THE UNIVERSITY OF BRITISH COLUMBIA
Faculty of Land and Food Systems

Faculty Research Publications in Five Priority Areas
Nov. 2023-Oct. 2024[1]

Priority Area: Addressing Climate Change and Resilient Food Systems

1. Barrientos-Sanhueza, C., Zurita-Silva, A., **Knipfer, T.**, McElrone, A. J., & Cuneo, I. F. (2024). Unique root hydraulic and mechanical properties support the resilience of grapevines adapted to the Atacama Desert. *Plant, Cell & Environment*, *n/a*(n/a). https://doi.org/10.1111/pce.15085
2. Benveniste, H., Huybers, P., & **Proctor, J.** (2024). *Global Climate Migration is a Story of Who, Not Just How Many* (SSRN Scholarly Paper 4925994). Social Science Research Network. https://doi.org/10.2139/ssrn.4925994
3. Brock, S., Baker, L., Jekums, A., Ahmed, F., Fernandez, M., Montenegro de Wit, M., Rosado-May, F. J., Méndez, V. E., Anderson, C. R., DeClerck, F., Anderson, M. D., Bezner Kerr, R., Hoare, B., **Wittman, H.**, Peeters, A., Gubbels, P., Stancu, C., Bellon, S., Lundgren, J. G., ⋯ Rogé, P. (2024). Knowledge democratization approaches for food systems transformation. *Nature Food*, *5*(5), 342–345. https://doi.org/10.1038/s43016-024-00966-3
4. **Fausak, L.**, **Bridson, N.**, Diaz-Osorio, F., **Jassal, R. S.**, & **Lavkulich, L. M.** (2024). Soil Health -A Perspective. *Frontiers in Soil Science*, *4*. https://doi.org/10.3389/fsoil.2024.1462428
5. Lee, S.-C., Meyer, G., Foord, V. N., Spittlehouse, D. L., Burton, P. J., **Jassal, R. S.**, & **Black, T. A.** (2024). Disruption and recovery of carbon dioxide and water vapour exchange over British Columbia forests after natural and human disturbance. *Agricultural and Forest Meteorology*, *355*, 110128. https://doi.org/10.1016/j.agrformet.2024.110128
6. Lefebvre, D., **Cornelis, J.-T.**, Meersmans, J., Edgar, J., Hamilton, M., & Bi, X. (2023). Environmental factors controlling biochar climate change mitigation potential in British Columbia's agricultural soils. *GCB Bioenergy*, *16*(1), e13109. https://doi.org/10.1111/gcbb.13109
7. Marchesan, A. J., Guenette, K., **Fausak, L. K.**, & Hernandez Ramirez, G. (2024). Measurements of Soil Water Potential and Conductivity based on a Simple Evaporation Experiment using a Hydraulic Property Analyzer. *Journal of Visualized Experiments*, *210*, e66942. https://doi.org/10.3791/66942

[1] Source: Google Scholar, with Google Alerts set up with the names of the faculty members.

8. **Proctor, J.**, Vargas Zeppetello, L., Chan, D., & Huybers, P. (2024). *Climate Change Increases the Interannual Variance of Summer Crop Yields Globally* (SSRN Scholarly Paper 4951187). Social Science Research Network. https://doi.org/10.2139/ssrn.4951187
9. **Wang, C.**, & Kuzyakov, Y. (2024a). "Energy and enthalpy" for microbial energetics in soil. *Global Change Biology*, *30*(2), e17184. https://doi.org/10.1111/gcb.17184
10. **Wang, C.**, & Kuzyakov, Y. (2024b). Mechanisms and implications of bacterial‐fungal competition for soil resources. *The ISME Journal*, *18*(1), wrae073. https://doi.org/10.1093/ismejo/wrae073
11. **Wang, C.**, & Kuzyakov, Y. (2024c). Soil organic matter priming: The pH effects. *Global Change Biology*, *30*(6), e17349. https://doi.org/10.1111/gcb.17349
12. Wong, A., **Frommel, A. Y.**, Sumaila, U. R., & Cheung, W. W. L. (2024). A traits-based approach to assess aquaculture's contributions to food, climate change, and biodiversity goals. *Npj Ocean Sustainability*, *3*(1), 1‐13. https://doi.org/10.1038/s44183-024-00065-7
13. **Yada, R. Y.**, Acker, R. van, Scanlon, M., & Gray, D. (2024). *Future Food Systems* (1st ed.). Elsevier. https://shop.elsevier.com/books/future-food-systems/yada/978-0-443-15690-8

