

Benita Claire Percival

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

440
citations

11
h-index

20
g-index

30
ext. papers

634
ext. citations

5.7
avg, IF

4.15
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 25 | Comparative ¹ H NMR-Based Chemometric Evaluations of the Time-Dependent Generation of Aldehydic Lipid Oxidation Products in Culinary Oils Exposed to Laboratory-Simulated Shallow Frying Episodes: Differential Patterns Observed for Omega-3 Fatty Acid-Containing Soybean Oils. <i>Food Research International</i> , 2021 , 117, 109554 | 4.9 | 3 |
| 24 | Commentary: Iconoclastic Reflections on the Safety of Polyunsaturated Fatty Acid-Rich Culinary Frying Oils: Some Cautions regarding the Laboratory Analysis and Dietary Ingestion of Lipid Oxidation Product Toxins. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2351 | 2.6 | 3 |
| 23 | Rapid Identification of New Biomarkers for the Classification of GM1 Type 2 Gangliosidosis Using an Unbiased ¹ H NMR-Linked Metabolomics Strategy. <i>Cells</i> , 2021 , 10, 1511 | 7.9 | 1 |
| 22 | Validation testing to determine the sensitivity of lateral flow testing for asymptomatic SARS-CoV-2 detection in low prevalence settings: Testing frequency and public health messaging is key. <i>PLoS Biology</i> , 2021 , 19, e3001216 | 9.7 | 26 |
| 21 | Low-field benchtop NMR spectroscopy as a potential non-stationary tool for point-of-care urinary metabolite tracking in diabetic conditions. <i>Diabetes Research and Clinical Practice</i> , 2021 , 171, 108554 | 7.4 | 3 |
| 20 | S-Variant SARS-CoV-2 Lineage B.1.1.7 Is Associated With Significantly Higher Viral Load in Samples Tested by TaqPath Polymerase Chain Reaction. <i>Journal of Infectious Diseases</i> , 2021 , 223, 1666-1670 | 7 | 121 |
| 19 | Preliminary demonstration of benchtop NMR metabolic profiling of feline urine: chronic kidney disease as a case study.. <i>BMC Research Notes</i> , 2021 , 14, 469 | 2.3 | 1 |
| 18 | Extensive Chemometric Investigations of Distinctive Patterns and Levels of Biogenic Amines in Fermented Foods: Human Health Implications. <i>Foods</i> , 2020 , 9, 1005 | 4.9 | 1 |
| 17 | How to establish an academic SARS-CoV-2 testing laboratory. <i>Nature Microbiology</i> , 2020 , 5, 1452-1454 | 26.6 | 14 |
| 16 | Evaluations of the Peroxidative Susceptibilities of Cod Liver Oils by a ¹ H NMR Analysis Strategy: Peroxidative Resistivity of a Natural Collagenous and Biogenic Amine-Rich Fermented Product. <i>Nutrients</i> , 2020 , 12, 1005 | 6.7 | 5 |
| 15 | Benchtop Low-Frequency 60 MHz NMR Analysis of Urine: A Comparative Metabolomics Investigation. <i>Metabolites</i> , 2020 , 10, 1005 | 5.6 | 15 |
| 14 | State-of-the-Art Metabolomics Investigations of Type 2 Diabetes 2020 , 265-282 | | |
| 13 | G-Protein coupled receptors: structure and function in drug discovery.. <i>RSC Advances</i> , 2020 , 10, 36337-36348 | 3.7 | 7 |
| 12 | Characterization of yellow root cassava and food products: investigation of cyanide and β -carotene concentrations. <i>BMC Research Notes</i> , 2020 , 13, 333 | 2.3 | 2 |
| 11 | Potential Advantages of Peroxoborates and Their Ester Adducts Over Hydrogen Peroxide as Therapeutic Agents in Oral Healthcare Products: Chemical/Biochemical Reactivity Considerations , And. <i>Dentistry Journal</i> , 2020 , 8, 1005 | 3.1 | 3 |
| 10 | Metabolomic Studies of Lipid Storage Disorders, with Special Reference to Niemann-Pick Type C Disease: A Critical Review with Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2020 , 21, 1005 | 6.3 | 7 |
| 9 | Potential Adverse Public Health Effects Afforded by the Ingestion of Dietary Lipid Oxidation Product Toxins: Significance of Fried Food Sources. <i>Nutrients</i> , 2020 , 12, 1005 | 6.7 | 28 |

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| 8 | Toxic aldehyde generation in and food uptake from culinary oils during frying practices: peroxidative resistance of a monounsaturate-rich algae oil. <i>Scientific Reports</i> , 2019 , 9, 4125 | 4.9 | 22 |
| 7 | Progress in low-field benchtop NMR spectroscopy in chemical and biochemical analysis. <i>Analytica Chimica Acta</i> , 2019 , 1067, 11-30 | 6.6 | 52 |
| 6 | Benchtop NMR Spectroscopy and Spectral Analysis of the cis- and trans-Stilbene Products of the Wittig Reaction. <i>Journal of Chemical Education</i> , 2019 , 96, 1938-1947 | 2.4 | 15 |
| 5 | Molecular Composition of and Potential Health Benefits Offered by Natural East African Virgin Sunflower Oil Products: A 400 MHz 1H NMR Analysis Study. <i>International Journal of Nutrition</i> , 2019 , 3, 22-43 | 2.2 | 4 |
| 4 | Characterisation of peroxidation products arising from culinary oils exposed to continuous and discontinuous thermal degradation processes. <i>Food and Function</i> , 2019 , 10, 7952-7966 | 6.1 | 9 |
| 3 | Low-Field, Benchtop NMR Spectroscopy as a Potential Tool for Point-of-Care Diagnostics of Metabolic Conditions: Validation, Protocols and Computational Models. <i>High-Throughput</i> , 2018 , 8, | 4.3 | 46 |
| 2 | Validation testing to determine the effectiveness of lateral flow testing for asymptomatic SARS-CoV-2 detection in low prevalence settings | | 6 |
| 1 | S-variant SARS-CoV-2 is associated with significantly higher viral loads in samples tested by ThermoFisher TaqPath RT-QPCR | | 22 |