

Michael I. Bird

List of Publications by Year in descending order

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Version: 2024-02-01

263
papers

19,155
citations

10351

72
h-index

15218

126
g-index

279
all docs

279
docs citations

279
times ranked

19999
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil carbon inventories and carbon-13 on a latitude transect in Siberia. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 54, 631.	0.8	12
2	Environmental controls on the stable carbon isotopic composition of soil organic carbon: implications for modelling the distribution of C₃ and C₄ plants, Australia. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 60, 604.	0.8	47
3	A carbon and nitrogen isotope perspective on ancient human diet in the British Isles. <i>Journal of Archaeological Science</i> , 2022, 137, 105516.	1.2	3
4	A radiocarbon chronology for Sanamere Lagoon, Cape York Peninsula, using multiple organic fractions. <i>Quaternary Geochronology</i> , 2022, , 101273.	0.6	1
5	Tropical environmental change in North Sumatra at the Last Glacial Maximum: Evidence from the stable isotope composition of cave guano. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 602, 111136.	1.0	2
6	Improved pretreatment method for the isolation and decontamination of pyrogenic carbon for radiocarbon dating using hydrogen pyrolysis. <i>Quaternary Geochronology</i> , 2021, 61, 101124.	0.6	2
7	Vegetation over the last glacial maximum at Girraween Lagoon, monsoonal northern Australia. <i>Quaternary Research</i> , 2021, 102, 39-52.	1.0	14
8	A late-Holocene multiproxy fire record from a tropical savanna, eastern Arnhem Land, Northern Territory, Australia. <i>Holocene</i> , 2021, 31, 870-883.	0.9	9
9	Effects of plant intraspecific variation on the prediction of C3/C4 vegetation ratio from carbon isotope composition of topsoil organic matter across grasslands. <i>Journal of Plant Ecology</i> , 2021, 14, 628-637.	1.2	5
10	Landscape rules predict optimal superhighways for the first peopling of Sahul. <i>Nature Human Behaviour</i> , 2021, 5, 1303-1313.	6.2	29
11	Stochastic models support rapid peopling of Late Pleistocene Sahul. <i>Nature Communications</i> , 2021, 12, 2440.	5.8	32
12	A global carbon and nitrogen isotope perspective on modern and ancient human diet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	20
13	Using charcoal, ATR FTIR and chemometrics to model the intensity of pyrolysis: Exploratory steps towards characterising fire events. <i>Science of the Total Environment</i> , 2021, 783, 147052.	3.9	18
14	Effects of mineralogy, chemistry and physical properties of basalts on carbon capture potential and plant-nutrient element release via enhanced weathering. <i>Applied Geochemistry</i> , 2021, 132, 105023.	1.4	42
15	Indigenous impacts on north Australian savanna fire regimes over the Holocene. <i>Scientific Reports</i> , 2021, 11, 23157.	1.6	3
16	Multiproxy Holocene Fire Records From the Tropical Savannas of Northern Cape York Peninsula, Queensland, Australia. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	1
17	Coupled rainfall and water vapour stable isotope time series reveal tropical atmospheric processes on multiple timescales. <i>Hydrological Processes</i> , 2020, 34, 111-124.	1.1	12
18	Stable isotope proxy records in tropical terrestrial environments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 538, 109445.	1.0	10