Priority Area: Ending Hunger and Improving Food Security

1. **Barichello, R. R.**, **Vercammen, J.,** & Zammit-Maempel, B. (2024). Are milk quota prices a rational investment? Modeling quotas as financial assets. *Canadian Journal of Agricultural Economics/Revue Canadienne d'agroeconomie*, *n/a*(n/a). https://doi.org/10.1111/cjag.12369
2. Hopewell, K., & **Margulis, M. E.** (2023). Global trade rules threaten food security amid climate shocks. *Earth System Governance*, *18*, 100198. https://doi.org/10.1016/j.esg.2023.100198
3. Larsen, A. E., Engist, D., & **Noack, F.** (2024). The long shadow of biodiversity loss. *Science*, *385*(6713), 1042‐1044. https://doi.org/10.1126/science.adq2373
4. **Noack, F.**, Engist, D., Gantois, J., Gaur, V., **Hyjazie, B. F.,** Larsen, A., M'Gonigle, L. K., Missirian, A., Qaim, M., **Sargent, R. D.**, Souza-Rodrigues, E., & Kremen, C. (2024). Environmental impacts of genetically modified crops. *Science*, *385*(6712), eado9340. https://doi.org/10.1126/science.ado9340
5. Sumaila, U. R., Wabnitz, C. C. C., Teh, L. S. L., Teh, L. C. L., Lam, V. W. Y., Sumaila, H., Cheung, W. W. L., Issifu, I., Hopewell, K., Cinner, J. E., Bennett, N. J., Folke, C., **Gulati, S.**, & Polasky, S. (2024). Utilizing basic income to create a sustainable, poverty-free tomorrow. *Cell Reports Sustainability*, *1*(6). https://doi.org/10.1016/j.crsus.2024.100104

