gradient. Global Biogeochemical Cycles, 2010, 24, .	4.9	65
87	Assessment of hydropyrolysis as a method for the quantification of black carbon using standard reference materials. Geochimica Et Cosmochimica Acta, 2012, 97, 131-147.	3.9	65
88	Continuous analysis of Î´¹⁸O and ÎD values of water by diffusion sampling cavity ringâ€down spectrometry: a novel sampling device for unattended field monitoring of precipitation, ground and surface waters. Rapid Communications in Mass Spectrometry, 2011, 25, 3706-3712.	1.5	64
89	Structural, physiognomic and above-ground biomass variation in savannaâ€“forest transition zones on three continents â€“ how different are co-occurring savanna and forest formations?. Biogeosciences, 2015, 12, 2927-2951.	3.3	63
90	A revised chronology of the lowest occupation layer of Pedra Furada Rock Shelter, PiauÄ±Ì, Brazil: the Pleistocene peopling of the Americas. Quaternary Science Reviews, 2003, 22, 2303-2310.	3.0	61

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91	The isotopic composition of soil organic carbon on a north-south transect in western Canada. European Journal of Soil Science, 2002, 53, 393-403.	3.9	60
92	Microbial characteristics of soils on a latitudinal transect in Siberia. Global Change Biology, 2003, 9, 1106-1117.	9.5	58
93	Calculating Sediment Compaction for Radiocarbon Dating of Intertidal Sediments. Radiocarbon, 2004, 46, 421-435.	1.8	57
94	Buang Merabak: Early Evidence For Human Occupation In The Bismarck Archipelago, Papua New Guinea. Australian Archaeology, 2002, 54, 55-57.	0.6	56
95	Stable carbon and hydrogen isotopes from bat guano in the Grand Canyon, USA, reveal Younger Dryas and 8.2 ka events. Geology, 2008, 36, 683.	4.4	56
96	Hydropyrolysis: Implications for Radiocarbon Pretreatment and Characterization of Black Carbon. Radiocarbon, 2010, 52, 1336-1350.	1.8	56
97	Fluvial dynamics of dissolved and particulate organic carbon during periodic discharge events in a steep tropical rainforest catchment. Limnology and Oceanography, 2011, 56, 2282-2292.	3.1	53
98	Radiocarbon Dating of Wood Using Different Pretreatment Procedures: Application to the Chronology of Rotoehu Ash, New Zealand. Radiocarbon, 2001, 43, 239-248.	1.8	52
99	Palaeogeography and voyage modeling indicates early human colonization of Australia was likely from Timor-Roti. Quaternary Science Reviews, 2018, 191, 431-439.	3.0	52
100	Electromyographic Activity of the Pectoralis Major and Anterior Deltoid Muscles During Three Upper-Body Lifts. Journal of Strength and Conditioning Research, 2005, 19, 449.	2.1	52
101	The efficiency of charcoal decontamination for radiocarbon dating by three pre-treatments â€“ ABOX, ABA and hypy. Quaternary Geochronology, 2014, 22, 25-32.	1.4	50
102	Early Last Interglacial ocean warming drove substantial ice mass loss from Antarctica. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3996-4006.	7.1	50
103	Heterotrophic Fixation of CO2 in Soil. Microbial Ecology, 2005, 49, 218-225.	2.8	49
104	Stable Isotope Anatomy of Tropical Cyclone Ita, North-Eastern Australia, April 2014. PLoS ONE, 2015, 10, e0119728.	2.5	49
105	Carbon isotope indicators of catchment vegetation in the Brazilian Amazon. Global Biogeochemical Cycles, 1992, 6, 293-306.	4.9	48
106	Effect of forest and savanna vegetation on the carbonâ€isotope composition of sediments from the Sanaga River, Cameroon. Limnology and Oceanography, 1994, 39, 1845-1854.	3.1	48
107	Spatial and temporal expression of vegetation and atmospheric variability from stable carbon and nitrogen isotope analysis of bat guano in the southern United States. Geochimica Et Cosmochimica Acta, 2007, 71, 3302-3310.	3.9	48
108	Environmental controls on the stable carbon isotopic composition of soil organic carbon: implications for modelling the distribution of C₃ and C₄ plants, Australia. Tellus, Series B: Chemical and Physical Meteorology, 2022, 60, 604.	1.6	47