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19	Palaeochannels of Australia's Riverine Plain - Reconstructing past vegetation environments across the Late Pleistocene and Holocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 545, 109533.	1.0	6
20	Biochar-based fertilizer: Supercharging root membrane potential and biomass yield of rice. <i>Science of the Total Environment</i> , 2020, 713, 136431.	3.9	78
21	Net landscape carbon balance of a tropical savanna: Relative importance of fire and aquatic export in offsetting terrestrial production. <i>Global Change Biology</i> , 2020, 26, 5899-5913.	4.2	17
22	Land transformation in tropical savannas preferentially decomposes newly added biomass, whether C ₃ or C ₄ derived. <i>Ecological Applications</i> , 2020, 30, e02192.	1.8	6
23	A new Quaternary stratigraphy of the Kallang River Basin, Singapore: Implications for urban development and geotechnical engineering in Singapore. <i>Journal of Asian Earth Sciences</i> , 2020, 200, 104430.	1.0	11
24	Southern Ocean carbon sink enhanced by sea-ice feedbacks at the Antarctic Cold Reversal. <i>Nature Geoscience</i> , 2020, 13, 489-497.	5.4	20
25	Archaeal lipid-inferred paleohydrology and paleotemperature of Lake Chenghai during the Pleistocene-Holocene transition. <i>Climate of the Past</i> , 2020, 16, 833-845.	1.3	8
26	Tipping elements and amplified polar warming during the Last Interglacial. <i>Quaternary Science Reviews</i> , 2020, 233, 106222.	1.4	20
27	Can ancient insect exoskeleton $\delta^{13}C$ values be used to infer past vegetation types?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 555, 109857.	1.0	1
28	Early Last Interglacial ocean warming drove substantial ice mass loss from Antarctica. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3996-4006.	3.3	50
29	A rapid throughput technique to isolate pyrogenic carbon by hydrogen pyrolysis for stable isotope and radiocarbon analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8737.	0.7	8
30	Chemical Characteristics of Macroscopic Pyrogenic Carbon Following Millennial-Scale Environmental Exposure. <i>Frontiers in Environmental Science</i> , 2020, 7, .	1.5	10
31	Seasonal Shift From Biogenic to Geogenic Fluvial Carbon Caused by Changing Water Sources in the Wet-Dry Tropics. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005384.	1.3	15
32	Better estimates of soil carbon from geographical data: a revised global approach. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 355-372.	1.0	26
33	Selective preservation of pyrogenic carbon across soil organic matter fractions and its influence on calculations of carbon mean residence times. <i>Geoderma</i> , 2019, 354, 113866.	2.3	16
34	Data Descriptor: Daily observations of stable isotope ratios of rainfall in the tropics. <i>Scientific Reports</i> , 2019, 9, 14419.	1.6	40
35	Groundwater-Derived DIC and Carbonate Buffering Enhance Fluvial CO ₂ Evasion in Two Australian Tropical Rivers. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 312-327.	1.3	34
36	Minimum founding populations for the first peopling of Sahul. <i>Nature Ecology and Evolution</i> , 2019, 3, 1057-1063.	3.4	34

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37	Early human settlement of Sahul was not an accident. <i>Scientific Reports</i> , 2019, 9, 8220.	1.6	68
38	Abrupt changes in Indian summer monsoon strength during the last deglaciation and early Holocene based on stable isotope evidence from Lake Chenghai, southwest China. <i>Quaternary Science Reviews</i> , 2019, 218, 1-9.	1.4	22
39	Holocene savanna dynamics in the seasonal tropics of northern Australia. <i>Review of Palaeobotany and Palynology</i> , 2019, 267, 17-31.	0.8	17
40	45,610–52,160 years of site and landscape occupation at Nawarla Gabarnmang, Arnhem Land plateau (northern Australia). <i>Quaternary Science Reviews</i> , 2019, 215, 64-85.	1.4	18
41	Savanna in equatorial Borneo during the late Pleistocene. <i>Scientific Reports</i> , 2019, 9, 6392.	1.6	40
42	Partitioning of Microbially Respired CO ₂ Between Indigenous and Exogenous Carbon Sources During Biochar Degradation Using Radiocarbon and Stable Carbon Isotopes. <i>Radiocarbon</i> , 2019, 61, 573-586.	0.8	3
43	Identifying the "savanna" signature in lacustrine sediments in northern Australia. <i>Quaternary Science Reviews</i> , 2019, 203, 233-247.	1.4	14
44	Automated calibration of laser spectrometer measurements of $\delta^{18}O$ and δ^2H values in water vapour using a Dew Point Generator. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1008-1014.	0.7	2
45	Farming with crops and rocks to address global climate, food and soil security. <i>Nature Plants</i> , 2018, 4, 138-147.	4.7	226
46	The isotopic signature of monsoon conditions, cloud modes, and rainfall type. <i>Hydrological Processes</i> , 2018, 32, 2296-2303.	1.1	20
47	Palaeogeography and voyage modeling indicates early human colonization of Australia was likely from Timor-Roti. <i>Quaternary Science Reviews</i> , 2018, 191, 431-439.	1.4	52
48	Preferential Production and Transport of Grass-Derived Pyrogenic Carbon in NE-Australian Savanna Ecosystems. <i>Frontiers in Earth Science</i> , 2018, 5, .	0.8	17
49	Dynamics of Charcoal Alteration in a Tropical Biome: A Biochar-Based Study. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	9
50	Loss and gain of carbon during char degradation. <i>Soil Biology and Biochemistry</i> , 2017, 106, 80-89.	4.2	21
51	Stable isotope composition of cave guano from eastern Borneo reveals tropical environments over the past 15,000 cal yr BP. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 473, 73-81.	1.0	24
52	Estimating organic carbon content of soil in Papua New Guinea using infrared spectroscopy. <i>Soil Research</i> , 2017, 55, 735.	0.6	5
53	Optimal climate for large trees at high elevations drives patterns of biomass in remote forests of Papua New Guinea. <i>Global Change Biology</i> , 2017, 23, 4873-4883.	4.2	33
54	Complexities in the palaeoenvironmental and archaeological interpretation of isotopic analyses of the Mud Shell <i>Geloina erosa</i> (Lightfoot, 1786). <i>Journal of Archaeological Science: Reports</i> , 2017, 12, 613-624.	0.2	5

