

Faculty of Land and Food Systems (LFS) Research Publications
2021 - Quarter 3

LFS Priority Area	Title	Publisher/Journal	Date	Year	Type (Journal, Book)	Author(s)	Website
Addressing Climate Change and Resilient Food Systems	Modification of functional, rheological and structural characteristics of myofibrillar proteins by high-intensity ultrasonic and papain treatment.	Innovative Food Science & Emerging Technologies	August	2021	Journal	Amir Amiri, Parisa Sharifian, Naghmeh Morakabati, Alireza Mousakhani-Ganjeh, Maryamalsaddat Mirtaheri, Azadeh Nilghaz, Yi-gong Guo, Anubhav Pratap-Singh	https://www.sciencedirect.com/science/article/abs/pii/S1466856421001491?via%3Dihub
Addressing Climate Change and Resilient Food Systems	Producing energy, depleting water: the energy sector as a driver of seasonal water scarcity in an extractive frontier of the upper Orinoco watershed, Colombia	Water International	August	2021	Journal	Parisa Rinaldi , María Cecilia Roa-García, Sandra Brown	https://www.tandfonline.com/doi/full/10.1080/02508060.2021.1955327
Addressing Climate Change and Resilient Food Systems	Effect of nonthermal treatments on selected natural food pigments and color changes in plant material	Comprehensive Reviews in Food Science and Food Safety	August	2021	Journal	Małgorzata Nowacka, Magdalena Dadan, Monika Janowicz, Artur Wiktor, Dorota Witrowa-Rajchert, Ronit Mandal, Anubhav Pratap-Singh , Emilia Janiszewska-Turak.	https://onlinelibrary.wiley.com/doi/full/10.1111/1541-4337.12824
Addressing Climate Change and Resilient Food Systems	Assessing the circularity of nutrient flows related to the food system in the Okanagan bioregion, BC Canada.	Resources, Conservation and Recycling	August 14th	2021	Journal	Robin Harder , Mario Giampietro, Kent Mullinix, Sean Smukler	Assessing the circularity of nutrient flows related to the +B12:l12food system in the Okanagan bioregion, BC Canada. - ScienceDirect
Addressing Climate Change and Resilient Food Systems	Innate antiviral defense demonstrates high energetic efficiency in a bony fish.	BMC Biology	July	2021	Journal	Mark P. Polinski, Yangfan Zhang , Phillip R. Morrison, Gary D. Marty, Colin J. Brauner, Anthony P. Farrell , Kyle A. Garver	https://bmcbiol.biomedcentral.com/articles/10.1186/s12915-021-01069-2
Addressing Climate Change and Resilient Food Systems	Improving the Alkaline Stability of Pepsin Through Rational Protein Design Using Renin, An Alkaline-Stable Aspartic Protease, As A Structural and Functional Reference.	Enzyme and Microbial Technology	July 22nd	2021	Journal	Douglas A.S. Grahame, John H. Dupuis , Brian C. Bryksa, Takuji Tanaka, Rickey Y. Yada	https://www.sciencedirect.com/science/article/abs/pii/S0141022921001290?via%3Dihub
Addressing Climate Change and Resilient Food Systems	Impact of ecosystem water balance and soil parent material on silicon dynamics: insights from three long-term chronosequences	Biogeochemistry	September 13th	2021	Journal	Félix de Tombeur, Jean-Thomas Cornelis , Etienne Laliberté, Hans Lambers, Grégory Mahy, Michel-Pierre Faucon & Benjamin L. Turner	Impact of ecosystem water balance and soil parent material on silicon dynamics: insights from three long-term chronosequences SpringerLink
Addressing Climate Change and Resilient Food Systems	Associations between <i>Listeria monocytogenes</i> genomic characteristics and adhesion to polystyrene at 8 °C	Food Microbiology	September 23rd	2021	Journal	David Burke James Mahoney, Justin Falardeau, Patricia Hingston , Cora Chmielowski, Laura M. Carroll, Martin Wiedmann, Sung SikJang, Siyun Wang	Associations between <i>Listeria monocytogenes</i> genomic characteristics and adhesion to polystyrene at 8 °C - ScienceDirect