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109	Radiocarbon Dating of the Human Occupation of Australia Prior to 40 ka BPâ€"Successes and Pitfalls. Radiocarbon, 2001, 43, 1139-1145.	1.8	46
110	Carbon-isotope composition of sediments from the Gulf of Papua. Geo-Marine Letters, 1995, 15, 153-159.	1.1	45
111	Correspondence between glass-FT and 14C ages of silicic pyroclastic flow deposits sourced from Maninjau caldera, west-central Sumatra. Earth and Planetary Science Letters, 2004, 227, 121-133.	4.4	45
112	Intrinsic and extrinsic forcing in life histories: patterns of growth and stable isotopes in male Antarctic fur seal teeth. Marine Ecology - Progress Series, 2009, 388, 263-272.	1.9	45
113	Bioremediation for coal-fired power stations using macroalgae. Journal of Environmental Management, 2015, 153, 25-32.	7.8	45
114	A seasonal cycle in the carbonâ€isotope composition of organic carbon in the Sanaga River, Cameroon. Limnology and Oceanography, 1998, 43, 143-146.	3.1	44
115	Past Human Activity and Geomorphological Change in a Guano-Rich Tropical Cave Mouth: Initial Interpretations of the Late Quaternary Succession in the Great Cave of Niah, Sarawak. Asian Perspectives, 2005, 44, 16-41.	0.1	44
116	Evolution of the Irrawaddy delta region since 1850. Geographical Journal, 2010, 176, 138-149.	3.1	44
117	Microwave extractionâ€"isotope ratio infrared spectroscopy (MEâ€IRIS): a novel technique for rapid extraction and inâ€line analysis of Î´¹⁸O and Î´²H values of water in plants, soils and insects. Rapid Communications in Mass Spectrometry, 2014, 28, 2151-2161.	1.5	44
118	An RCT to evaluate the utility of a clinical protocol for staff in the management of behavioral and psychological symptoms of dementia in residential aged-care settings. Aging and Mental Health, 2015, 19, 799-807.	2.8	44
119	Basin-wide variations in Amazon forest nitrogen-cycling characteristics as inferred from plant and soil¹⁵N:¹⁴N measurements. Plant Ecology and Diversity, 2014, 7, 173-187.	2.4	43
120	Effects of mineralogy, chemistry and physical properties of basalts on carbon capture potential and plant-nutrient element release via enhanced weathering. Applied Geochemistry, 2021, 132, 105023.	3.0	42
121	What caused extinction of the Pleistocene megafauna of Sahul?. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152399.	2.6	41
122	Pyrogenic carbon from tropical savanna burning: production and stable isotope composition. Biogeosciences, 2015, 12, 1849-1863.	3.3	40
123	Stable isotopic signature of Australian monsoon controlled by regional convection. Quaternary Science Reviews, 2016, 151, 228-235.	3.0	40
124	Humans, water, and the colonization of Australia. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11477-11482.	7.1	40
125	Data Descriptor: Daily observations of stable isotope ratios of rainfall in the tropics. Scientific Reports, 2019, 9, 14419.	3.3	40
126	Savanna in equatorial Borneo during the late Pleistocene. Scientific Reports, 2019, 9, 6392.	3.3	40

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127	An isotopic study of surficial alunite in Australia: 1. Hydrogen and sulphur isotopes. Geochimica Et Cosmochimica Acta, 1989, 53, 3223-3237.	3.9	39
128	Quantifying the abundance and stable isotope composition of pyrogenic carbon using hydrogen pyrolysis. Rapid Communications in Mass Spectrometry, 2012, 26, 2690-2696.	1.5	39
129	Soil types influence predictions of soil carbon stock recovery in tropical secondary forests. Forest Ecology and Management, 2016, 376, 74-83.	3.2	39
130	Humans, megafauna and environmental change in tropical Australia. Journal of Quaternary Science, 2013, 28, 439-452.	2.1	38
131	The biogeochemistry of insectivorous cave guano: a case study from insular Southeast Asia. Biogeochemistry, 2015, 124, 163-175.	3.5	37
132	A stable-isotope study of lateritic bauxites. Geochimica Et Cosmochimica Acta, 1989, 53, 1411-1420.	3.9	35
133	Populating PEP II: the dispersal of humans and agriculture through Austral-Asia and Oceania. Quaternary International, 2004, 118-119, 145-163.	1.5	35
134	Quantifying pyrogenic carbon from thermosequences of wood and grass using hydrogen pyrolysis. Organic Geochemistry, 2013, 62, 28-32.	1.8	35
135	Charcoal re-combustion efficiency in tropical savannas. Geoderma, 2014, 219-220, 40-45.	5.1	34
136	Groundwaterâ€Derived DIC and Carbonate Buffering Enhance Fluvial CO₂ Evasion in Two Australian Tropical Rivers. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 312-327.	3.0	34
137	Minimum founding populations for the first peopling of Sahul. Nature Ecology and Evolution, 2019, 3, 1057-1063.	7.8	34
138	Stable Isotopes of Subfossil Bat Guano as a Long-Term Environmental Archive: Insights from a Grand Canyon Cave Deposit. Journal of Cave and Karst Studies, 2010, 72, 111-121.	0.6	34
139	Natural abundance of 13C in leaf litter as related to feeding activity of soil invertebrates and microbial mineralisation. Soil Biology and Biochemistry, 2000, 32, 1793-1797.	8.8	33
140	Optimal climate for large trees at high elevations drives patterns of biomass in remote forests of Papua New Guinea. Global Change Biology, 2017, 23, 4873-4883.	9.5	33
141	Antarctic ice sheet discharge driven by atmosphere-ocean feedbacks at the Last Glacial Termination. Scientific Reports, 2017, 7, 39979.	3.3	33
142	An isotopic study of surficial alunite in Australia 2. Potassium-argon geochronology. Chemical Geology: Isotope Geoscience Section, 1990, 80, 133-145.	0.6	32
143	Temperature sensitivity of tropical forest soil respiration increase along an altitudinal gradient with ongoing decomposition. Geoderma, 2012, 187-188, 8-15.	5.1	32
144	Late Plioceneâ€“Pleistocene expansion of C4 vegetation in semiarid East Asia linked to increased burning. Geology, 2014, 42, 1067-1070.	4.4	32