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55	Antarctic ice sheet discharge driven by atmosphere-ocean feedbacks at the Last Glacial Termination. <i>Scientific Reports</i> , 2017, 7, 39979.	1.6	33
56	The climate reconstruction potential of <i>Acacia cambagei</i> (gidgee) for semi-arid regions of Australia using stable isotopes and elemental abundances. <i>Journal of Arid Environments</i> , 2017, 136, 19-27.	1.2	16
57	Does soil pyrogenic carbon determine plant functional traits in Amazon Basin forests?. <i>Plant Ecology</i> , 2017, 218, 1047-1062.	0.7	5
58	Amazon Basin forest pyrogenic carbon stocks: First estimate of deep storage. <i>Geoderma</i> , 2017, 306, 237-243.	2.3	29
59	The role of biochar and biochar-compost in improving soil quality and crop performance: A review. <i>Applied Soil Ecology</i> , 2017, 119, 156-170.	2.1	487
60	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.	1.6	18
61	Continuous monitoring of stream $\delta^{18}\text{O}$ and $\delta^2\text{H}$ and stormflow hydrograph separation using laser spectrometry in an agricultural catchment. <i>Hydrological Processes</i> , 2016, 30, 648-660.	1.1	22
62	Barriers and bridges: early human dispersals in equatorial SE Asia. <i>Geological Society Special Publication</i> , 2016, 411, 235-250.	0.8	25
63	Mineralogy, Geochemistry and Stable Isotope Studies of the Dopolan Bauxite Deposit, Zagros Mountain, Iran. <i>Minerals (Basel, Switzerland)</i> , 2016, 6, 11.	0.8	17
64	Leaky savannas: the significance of lateral carbon fluxes in the seasonal tropics. <i>Hydrological Processes</i> , 2016, 30, 873-887.	1.1	12
65	Tree-scale spatial variability of soil carbon cycling in a mature oil palm plantation. <i>Soil Research</i> , 2016, 54, 397.	0.6	6
66	Emission of CO ₂ from tropical riparian forest soil is controlled by soil temperature, soil water content and depth to water table. <i>Soil Research</i> , 2016, 54, 311.	0.6	12
67	Organic carbon isotope and molecular fossil records of vegetation evolution in central Loess Plateau since 450 kyr. <i>Science China Earth Sciences</i> , 2016, 59, 1206-1215.	2.3	15
68	Stable isotopic signature of Australian monsoon controlled by regional convection. <i>Quaternary Science Reviews</i> , 2016, 151, 228-235.	1.4	40
69	Humans, water, and the colonization of Australia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11477-11482.	3.3	40
70	Quantification of pyrogenic carbon in the environment: An integration of analytical approaches. <i>Organic Geochemistry</i> , 2016, 100, 42-50.	0.9	28
71	Soil types influence predictions of soil carbon stock recovery in tropical secondary forests. <i>Forest Ecology and Management</i> , 2016, 376, 74-83.	1.4	39
72	A comprehensive database of quality-rated fossil ages for Sahul's Quaternary vertebrates. <i>Scientific Data</i> , 2016, 3, 160053.	2.4	16