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Addressing Climate Change and Resilient Food Systems	Microwave Vacuum Dehydration Technology in Food Processing	Apple Academic Press		2021	Book	Ronit Mandal, Anubhav Pratap-Singh	https://scholar.google.com/citations?hl=en&view_op=view_citation&citation_for_view=aXhxDVQAAAAJ:tYavs44e6CUC&oi=scholarIrt
Addressing Climate Change and Resilient Food Systems	Biophysical Impacts of Historical Disturbances, Restoration Strategies, and Vegetation Types in a Peatland Ecosystem	JGR Biogeosciences	September 29th	2021	Journal	Sung-Ching Lee, T. Andrew Black , Marion Nyberg, Markus Merkens, Zoran Nestic , Darian Ng, Sara H. Knox	https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1029/2021JG006532
Ending Hunger and Improving Food Security	Examining the associations between food worry and mental health during the early months of the COVID-19 pandemic in Canada	Canadian Journal of Public Health	August	2021	Journal	Corey McAuliffe, Zach Daly, Jennifer Black , Javiera Pumarino, Anne Gadermann, Allie Slemon, Kimberly C. Thomson, Chris Richardson, Emily K. Jenkins	Examining the associations between food worry and mental health during the early months of the COVID-19 pandemic in Canada SpringerLink
Ending Hunger and Improving Food Security	Food Sovereignty and Rights-Based Approaches Strengthen Food Security and Nutrition Across the Globe: A Systematic Review	Frontiers in Sustainable Food Systems	September 17th	2021	Journal	Devon Sampson, Marcela Cely-Santos, Barbara Gemmill-Herren, Nicholas Babin, Annelie Bernhart, Rachel Bezner Kerr, Jennifer Blesh, Evan Bownes , Mackenzie Feldman, André Luis Gonçalves, Dana James , Tanya Kerksen, Susanna Klassen , Alexander Wezel and Hannah Wittman	Frontiers Food Sovereignty and Rights-Based Approaches Strengthen Food Security and Nutrition Across the Globe: A Systematic Review Sustainable Food Systems (frontiersin.org)
Ending Hunger and Improving Food Security	The Good Food for Learning Universal Curriculum-Integrated Healthy School Lunch Intervention: Protocol for a Two-Year Matched Control Pre-Post and Case Study	JMIR Publications	September 21st	2021	Journal	Rachel Engler-Stringer, Jennifer Black , Nazeem Muhajarine, Wanda Marti, Jason Gilliland, Janet McVittie, Sara Kirk, Hannah Wittman , Amin Mousavi, Sinikka Elliott, Brent Hills, Gordon Androsoff, Debbie Field, Brit Macdonald, Chelsea Belt, Hassan Vatanparast	JMIR Research Protocols - The Good Food for Learning Universal Curriculum-Integrated Healthy School Lunch Intervention: Protocol for a Two-Year Matched Control Pre-Post and Case Study
Enhancing Regional Agriculture for Sustainable Cities	Co-composted biochar to decrease fertilization rates in cotton-maze rotation in Burkina Faso	Agronomy Journal	August	2021	Journal	Drissa Cissé, Jean-Thomas Cornelis , Mamadou Traoré, Fatimata Saba, Kalifa Coulibaly, David Lefebvre, Gilles Colinet, Hassan Bismack Nacro.	https://acsess.onlinelibrary.wiley.com/doi/abs/10.1002/agi2.20867
Enhancing Regional Agriculture for Sustainable Cities	Irrigation Water Demand Model as a Comparative Tool for Assessing Effects of Land Use Changes for Agricultural Crops in Fraser Valley, Canada	Scientific Research Publishing	August	2021	Journal	Skylar Kylstra, Autumn D. Watkinsonorcid, Lewis Fausakorcid, Leslie M. Lavkulich.	https://www.scirp.org/journal/paperinformation.aspx?paperid=111504
Enhancing Regional Agriculture for Sustainable Cities	Leaching gold with cassava: An option to eliminate mercury use in artisanal gold mining.	Journal of Cleaner Production	August	2021	Journal	P.Torkamana, M.M.Veigaa, L.R.P.de Andrade Lima, L.A.Oliveira, J.S.Motta, J.L.Jesus, L.M.Lavkulich	https://www.sciencedirect.com/science/article/abs/pii/S0959652621017509

