

Christopher T Yarnes

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,303
citations

623734

14
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

2256
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Use of Stable Isotopes in Trophic Ecology. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2011, 42, 411-440.	8.3	752
2	Compound-specific $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ analysis of amino acids: a rapid, chloroformate-based method for ecological studies. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 96-108.	1.5	93
3	The relative influence of derivatization and normalization procedures on the compound-specific stable isotope analysis of nitrogen in amino acids. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 693-704.	1.5	78
4	Opinion: Why we need a centralized repository for isotopic data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2997-3001.	7.1	50
5	$\delta^{13}\text{C}$ and $\delta^2\text{H}$ measurement of methane from ecological and geological sources by gas chromatography/combustion/pyrolysis isotope-ratio mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 1036-1044.	1.5	48
6	Mycorrhizal dependency of Chihuahuan Desert plants is influenced by life history strategy and root morphology. <i>Journal of Arid Environments</i> , 2003, 55, 223-229.	2.4	40
7	Defining phytochemical phenotypes: size and shape analysis of phenolic compounds in oaks (Fagaceae). <i>Trends in Plant Science</i> , 2011, 16, 107-111.	1.1	33
8	No simple sum: seasonal variation in tannin phenotypes and leaf-miners in hybrid oaks. <i>Chemoecology</i> , 2008, 18, 39-51.	1.1	32
9	Abiotic factors promote plant heterogeneity and influence herbivore performance and mortality in Gambel's oak (<i>Quercus gambelii</i>). <i>Entomologia Experimentalis Et Applicata</i> , 2005, 114, 87-95.	1.4	31
10	Enantiomeric excesses of chiral amines in ammonia-rich carbonaceous meteorites. <i>Earth and Planetary Science Letters</i> , 2016, 443, 176-184.	4.4	25
11	Fatty Acid- and Amino Acid-Specific Isotope Analysis for Accurate Authentication and Traceability in Organic Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 711-722.	5.2	25
12	Compound-specific $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ analyses of fatty acids and amino acids for discrimination of organic, pesticide-free, and conventional rice (<i>Oryza sativa</i> L.). <i>Food Chemistry</i> , 2019, 283, 305-314.	8.2	19
13	Stable isotopic analysis of pyrogenic organic matter in soils by liquid chromatography-isotope-ratio mass spectrometry of benzene polycarboxylic acids. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3723-3731.	1.5	16
14	Abiotic mosaics affect seasonal variation of plant resources and influence the performance and mortality of a leaf-miner in Gambel's oak (<i>Quercus gambelii</i> , Nutt.). <i>Ecological Research</i> , 2006, 21, 157-163.	1.5	15
15	The soluble organic compounds of the Mukundpura meteorite: A new CM chondrite fall. <i>Planetary and Space Science</i> , 2018, 164, 127-131.	1.7	11
16	The Aguas Zarcas (CM2) meteorite: New insights into early solar system organic chemistry. <i>Meteoritics and Planetary Science</i> , 2020, 55, 1525-1538.	1.6	9
17	Hybridization Affects Seasonal Variation of Phytochemical Phenotypes in an Oak Hybrid Complex (<i>Quercus gambelii</i> – <i>Quercus grisea</i>). <i>International Journal of Plant Sciences</i> , 2008, 169, 567-578.	1.3	7
18	Chiral molecules in space and their possible passage to planetary bodies recorded by meteorites. <i>Earth and Planetary Science Letters</i> , 2018, 496, 198-205.	4.4	7

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19	The role of the gut microbiome in mediating standard metabolic rate after dietary shifts in the viviparous cockroach, <i>Diploptera punctata</i> . Journal of Experimental Biology, 2020, 223, .	1.7	6
20	Improved accuracy of geographical origin identification of shiitake grown in sawdust medium: A compound-specific isotope model-based pilot study. Food Chemistry, 2022, 369, 130955.	8.2	5