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73	Quantifying Charcoal Degradation and Negative Priming of Soil Organic Matter with a ¹⁴ C-Dead Tracer. <i>Radiocarbon</i> , 2016, 58, 905-919.	0.8	9
74	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. <i>Science of the Total Environment</i> , 2016, 569-570, 869-879.	3.9	130
75	Sclerochronological analysis of archaeological mollusc assemblages: methods, applications and future prospects. <i>Archaeological and Anthropological Sciences</i> , 2016, 8, 359-379.	0.7	26
76	Climate change not to blame for late Quaternary megafauna extinctions in Australia. <i>Nature Communications</i> , 2016, 7, 10511.	5.8	109
77	Crop yield, plant nutrient uptake and soil physicochemical properties under organic soil amendments and nitrogen fertilization on Nitisols. <i>Soil and Tillage Research</i> , 2016, 160, 1-13.	2.6	207
78	What caused extinction of the Pleistocene megafauna of Sahul?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152399.	1.2	41
79	Soil properties, greenhouse gas emissions and crop yield under compost, biochar and co-composted biochar in two tropical agronomic systems. <i>Science of the Total Environment</i> , 2016, 550, 459-470.	3.9	146
80	Benefits of biochar, compost and biochar+compost for soil quality, maize yield and greenhouse gas emissions in a tropical agricultural soil. <i>Science of the Total Environment</i> , 2016, 543, 295-306.	3.9	522
81	Development and effectiveness of an integrated inpatient and community service for challenging behaviour in late life: From Confused and Disturbed Elderly to Transitional Behavioural Assessment and Intervention Service. <i>Dementia</i> , 2016, 15, 1340-1357.	1.0	8
82	Impact of temperature and moisture on heterotrophic soil respiration along a moist tropical forest gradient in Australia. <i>Soil Research</i> , 2015, 53, 286.	0.6	14
83	Biochar from commercially cultivated seaweed for soil amelioration. <i>Scientific Reports</i> , 2015, 5, 9665.	1.6	125
84	Pyrogenic carbon from tropical savanna burning: production and stable isotope composition. <i>Biogeosciences</i> , 2015, 12, 1849-1863.	1.3	40
85	Structural, physiognomic and above-ground biomass variation in savanna+forest transition zones on three continents + how different are co-occurring savanna and forest formations?. <i>Biogeosciences</i> , 2015, 12, 2927-2951.	1.3	63
86	Stable Isotope Anatomy of Tropical Cyclone Ita, North-Eastern Australia, April 2014. <i>PLoS ONE</i> , 2015, 10, e0119728.	1.1	49
87	The influence of C ₃ and C ₄ vegetation on soil organic matter dynamics in contrasting semi-natural tropical ecosystems. <i>Biogeosciences</i> , 2015, 12, 5041-5059.	1.3	19
88	The Pyrogenic Carbon Cycle. <i>Annual Review of Earth and Planetary Sciences</i> , 2015, 43, 273-298.	4.6	336
89	Phosphorus Response and Fertilizer Recommendations for Wheat Grown on Nitisols in the Central Ethiopian Highlands. <i>Communications in Soil Science and Plant Analysis</i> , 2015, 46, 2411-2424.	0.6	9
90	The carbon isotope composition of semi-labile and stable pyrogenic carbon in a thermosequence of C ₃ and C ₄ derived char. <i>Organic Geochemistry</i> , 2015, 81, 20-26.	0.9	8

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91	Bioremediation for coal-fired power stations using macroalgae. <i>Journal of Environmental Management</i> , 2015, 153, 25-32.	3.8	45
92	The ameliorating effects of biochar and compost on soil quality and plant growth on a Ferralsol. <i>Soil Research</i> , 2015, 53, 1.	0.6	90
93	Foliar trait contrasts between African forest and savanna trees: genetic versus environmental effects. <i>Functional Plant Biology</i> , 2015, 42, 63.	1.1	23
94	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. <i>Aging and Mental Health</i> , 2015, 19, 799-807.	1.5	44
95	Influence of feedstock properties and pyrolysis conditions on biochar carbon stability as determined by hydrogen pyrolysis. <i>Biomass and Bioenergy</i> , 2015, 73, 155-173.	2.9	116
96	The biogeochemistry of insectivorous cave guano: a case study from insular Southeast Asia. <i>Biogeochemistry</i> , 2015, 124, 163-175.	1.7	37
97	Biochar and biochar-compost as soil amendments: Effects on peanut yield, soil properties and greenhouse gas emissions in tropical North Queensland, Australia. <i>Agriculture, Ecosystems and Environment</i> , 2015, 213, 72-85.	2.5	267
98	Criteria for assessing the quality of Middle Pleistocene to Holocene vertebrate fossil ages. <i>Quaternary Geochronology</i> , 2015, 30, 69-79.	0.6	31
99	Soil carbon balance following conversion of grassland to oil palm. <i>GCB Bioenergy</i> , 2015, 7, 263-272.	2.5	26
100	Gracilaria waste biomass (sampah rumput laut) as a bioresource for selenium biosorption. <i>Journal of Applied Phycology</i> , 2015, 27, 611-620.	1.5	26
101	Validating Community-Led Forest Biomass Assessments. <i>PLoS ONE</i> , 2015, 10, e0130529.	1.1	9
102	Contrasting photosynthetic characteristics of forest vs. savanna species (Far North Queensland, Australia). <i>Journal of Ecology</i> , 2015, 103, 113-118.	1.3	18
103	Influence of integrated soil fertility management in wheat and tef productivity and soil chemical properties in the highland tropical environment. <i>Journal of Soil Science and Plant Nutrition</i> , 2014, 14, 0-0.	1.7	27
104	Carbon isotopic signatures of soil organic matter correlate with leaf area index across woody biomes. <i>Journal of Ecology</i> , 2014, 102, 1606-1611.	1.9	21
105	Late Pliocene–Pleistocene expansion of C ₄ vegetation in semiarid East Asia linked to increased burning. <i>Geology</i> , 2014, 42, 1067-1070.	2.0	32
106	Continuous shipboard measurements of oceanic δ ¹⁸ O, δ ¹ D and δ ¹³ C _{DIC} along a transect from New Zealand to Antarctica using cavity ring-down isotope spectrometry. <i>Journal of Marine Systems</i> , 2014, 137, 21-27.	0.9	15
107	Carbon Dioxide and Methane Emissions from a Wet-Dry Tropical Floodplain in Northern Australia. <i>Wetlands</i> , 2014, 34, 619-627.	0.7	23
108	Microwave extraction–isotope ratio infrared spectroscopy (ME–IRIS): a novel technique for rapid extraction and online analysis of δ ¹⁸ O and δ ² H values of water in plants, soils and insects. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2151-2161.	0.7	44