Priority Area: Enhancing Regional Agriculture for Sustainable Cities

1. **Aiyer, H. S.**, McKenzie-Gopsill, A., Mills, A., & Foster, A. J. (2024). Select Cover Crop Residue and Soil Microbiomes Contribute to Suppression of Fusarium Root and Crown Rot in Barley and Soybean. *Microorganisms*, *12*(2), Article 2. https://doi.org/10.3390/microorganisms12020404
2. Arbor, A., Schmidt, M., Saurette, D., Zhang, J., Bulmer, C., Filatow, D., Kasraei, B., **Smukler, S.**, & Heung, B. (2023). A framework for recalibrating pedotransfer functions using nonlinear least squares and estimating uncertainty using quantile regression. *Geoderma*, *439*, 116674. https://doi.org/10.1016/j.geoderma.2023.116674
3. Arbor, A., Schmidt, M., Zhang, J., Bulmer, C., Filatow, D., Kasraei, B., **Smukler, S.**, & Heung, B. (2024). Filling the gaps in soil data: A multi-model framework for addressing data gaps using pedotransfer functions and machine-learning with uncertainty estimates to estimate bulk density. *CATENA*, *245*, 108310. https://doi.org/10.1016/j.catena.2024.108310
4. Duarte, Brian. P., **Abbasi, Mehrdad.**, & Hamelin, R. C. (2024). First Report of Gymnotelium blasdaleanum Causing Saskatoon Serviceberry Rust in Canada. *Plant Disease*, *108*(3), 817. https://doi.org/10.1094/PDIS-12-23-2689-PDN
5. Engist, D., Guzman, L. M., Larsen, A., Church, T., & **Noack, F.** (2024). The impact of genetically modified crops on bird diversity. *Nature Sustainability*, 1‑11. https://doi.org/10.1038/s41893-024-01390-y
6. Gibson, G. a. P., Uriel, Y., **Sherwood, J.**, Abram, P. K., Gariepy, T. D., Zhang, Y. M., Baur, H., Gates, M., & Franklin, M. T. (2024). The species of Pteromalus Swederus in America north of Mexico with a 4:4 mandibular formula, and description of a potential biocontrol agent of the introduced pest Anthonomus rubi (Herbst) (Coleoptera: Curculionidae). *Zootaxa*, *5501*(2), Article 2. https://doi.org/10.11646/zootaxa.5501.2.1
7. **Hyjazie, B. F.**, & Forrest, J. R. K. (2024). Supplemental nesting habitat increases bee abundance in apple orchards. *Journal of Applied Ecology*, *n/a*(n/a). https://doi.org/10.1111/1365-2664.14570
8. **Hyjazie, B. F.**, & **Sargent, R. D.** (2024). Manipulation of soil mycorrhizal fungi influences floral traits. *New Phytologist*, *242*(2), 675‑686. https://doi.org/10.1111/nph.19625
9. Jayakodi, M., Lu, Q., Pidon, H., Rabanus-Wallace, M. T., Bayer, M., Lux, T., Guo, Y., Jaegle, B., Badea, A., Bekele, W., **Brar, G. S.**, Braune, K., Bunk, B., Chalmers, K. J., Chapman, B., Jørgensen, M. E., Feng, J.-W., Feser, M., Fiebig, A., ⋯ Stein, N. (2024). *Adaptive diversification through structural variation in barley* (p. 2024.02.14.580266). bioRxiv. https://doi.org/10.1101/2024.02.14.580266
10. Kersey, J. H., Shekhar Paul, S., Dowell, L., **Krzic, M.**, & **Smukler, S. M.** (2024). 25-years of stewardship programs enhance regenerative outcomes in river delta soils of southwestern

British Columbia, Canada. *Geoderma*, *443*, 116808. https://doi.org/10.1016/j.geoderma.2024.116808

11. Klassen, S., Luna-Perez, E., Bridson, N., Castrejón Violante, L., **Wittman, H.**, & Ramankutty, N. (2023). Beyond equivalency: Comparing governance and sustainability of three North American organic standards. *Agroecology and Sustainable Food Systems*, *47*(10), 1607–1633. https://doi.org/10.1080/21683565.2023.2254717

12. **Knoerr, S. A.**, Rivest, S., Hotchkiss, M. Z., & Forrest, J. R. K. (2024). Impacts of Asteraceae pollen spines on bumble bee survival and larval growth. *Arthropod-Plant Interactions*, *18*(3), 417–424. https://doi.org/10.1007/s11829-024-10058-5

13. Larsen, A. E., **Noack, F.**, & Powers, L. C. (2024). Spillover effects of organic agriculture on pesticide use on nearby fields. *Science*, *383*(6689), eadf2572. https://doi.org/10.1126/science.adf2572

14. Larsen, A., **Noack, F.**, & Powers, C. (2024). *Data for: Spillover effects of organic agriculture on pesticide use on nearby fields* [Dataset]. Borealis. https://doi.org/10.5683/SP3/UUBGVK

15. Liu, P., Wang, D., Li, Y., Liu, J., Cui, Y., Liang, G., Wang, C., **Wang, C.**, Moorhead, D. L., & Chen, J. (2024). Crop Conversion from Annual to Perennials: An Effective Strategy to Affect Soil Multifunctionality. *Agronomy*, *14*(3), Article 3. https://doi.org/10.3390/agronomy14030594

