

Brett James Tipple

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

3,526
citations

304743

22
h-index

345221

36
g-index

39
all docs

39
docs citations

39
times ranked

4324
citing authors

#	ARTICLE	IF	CITATIONS
1	The Origins of C ₄ Grasslands: Integrating Evolutionary and Ecosystem Science. <i>Science</i> , 2010, 328, 587-591.	12.6	899
2	Marked Decline in Atmospheric Carbon Dioxide Concentrations During the Paleogene. <i>Science</i> , 2005, 309, 600-603.	12.6	774
3	Carbon isotope ratio of Cenozoic CO ₂ : A comparative evaluation of available geochemical proxies. <i>Paleoceanography</i> , 2010, 25, .	3.0	262
4	The Early Origins of Terrestrial C ₄ Photosynthesis. <i>Annual Review of Earth and Planetary Sciences</i> , 2007, 35, 435-461.	11.0	225
5	Leaf-wax <i>n</i> -alkanes record the plantâ€“water environment at leaf flush. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2659-2664.	7.1	158
6	Environmental control on eastern broadleaf forest speciesâ€™ leaf wax distributions and D/H ratios. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 111, 64-77.	3.9	145
7	$\delta^{13}C$ and δ^2H compositions of <i>n</i> -alkanes from modern angiosperms and conifers: An experimental set up in central Washington State, USA. <i>Organic Geochemistry</i> , 2008, 39, 1066-1071.	1.8	132
8	A 35 Myr North American leaf-wax compound-specific carbon and hydrogen isotope record: Implications for C ₄ grasslands and hydrologic cycle dynamics. <i>Earth and Planetary Science Letters</i> , 2010, 299, 250-262.	4.4	108
9	Distribution of glycerol dialkyl glycerol tetraethers in soils from two environmental transects in the USA. <i>Organic Geochemistry</i> , 2013, 59, 49-60.	1.8	88
10	Coupled high-resolution marine and terrestrial records of carbon and hydrologic cycles variations during the Paleoceneâ€“Eocene Thermal Maximum (PETM). <i>Earth and Planetary Science Letters</i> , 2011, 311, 82-92.	4.4	62
11	Standard methods for <i>Apis mellifera</i> beeswax research. <i>Journal of Apicultural Research</i> , 2019, 58, 1-108.	1.5	57
12	Tap water isotope ratios reflect urban water system structure and dynamics across a semiarid metropolitan area. <i>Water Resources Research</i> , 2016, 52, 5891-5910.	4.2	56
13	Forensic Stable Isotope Biogeochemistry. <i>Annual Review of Earth and Planetary Sciences</i> , 2016, 44, 175-206.	11.0	51
14	Urban water â€“ a new frontier in isotope hydrology. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 477-486.	1.0	47
15	Isolation of strontium pools and isotope ratios in modern human hair. <i>Analytica Chimica Acta</i> , 2013, 798, 64-73.	5.4	45
16	Strontium isotope ratios of human hair record intra-city variations in tap water source. <i>Scientific Reports</i> , 2018, 8, 3334.	3.3	41
17	Strontium isotopes in tap water from the coterminous USA. <i>Ecosphere</i> , 2012, 3, 1-17.	2.2	40
18	Stable hydrogen and oxygen isotopes of tap water reveal structure of the San Francisco Bay Area's water system and adjustments during a major drought. <i>Water Research</i> , 2017, 119, 212-224.	11.3	39

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19	Predicting leaf wax $\delta^{13}C$ and $\delta^{18}O$ ratios: controlled water source and humidity experiments with hydroponically grown trees confirm predictions of the Craig-Keeling-Gordon model. <i>Plant, Cell and Environment</i> , 2015, 38, 1035-1047.	5.7	34
20	Stable Isotopes Trace the Truth: From Adulterated Foods to Crime Scenes. <i>Elements</i> , 2015, 11, 259-264.	0.5	23
21	B-HIVE: Beeswax hydrogen isotopes as validation of environment. Part I: Bulk honey and honeycomb stable isotope analysis. <i>Food Chemistry</i> , 2011, 125, 576-581.	8.2	22
22	Reconstruction of travel history using coupled $\delta^{18}O$ and $\delta^{87}Sr/\delta^{86}Sr$ measurements of hair. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 583-589.	1.5	22
23	Applying the principles of isotope analysis in plant and animal ecology to forensic science in the Americas. <i>Oecologia</i> , 2018, 187, 1077-1094.	2.0	22
24	Stable Isotope Forensics as an Investigative Tool in Missing Persons Investigations. , 2016, , 443-462.		19
25	Isotopic reconnaissance of urban water supply system dynamics. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 6109-6125.	4.9	18
26	Distinctions in heterotrophic and autotrophic-based metabolism as recorded in the hydrogen and carbon isotope ratios of normal alkanes. <i>Oecologia</i> , 2018, 187, 1053-1075.	2.0	17
27	Influence of provenance and preservation on the carbon isotope variations of dispersed organic matter in ancient floodplain sediments. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 4874-4891.	2.5	16
28	Strontium isotope ratios of human hair from the United States: Patterns and aberrations. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 461-472.	1.5	15
29	Stable isotopes in hair reveal dietary protein sources with links to socioeconomic status and health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20044-20051.	7.1	14
30	Fast exchange of strontium between hair and ambient water: Implication for isotopic analysis in provenance and forensic studies. <i>PLoS ONE</i> , 2020, 15, e0233712.	2.5	12
31	Life form-specific gradients in compound-specific hydrogen isotope ratios of modern leaf waxes along a North American Monsoonal transect. <i>Oecologia</i> , 2015, 179, 981-997.	2.0	11
32	Applications of Stable Isotope Forensics for Geolocating Unidentified Human Remains From Past Conflict Situations and Large-Scale Humanitarian Efforts. , 2018, , 175-184.		11
33	Hydrogen and oxygen stable isotope analysis of pollen collected from honey. <i>Grana</i> , 2013, 52, 305-315.	0.8	10
34	The influences of cultivation setting on inflorescence lipid distributions, concentrations, and carbon isotope ratios of Cannabis sp.. <i>Forensic Science International</i> , 2016, 262, 233-241.	2.2	9
35	B-HIVE: Beeswax hydrogen isotopes as validation of environment, part II. Compound-specific hydrogen isotope analysis. <i>Food Chemistry</i> , 2012, 134, 494-501.	8.2	8
36	The potential for application of ink stable isotope analysis in questioned document examination. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2015, 55, 27-33.	2.1	7

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37	Capturing climate variability during our ancestors' earliest days. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1144-1145.	7.1	5
38	Projected reversal of oceanic stable carbon isotope ratio depth gradient with continued anthropogenic carbon emissions. Communications Earth & Environment, 2022, 3, .	6.8	2