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109	Basin-wide variations in Amazon forest nitrogen-cycling characteristics as inferred from plant and soil ¹⁵ N: ¹⁴ N measurements. <i>Plant Ecology and Diversity</i> , 2014, 7, 173-187.	1.0	43
110	Charcoal re-combustion efficiency in tropical savannas. <i>Geoderma</i> , 2014, 219-220, 40-45.	2.3	34
111	The efficiency of charcoal decontamination for radiocarbon dating by three pre-treatments " ABOX, ABA and hypy. <i>Quaternary Geochronology</i> , 2014, 22, 25-32.	0.6	50
112	Large rivers and orogens: The evolution of the Yarlung Tsangpo "Irrawaddy system and the eastern Himalayan syntaxis. <i>Gondwana Research</i> , 2014, 26, 112-121.	3.0	128
113	Contrasting carbon export dynamics of human impacted and pristine tropical catchments in response to a short-lived discharge event. <i>Hydrological Processes</i> , 2014, 28, 1835-1843.	1.1	25
114	High diurnal variation in dissolved inorganic C, $\delta^{13}C$ values and surface efflux of CO ₂ in a seasonal tropical floodplain. <i>Environmental Chemistry Letters</i> , 2013, 11, 399-405.	8.3	17
115	Field-based cavity ring-down spectrometry of $\delta^{13}C$ in soil-respired CO ₂ . <i>Isotopes in Environmental and Health Studies</i> , 2013, 49, 232-242.	0.5	13
116	Direct evidence from hydrolysis for the retention of long alkyl moieties in black carbon fractions isolated by acidified dichromate oxidation. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 103, 232-239.	2.6	13
117	Algal bioproducts derived from suspended solids in intensive land-based aquaculture. <i>Bioresource Technology</i> , 2013, 131, 113-120.	4.8	13
118	Quantifying pyrogenic carbon from thermosequences of wood and grass using hydrogen pyrolysis. <i>Organic Geochemistry</i> , 2013, 62, 28-32.	0.9	35
119	Soil carbon stocks vary predictably with altitude in tropical forests: Implications for soil carbon storage. <i>Geoderma</i> , 2013, 204-205, 59-67.	2.3	99
120	The knowns, known unknowns and unknowns of sequestration of soil organic carbon. <i>Agriculture, Ecosystems and Environment</i> , 2013, 164, 80-99.	2.5	1,143
121	On the delineation of tropical vegetation types with an emphasis on forest/savanna transitions. <i>Plant Ecology and Diversity</i> , 2013, 6, 101-137.	1.0	105
122	Humans, megafauna and environmental change in tropical Australia. <i>Journal of Quaternary Science</i> , 2013, 28, 439-452.	1.1	38
123	Lack of chronological support for stepwise prehuman extinctions of Australian megafauna. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3368.	3.3	19
124	Soil Security: Solving the Global Soil Crisis. <i>Global Policy</i> , 2013, 4, 434-441.	1.0	219
125	Rapid degradation of pyrogenic carbon. <i>Global Change Biology</i> , 2012, 18, 3306-3316.	4.2	136
126	Algal biochar: effects and applications. <i>GCB Bioenergy</i> , 2012, 4, 61-69.	2.5	96