16. Mencuccini, M., Anderegg, W. R. L., Binks, O., **Knipfer, T.**, Konings, A. G., Novick, K., Poyatos, R., & Martínez-Vilalta, J. (2024). A new empirical framework to quantify the hydraulic effects of soil and atmospheric drivers on plant water status. *Global Change Biology*, *30*(3), e17222. https://doi.org/10.1111/gcb.17222

17. **Mitchell, M. G. E.**, Qiu, J., Cardinale, B. J., Chan, K. M. A., Eigenbrod, F., Felipe-Lucia, M. R., Jacob, A. L., Jones, M. S., & Sonter, L. J. (2024). Key questions for understanding drivers of biodiversity-ecosystem service relationships across spatial scales. *Landscape Ecology*, *39*(2), 36. https://doi.org/10.1007/s10980-024-01842-y

18. Neven, L. G., Walker, W. B., III, **Gowton, C.**, & **Carrillo, J.** (2024). Using eDNA to play whack-a-mole with invasive species in green yard waste. *Journal of Economic Entomology*, *117*(3), 918–927. https://doi.org/10.1093/jee/toae090

19. Nyamaizi, S., Messiga, A. J., **Cornelis, J.-T.**, **Smukler, S. M.**, & Cade-Menun, B. J. (2023). Mineral phosphorus fertilization for silage corn in manured soils in the Fraser Valley, Canada. *Agronomy Journal*, *116*(1), 362–379. https://doi.org/10.1002/agj2.21517

20. **Pow, P. K. C.**, **Jassal, R. S.**, Johnson, M., **Smukler, S.**, **Nesic, Z.**, & **Black, T. A.** (2024). The carbon balance and water use efficiency of an intensively managed forage crop in the Lower Fraser Valley in British Columbia, Canada. *Agricultural and Forest Meteorology*, *357*, 110178. https://doi.org/10.1016/j.agrformet.2024.110178

21. Rasmussen, L. V., Grass, I., Mehrabi, Z., Smith, O. M., Bezner-Kerr, R., Blesh, J., Garibaldi, L. A., Isaac, M. E., Kennedy, C. M., **Wittman, H.**, Batáry, P., Buchori, D., Cerda, R., Chará,

J., Crowder, D. W., Darras, K., DeMaster, K., Garcia, K., Gómez, M., ⋯ Kremen, C. (2024). Joint environmental and social benefits from diversified agriculture. *Science*, *384*(6691), 87‑93. https://doi.org/10.1126/science.adj1914

22. Riekhof, M.-C., & **Noack, F.** (2024). Nature’ s decline and recovery−Structural change, regulatory costs, and the onset of resource use regulation. *Journal of Environmental Economics and Management*, *125*, 102947. https://doi.org/10.1016/j.jeem.2024.102947
23. **Sargent, R.**, & **Hyjazie, B.** (2024). *Data from: Manipulation of soil mycorrhizal fungi Influences floral display traits* [Dataset]. Borealis. https://doi.org/10.5683/SP3/HNKKQ5
24. Torkaman, P., Yoshimura, A., **Lavkulich, L. M.**, & Veiga, M. M. (2023). Experimenting with Dimethyl Sulfoxide to Leach Gold from a Colombian Artisanal Gold Ore. *Metals*, *13*(11), Article 11. https://doi.org/10.3390/met13111855
25. Wong, W. H. L., Firlej, A., Perlman, S. J., Hueppelsheuser, T., Moreau, D., M. Renkema, J., Girod, P., Acheampong, S., Moffat, C. E., Brodeur, J., **Carrillo, J.**, Franklin, M., & Abram, P. K. (2024). Drosophila suzukii (Matsumura), Spotted-wing Drosophila / Drosophile à ailes tachetées (Diptera: Drosophilidae). *Biological Control Programmes in Canada, 2013-2023*, 220‑231. https://doi.org/10.1079/9781800623279.0023
26. Xiao, L., Huang, W., **Carrillo, J.**, Ding, J., & Siemann, E. (2024). Interactive effects of soils, local environmental conditions and herbivores on secondary chemicals in tallow tree. *Journal of Plant Ecology*, rtae062. https://doi.org/10.1093/jpe/rtae062

