

# Russell Frew

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

2,098  
citations

933447

10  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2444  
citing authors

#	ARTICLE	IF	CITATIONS
1	Milk Powder Extraction: Optimization of Conditions for the Water-Soluble Metabolites by Proton Nuclear Magnetic Resonance ( <sup>1</sup> H-NMR). <i>Analytical Letters</i> , 2022, 55, 1-10.	1.8	1
2	Stable Isotope and Element Profiling for Determining the Agroclimatic Origin of Cow Milk within a Tropical Country. <i>Foods</i> , 2022, 11, 275.	4.3	8
3	Optimization of nuclear magnetic resonance and gas chromatography-mass spectrometry-based fingerprinting methods to characterize goat milk powder. <i>Journal of Dairy Science</i> , 2021, 104, 102-111.	3.4	9
4	Milk biomarkers in relation to inherent and external factors based on metabolomics. <i>Trends in Food Science and Technology</i> , 2021, 109, 51-64.	15.1	27
5	Natal origin of the invasive biosecurity pest, brown marmorated stink bug ( <i>Halyomorpha halys</i> : ) Tj ETQq1 1 0.784314 rgBT /Overlock Science, 2020, 76, 1456-1463.	3.4	4
6	Impact of freeze-drying and subsequent storage on milk metabolites based on <sup>1</sup> H NMR and UHPLC-QToF/MS. <i>Food Control</i> , 2020, 116, 107017.	5.5	20
7	Changes in milk metabolome during the lactation of dairy cows based on <sup>1</sup> H NMR and UHPLC-QToF/MS. <i>International Dairy Journal</i> , 2020, 111, 104836.	3.0	6
8	Feasibility of Casein to Record Stable Isotopic Variation of Cow Milk in New Zealand. <i>Molecules</i> , 2020, 25, 3658.	3.8	7
9	Effects of the vat pasteurization process and refrigerated storage on the bovine milk metabolome. <i>Journal of Dairy Science</i> , 2020, 103, 2077-2088.	3.4	22
10	A <sup>2</sup> H Isoscape of blackberry as an example application for determining the geographic origins of plant materials in New Zealand. <i>PLoS ONE</i> , 2019, 14, e0226152.	2.5	5
11	Seismic Characterization of Oceanic Water Masses, Water Mass Boundaries, and Mesoscale Eddies SE of New Zealand. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 1519-1532.	2.6	10
12	Lipidomics profiling of goat milk, soymilk and bovine milk by UPLC-Q-Exactive Orbitrap Mass Spectrometry. <i>Food Chemistry</i> , 2017, 224, 302-309.	8.2	119
13	The application of <sup>1</sup> H-NMR based milk metabolite analysis in milk authenticity identification. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 2875-2882.	3.5	47
14	The Geographic Origin of an Intercepted Biosecurity Pest Beetle Assigned Using Hydrogen Stable Isotopes. <i>Journal of Economic Entomology</i> , 2015, 108, 834-837.	1.8	8
15	Influence of feed and water on the stable isotopic composition of dairy milk. <i>International Dairy Journal</i> , 2015, 47, 37-45.	3.0	20
16	Isotopes and Trace Elements as Natal Origin Markers of <i>Helicoverpa armigera</i> – An Experimental Model for Biosecurity Pests. <i>PLoS ONE</i> , 2014, 9, e92384.	2.5	35
17	Macronutrient and trace-metal geochemistry of an in situ iron-induced Southern Ocean bloom. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2001, 48, 2467-2481.	1.4	68
18	A mesoscale phytoplankton bloom in the polar Southern Ocean stimulated by iron fertilization. <i>Nature</i> , 2000, 407, 695-702.	27.8	1,417

#	ARTICLE	IF	CITATIONS
19	Role of iron, light, and silicate in controlling algal biomass in subantarctic waters SE of New Zealand. <i>Journal of Geophysical Research</i> , 1999, 104, 13395-13408.	3.3	265