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127	Quantifying the abundance and stable isotope composition of pyrogenic carbon using hydrogen pyrolysis. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 2690-2696.	0.7	39
128	First continuous shipboard $\delta^{18}\text{O}$ and $\delta^2\text{H}$ measurements in sea water by diffusion sampling cavity ring-down spectrometry. <i>Environmental Chemistry Letters</i> , 2012, 10, 301-307.	8.3	25
129	Isotopes in pyrogenic carbon: A review. <i>Organic Geochemistry</i> , 2012, 42, 1529-1539.	0.9	174
130	Temperature sensitivity of tropical forest soil respiration increase along an altitudinal gradient with ongoing decomposition. <i>Geoderma</i> , 2012, 187-188, 8-15.	2.3	32
131	Extreme short-term stable isotope variability revealed by continuous rainwater analysis. <i>Hydrological Processes</i> , 2012, 26, 3630-3634.	1.1	71
132	CADICA: Continuous Automated Dissolved Inorganic Carbon Analyzer with application to aquatic carbon cycle science. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 10-19.	1.0	11
133	Assessment of hydrolysis as a method for the quantification of black carbon using standard reference materials. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 97, 131-147.	1.6	65
134	Recarbonization of the Humid Tropics. , 2012, , 229-252.		2
135	ISO-CADICA: Isotopic continuous, automated dissolved inorganic carbon analyser. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 639-644.	0.7	25
136	Homo 'incendius'. <i>Nature</i> , 2012, 485, 586-587.	13.7	3
137	Variation in soil carbon stocks and their determinants across a precipitation gradient in West Africa. <i>Global Change Biology</i> , 2012, 18, 1670-1683.	4.2	114
138	Variation in soil carbon stocks and their determinants across a precipitation gradient in West Africa. <i>Global Change Biology</i> , 2012, 18, 2676-2676.	4.2	2
139	Can composition and physical protection of soil organic matter explain soil respiration temperature sensitivity?. <i>Biogeochemistry</i> , 2012, 107, 423-436.	1.7	75
140	Utilization of Sugarcane Habitat by Feral Pig (<i>Sus scrofa</i>) in Northern Tropical Queensland: Evidence from the Stable Isotope Composition of Hair. <i>PLoS ONE</i> , 2012, 7, e43538.	1.1	12
141	Woody cover and hominin environments in the past 6 million years. <i>Nature</i> , 2011, 476, 51-56.	13.7	514
142	Fluvial dynamics of dissolved and particulate organic carbon during periodic discharge events in a steep tropical rainforest catchment. <i>Limnology and Oceanography</i> , 2011, 56, 2282-2292.	1.6	53
143	Evidence for bias in C and N concentrations and $\delta^{13}\text{C}$ composition of terrestrial and aquatic organic materials due to pre-analysis acid preparation methods. <i>Chemical Geology</i> , 2011, 282, 67-83.	1.4	214
144	Variability in oxidative degradation of charcoal: Influence of production conditions and environmental exposure. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 2361-2378.	1.6	104

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145	The 10 Australian ecosystems most vulnerable to tipping points. <i>Biological Conservation</i> , 2011, 144, 1472-1480.	1.9	158
146	Alkali extraction of archaeological and geological charcoal: evidence for diagenetic degradation and formation of humic acids. <i>Journal of Archaeological Science</i> , 2011, 38, 69-78.	1.2	80
147	Height-diameter allometry of tropical forest trees. <i>Biogeosciences</i> , 2011, 8, 1081-1106.	1.3	396
148	Carbon sequestration and biodiversity restoration potential of semi-arid mulga lands of Australia interpreted from long-term grazing exclosures. <i>Agriculture, Ecosystems and Environment</i> , 2011, 141, 108-118.	2.5	83
149	Continuous analysis of ^{18}O and δD values of water by diffusion sampling cavity ring-down spectrometry: a novel sampling device for unattended field monitoring of precipitation, ground and surface waters. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3706-3712.	0.7	64
150	Algal biochar " production and properties. <i>Bioresource Technology</i> , 2011, 102, 1886-1891.	4.8	315
151	Evolution of the Irrawaddy delta region since 1850. <i>Geographical Journal</i> , 2010, 176, 138-149.	1.6	44
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