Priority Area: Promoting Nutrition and Wellbeing for Healthier Communities

1. Aayush, K., Sharma, K., Singh, G. P., Chiu, I., Chavan, P., Shandilya, M., Roy, S., Ye, H., Sharma, S., & **Yang, T.** (2024). Development and characterization of edible and active coating based on xanthan gum nanoemulsion incorporating betel leaf extract for fresh produce preservation. *International Journal of Biological Macromolecules*, *270*, 132220. https://doi.org/10.1016/j.ijbiomac.2024.132220
2. Adams, J. C., Price, O. J., Rogers, N., Rounds, S., Taruno, A., Theiss, A. L., Uchida, S., & **Wright, D. C.** (2023). Physiological Reports celebrates its first 10 years. *Physiological Reports*, *11*(23), e15874. https://doi.org/10.14814/phy2.15874
3. Ahmed, W., Shabbir, M. A., Aadil, R. M., Zia, M. A., & **Pratap-Singh, A.** (2023). Mitigating Postfrying Degradation Factors of Fats and Oils through the Development of Bagasse-Based Adsorbent. *Journal of Food Quality*, *2023*, e8392674. https://doi.org/10.1155/2023/8392674
4. Alves, I. A., **Jessri, M., Monteiro, L. S**., Gomes, L. E. da S., Lopes, T. de S., Yokoo, E. M., Sichieri, R., & Pereira, R. A. (2024a). Energy-Dense and Low-Fiber Dietary Pattern May Be a Key Contributor to the Rising Obesity Rates in Brazil. *International Journal of*

Environmental Research and Public Health, *21*(8), Article 8. https://doi.org/10.3390/ijerph21081038

5. Alves, I. A., **Jessri, M., Monteiro, L. S**., Gomes, L. E. da S., Lopes, T. de S., Yokoo, E. M., Sichieri, R., & Pereira, R. A. (2024b). *Energy-Dense and Low-Fiber Dietary Pattern May Explain the Increasing Obesity Prevalence in Adults in Brazil: An Analysis of the 2017–2018 National Dietary Survey* (2024061714). Preprints. https://doi.org/10.20944/preprints202406.1714.v1

6. Amiri, A., Mousakhani Ganjeh, A., Pinto, C. A., Saraiva, J. A., & **Pratap-Singh, A.** (2024). Applications of Microwaves in Meat Industries. In A. Pratap Singh, F. Erdogdu, S. Wang, & H. S. Ramaswamy (Eds.), *Microwave Processing of Foods: Challenges, Advances and Prospects: Microwaves and Food* (pp. 579–590). Springer International Publishing. https://doi.org/10.1007/978-3-031-51613-9_29

7. Baldassi, C., Lee, C., Dossett, M., & **Castellarin, S. D.** (2024). High-throughput color determination of red raspberry puree and correlation of color parameters with total anthocyanins. *Plant Methods*, *20*(1), 78. https://doi.org/10.1186/s13007-024-01197-0

8. **Baldelli, A.**, Arrieta, A. L., & **Pratap-Singh, A.** (2024). Inhibition of Metal-Polyphenol Complex in Tea Fortified with Encapsulated Iron. *Food and Bioprocess Technology*. https://doi.org/10.1007/s11947-024-03561-3

9. **Baldelli, A.**, Jerry Wong, C. Y., Oguzlu, H., Gholizadeh, H., Guo, Y., Ong, H. X., Singh, A., Traini, D., & **Pratap-Singh, A.** (2024). Nasal delivery of encapsulated recombinant ACE2 as a prophylactic drug for SARS-CoV-2. *International Journal of Pharmaceutics*, *655*, 124009. https://doi.org/10.1016/j.ijpharm.2024.124009

