# Christopher T Yarnes

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | 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 |
| 2 | The Aguas Zarcas (CM2) meteorite: New insights into early solar system organic chemistry. Meteoritics and Planetary Science, 2020, 55, 1525-1538. | 1.6 | 9 |
| 3 | The role of the gut microbiome in mediating standard metabolic rate after dietary shifts in the viviparous cockroach,Diploptera punctata. Journal of Experimental Biology, 2020, 223, . | 1.7 | 6 |
| 4 | Compound-specific Î´13C and Î´15N analyses of fatty acids and amino acids for discrimination of organic, pesticide-free, and conventional rice (Oryza sativa L.). Food Chemistry, 2019, 283, 305-314. | 8.2 | 19 |
| 5 | Fatty Acid- and Amino Acid-Specific Isotope Analysis for Accurate Authentication and Traceability in Organic Milk. Journal of Agricultural and Food Chemistry, 2019, 67, 711-722. | 5.2 | 25 |
| 6 | The soluble organic compounds of the Mukundpura meteorite: A new CM chondrite fall. Planetary and Space Science, 2018, 164, 127-131. | 1.7 | 11 |
| 7 | Chiral molecules in space and their possible passage to planetary bodies recorded by meteorites. Earth and Planetary Science Letters, 2018, 496, 198-205. | 4.4 | 7 |
| 8 | The relative influence of derivatization and normalization procedures on the compoundâ€specific stable isotope analysis of nitrogen in amino acids. Rapid Communications in Mass Spectrometry, 2017, 31, 693-704. | 1.5 | 78 |
| 9 | Opinion: Why we need a centralized repository for isotopic data. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2997-3001. | 7.1 | 50 |
| 10 | Enantiomeric excesses of chiral amines in ammonia-rich carbonaceous meteorites. Earth and Planetary Science Letters, 2016, 443, 176-184. | 4.4 | 25 |
| 11 | Compoundâ€specific Î´<sup>13</sup>C and Î´<sup>15</sup>N analysis of amino acids: a rapid, chloroformateâ€based method for ecological studies. Rapid Communications in Mass Spectrometry, 2014, 28, 96-108. | 1.5 | 93 |
| 12 | Î´<sup>13</sup>C and Î´<sup>2</sup>H measurement of methane from ecological and geological sources by gas chromatography/combustion/pyrolysis isotopeâ€ratio mass spectrometry. Rapid Communications in Mass Spectrometry, 2013, 27, 1036-1044. | 1.5 | 48 |
| 13 | On the Use of Stable Isotopes in Trophic Ecology. Annual Review of Ecology, Evolution, and Systematics, 2011, 42, 411-440. | 8.3 | 752 |
| 14 | Stable isotopic analysis of pyrogenic organic matter in soils by liquid chromatographyâ€“isotopeâ€ratio mass spectrometry of benzene polycarboxylic acids. Rapid Communications in Mass Spectrometry, 2011, 25, 3723-3731. | 1.5 | 16 |
| 15 | No simple sum: seasonal variation in tannin phenotypes and leaf-miners in hybrid oaks. Chemoecology, 2008, 18, 39-51. | 1.1 | 32 |
| 16 | Hybridization Affects Seasonal Variation of Phytochemical Phenotypes in an Oak Hybrid Complex (Quercus gambelii Ã— Quercus grisea). International Journal of Plant Sciences, 2008, 169, 567-578. | 1.3 | 7 |
| 17 | Defining phytochemical phenotypes: size and shape analysis of phenolic compounds in oaks (Fagaceae,) Tj ETQq1 1 0.784314 rgBT /O | 1.1 | 33 |
| 18 | Abiotic mosaics affect seasonal variation of plant resources and influence the performance and mortality of a leaf-miner in Gambelâ€™s oak (Quercus gambelii, Nutt.). Ecological Research, 2006, 21, 157-163. | 1.5 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Abiotic factors promote plant heterogeneity and influence herbivore performance and mortality in Gambel's oak (Quercus gambelii). Entomologia Experimentalis Et Applicata, 2005, 114, 87-95. | 1.4 | 31 |
| 20 | Mycorrhizal dependency of Chihuahuan Desert plants is influenced by life history strategy and root morphology. Journal of Arid Environments, 2003, 55, 223-229. | 2.4 | 40 |