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145	Stochastic models support rapid peopling of Late Pleistocene Sahul. Nature Communications, 2021, 12, 2440.	12.8	32
146	Evolution of the Sungei Bulohâ€“Kranji mangrove coast, Singapore. Applied Geography, 2004, 24, 181-198.	3.7	31
147	Criteria for assessing the quality of Middle Pleistocene to Holocene vertebrate fossil ages. Quaternary Geochronology, 2015, 30, 69-79.	1.4	31
148	Development of a Robust ¹⁴C Chronology for Lynch's Crater (North Queensland,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.8	29
149	The age and origin of the Straits of Singapore. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 241, 531-538.	2.3	29
150	Amazon Basin forest pyrogenic carbon stocks: First estimate of deep storage. Geoderma, 2017, 306, 237-243.	5.1	29
151	Landscape rules predict optimal superhighways for the first peopling of Sahul. Nature Human Behaviour, 2021, 5, 1303-1313.	12.0	29
152	Radiocarbon dating of organic- and carbonate-carbon in Genyornis and Dromaius eggshell using stepped combustion and stepped acidification. Quaternary Science Reviews, 2003, 22, 1805-1812.	3.0	28
153	Stable carbon and nitrogen isotope analysis of avian uric acid. Rapid Communications in Mass Spectrometry, 2008, 22, 3393-3400.	1.5	28
154	Quantification of pyrogenic carbon in the environment: An integration of analytical approaches. Organic Geochemistry, 2016, 100, 42-50.	1.8	28
155	Influence of integrated soil fertility management in wheat and tef productivity and soil chemical properties in the highland tropical environment. Journal of Soil Science and Plant Nutrition, 2014, , 0-0.	3.4	27
156	Elemental ?13C at Allen's Cave, Nullarbor Plain, Australia: assessing post-depositional disturbance and reconstructing past environments. Journal of Quaternary Science, 2001, 16, 779-784.	2.1	26
157	Soil carbon balance following conversion of grassland to oil palm. GCB Bioenergy, 2015, 7, 263-272.	5.6	26
158	Gracilaria waste biomass (sampah rumput laut) as a bioresource for selenium biosorption. Journal of Applied Phycology, 2015, 27, 611-620.	2.8	26
159	Sclerochronological analysis of archaeological mollusc assemblages: methods, applications and future prospects. Archaeological and Anthropological Sciences, 2016, 8, 359-379.	1.8	26
160	Better estimates of soil carbon from geographical data: a revised global approach. Mitigation and Adaptation Strategies for Global Change, 2019, 24, 355-372.	2.1	26
161	First continuous shipboard Î´18O and Î´D measurements in sea water by diffusion samplingâ€”cavity ring-down spectrometry. Environmental Chemistry Letters, 2012, 10, 301-307.	16.2	25
162	ISOâ€CADICA: Isotopic â€“ continuous, automated dissolved inorganic carbon analyser. Rapid Communications in Mass Spectrometry, 2012, 26, 639-644.	1.5	25

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163	Contrasting carbon export dynamics of human impacted and pristine tropical catchments in response to a shortâ€lived discharge event. Hydrological Processes, 2014, 28, 1835-1843.	2.6	25
164	Barriers and bridges: early human dispersals in equatorial SE Asia. Geological Society Special Publication, 2016, 411, 235-250.	1.3	25
165	Terrestrial carbon-storage from the last glacial maximum to the present. Chemosphere, 1996, 33, 1675-1685.	8.2	24
166	Soil carbon inventories and carbon-13 on a latitude transect in Siberia. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 631-641.	1.6	24
167	Geochemistry of coral from Papua New Guinea as a proxy for ENSO oceanâ€“atmosphere interactions in the Pacific Warm Pool. Continental Shelf Research, 2004, 24, 2343-2356.	1.8	24
168	Stable isotope composition of cave guano from eastern Borneo reveals tropical environments over the past 15,000 cal yr BP. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 473, 73-81.	2.3	24
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