10. **Baldelli, A.**, Pico, J., Woo, M. W., Castellarin, S., & **Pratap-Singh, A.** (2024). Spray dried powder of common fruit juices: Enhancement of main properties. *Powder Technology*, 119560. https://doi.org/10.1016/j.powtec.2024.119560

11. **Baldelli, A.**, Poznikoff, A., Heieis, K., & Purdy, R. (2024). Evaluation of Personal Protective Equipment Using Low-cost Aerosol Monitors. *Aerosol and Air Quality Research*, *24*, 230323. https://doi.org/10.4209/aaqr.230323

12. Barlow, R., McNulty, H., Hughes, C., Pentieva, K., Horigan, G., **Lamers, Y.**, & Ward, M. (2024). Is the Generation of Active Vitamin B6 Dependent upon Riboflavin Status? New Analysis of Data from RCTs of Riboflavin Supplementation. *Proceedings*, *91*(1), Article 1. https://doi.org/10.3390/proceedings2023091436

13. Batubo, N. P., Auma, C. I., Moore, J. B., & **Zulyniak, M. A.** (2024a). Relative Validity and Reproducibility of a Dietary Screening Tool in Nigerian Health Care. *Current Developments in Nutrition*, *8*(10). https://doi.org/10.1016/j.cdnut.2024.104459

14. Batubo, N. P., Auma, C. I., Moore, J. B., & **Zulyniak, M. A.** (2024b). The Nigerian Dietary Screening Tool: A Step toward Improved Patient-Clinician Communication in Nigerian Hospitals: A Pilot Implementation Study. *Nutrients*, *16*(14), Article 14. https://doi.org/10.3390/nu16142286

15. Batubo, N. P., Nwanze, N. M., Alikor, C. A., Auma, C. I., Moore, J. B., & **Zulyniak, M. A.** (2024). Empowering healthcare professionals in West Africa−A feasibility study and qualitative assessment of a dietary screening tool to identify adults at high risk of hypertension. *PLOS ONE*, *19*(4), e0294370. https://doi.org/10.1371/journal.pone.0294370

16. Bhandare, S., Lawal, O. U., Colavecchio, A., Cadieux, B., Zahirovich-Jovich, Y., Zhong, Z., Tompkins, E., Amitrano, M., Kukavica-Ibrulj, I., Boyle, B., **Wang, S.**, Levesque, R. C., Delaquis, P., Danyluk, M., & Goodridge, L. (2024). Genomic and Phenotypic Analysis of Salmonella enterica Bacteriophages Identifies Two Novel Phage Species. *Microorganisms*, *12*(4), Article 4. https://doi.org/10.3390/microorganisms12040695

17. Brenner, T., Schultze, D. M., Mahoney, D., & **Wang, S.** (2024). Reduction of Nontyphoidal Salmonella enterica in Broth and on Raw Chicken Breast by a Broad-spectrum Bacteriophage Cocktail. *Journal of Food Protection*, *87*(1), 100207. https://doi.org/10.1016/j.jfp.2023.100207

18. Bu, F., **Dee, D. R.**, & Liu, B. (2024). Structural insight into Escherichia coli CsgA amyloid fibril assembly. *mBio*, *15*(4), e00419-24. https://doi.org/10.1128/mbio.00419-24

19. Buttar, A., & **Jessri, M.** (2024). Evaluating Health Canada’s Proposed Front-of-Pack Labelling Policy: Burden of Healthcare Use Attributed to Health Canada’s Proposed Front-of-Pack Labelling Policy. *International Journal of Population Data Science*, *9*(5), Article 5. https://doi.org/10.23889/ijpds.v9i5.2911

20. Chiu, I., & **Yang, T.** (2024). Biopolymer-based intelligent packaging integrated with natural colourimetric sensors for food safety and sustainability. *Analytical Science Advances*, *n/a*(n/a), e202300065. https://doi.org/10.1002/ansa.202300065

21. Chomyn, A., Chan, E. S., Yeung, J., Cameron, S., Chua, G. T., Vander Leek, T. K., **Williams, B. A.**, Soller, L., Abrams, E. M., Mak, R., & Wong, T. (2023). Safety and effectiveness of the Canadian food ladders for children with IgE-mediated food allergies to cow’s milk and/or egg. *Allergy, Asthma & Clinical Immunology*, *19*(1), 94. https://doi.org/10.1186/s13223-023-00847-7

22. Cochrane, K. M., Bone, J. N., **Karakochuk, C. D.**, & Bode, L. (2023). Human milk oligosaccharide composition following supplementation with folic acid vs (6S)-5-methyltetrahydrofolic acid during pregnancy and mediation by human milk folate forms. *European Journal of Clinical Nutrition*, 1‑5. https://doi.org/10.1038/s41430-023-01376-7

23. Cochrane, K. M., Elango, R., Devlin, A. M., Mayer, C., Hutcheon, J. A., & **Karakochuk, C. D.** (2024). Supplementation with (6S)-5-methyltetrahydrofolic acid appears as effective as folic acid in maintaining maternal folate status while reducing unmetabolised folic acid in maternal plasma: A randomised trial of pregnant women in Canada. *British Journal of Nutrition*, *131*(1), 92‑102. https://doi.org/10.1017/S0007114523001733

24. Cochrane, K. M., Hutcheon, J. A., & **Karakochuk, C. D.** (2024). Supplementation practices among pregnant women and those trying to conceive: A population-representative survey in Vancouver, Canada. *Applied Physiology, Nutrition, and Metabolism*. https://doi.org/10.1139/apnm-2024-0124

25. Cochrane, K. M., **Williams, B. A.**, Kroeun, H., Chanthan, A., & **Karakochuk, C. D.** (2024). Population-level anemia prevalence rates may be rendered inaccurate when hemoglobin is measured in pooled capillary blood or with the HemoCue® 301 device. *International Journal of Laboratory Hematology*, *n/a*(n/a). https://doi.org/10.1111/ijlh.14342

26. **Dee, D. R.**, & Chang, S. K. C. (2024). Protein Analysis. In B. P. Ismail & S. S. Nielsen (Eds.), *Nielsen's Food Analysis* (pp. 287–302). Springer International Publishing. https://doi.org/10.1007/978-3-031-50643-7_18

27. dos Santos, F. R., Martins Filho, C. M., de Cerqueira, R. F. L., **Yada, R. Y.**, Augusto, P. E. D., Leite Junior, B. R. de C., & Tribst, A. A. L. (2024). Strategies to extend the shelf life of sheep and goat cheese whey under refrigeration: Nisin, bioprotective culture, and acidification. *Food Bioscience*, *57*, 103495. https://doi.org/10.1016/j.fbio.2023.103495

28. Duah, J., Kpodo, F. M., **Kontogiorgos, V.**, Saalia, F. K., & Agbenorhevi, J. K. (2024). Isolation and Characterization of Pectin from African Star Apple (Chrysophyllum albidum) Fruit. *Food Biophysics*. https://doi.org/10.1007/s11483-024-09840-y

29. Evanchuk, J. L., Kozyrskyj, A., Vaghef-Mehrabani, E., **Lamers, Y.**, Giesbrecht, G. F., Letourneau, N., Aghajafari, F., Dewey, D., Leung, B., Bell, R. C., & Field, C. J. (2023). Maternal iron and vitamin D status during the 2nd trimester is associated with 3rd trimester depression symptoms among pregnant participants in the APrON cohort. *The Journal of Nutrition*. https://doi.org/10.1016/j.tjnut.2023.10.029

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