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Enhancing Regional Agriculture for Sustainable Cities	Silicon dynamics through the lens of soil-plant-animal interactions: perspectives for agricultural practices	Plant and Soil	August 16th	2021	Journal	Félix de Tombeur, Philippe Roux & Jean-Thomas Cornelis	https://link.springer.com/article/10.1007/s11104-021-05076-8
Enhancing Regional Agriculture for Sustainable Cities	Optimization and validation of a SPME-GC/MS method for the determination of volatile compounds, including enantiomeric analysis, in northern highbush blueberries (<i>Vaccinium corymbosum</i> L.)	Food Chemistry	August 9th	2021	Journal	Joana Pico , Eric M.Gerbrandt, Simone D.Castellarin	Optimization and validation of a SPME-GC/MS method for the determination of volatile compounds, including enantiomeric analysis, in northern highbush blueberries (<i>Vaccinium corymbosum</i> L.) - ScienceDirect
Enhancing Regional Agriculture for Sustainable Cities	Ecologically driven selection of nonstructural carbohydrate storage in oak trees	New Phytologist	July	2021	Journal	Morgan E. Furze, Dylan K. Wainwright, Brett A. Huggett, Thorsten Knipfer , Andrew J. McElrone, Craig R. Brodersen	https://nph.onlinelibrary.wiley.com/doi/10.1111/nph.17605
Enhancing Regional Agriculture for Sustainable Cities	Integrated farm management systems to improve nutrient management using semi-virtual Farmlets: agronomic responses	Environmental Research Communications	July	2021	Journal	Carson Li , Derek Hunt, Karen Koenig, Sean Smukler , Shabtai Bittman	Integrated farm management systems to improve nutrient management using semi-virtual Farmlets: agronomic responses - IOPscience
Enhancing Regional Agriculture for Sustainable Cities	Sucrose Metabolism and Transport in Grapevines, with Emphasis on Berries and Leaves and Insights Gained from a Cross-Species Comparison	International Journal of Molecular Sciences	July 21st	2021	Journal (review)	Walker, R.P., Bonghi, C., Varotto, S, Battistelli, A, Burbidge, C.A., Castellarin, S.D , Chen, Z.-H, Darriet, P., Moscatello, S., Rienth, M., Sweetman, C. Famiani, F.	https://www.mdpi.com/1422-0067/22/15/7794
Enhancing Regional Agriculture for Sustainable Cities	Bringing the city to the country? Responsibility, privilege and urban agrarianism in Metro Vancouver	Journal of Peasant Studies	September 16th	2021	Journal	Bowness, E., Wittman, H.	Bringing the city to the country? Responsibility, privilege and urban agrarianism in Metro Vancouver: The Journal of Peasant Studies: Vol 48, No 6 (tandfonline.com)
Enhancing Regional Agriculture for Sustainable Cities	Recent advances in <i>Penicillium expansum</i> infection mechanisms and current methods in controlling <i>P. expansum</i> in postharvest apples	Critical Reviews in Food Science and Nutrition	September 20th	2021	Journal	Kaili Wang , Guillaume Legrand Ngolong Ngea, Esa Abiso Godana, Yu Shi, Boen Lanhuang, Xiaoyun Zhang, Lina Zhao, Qiya Yang, Siyun Wang , Hongyin Zhang	Recent advances in <i>Penicillium expansum</i> infection mechanisms and current methods in controlling <i>P. expansum</i> in postharvest apples: Critical Reviews in Food Science and Nutrition: Vol 0, No 0 (tandfonline.com)

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Enhancing Regional Agriculture for Sustainable Cities	Incursions of divergent genotypes, evolution of virulence and host jumps shape a continental clonal population of the stripe rust pathogen <i>Puccinia striiformis</i>	Molecular Ecology	September 20th	2021	Journal	Yi Ding, Will S Cuddy, Colin R Wellings , Peng Zhang, Tine Thach, Mogens S Hovmøller, Dinah Qutob, Gurcharn S Brar , Hadley R Kutcher, Robert F Park	Incursions of divergent genotypes, evolution of virulence and host jumps shape a continental clonal population of the stripe rust pathogen <i>Puccinia striiformis</i> - PubMed (nih.gov)
Ensuring the Health and Welfare of Animals in Society	Behavioral correlates of urinary output in shelter cats	Applied Animal Behaviour Science	August	2021	Journal	Allison Andrukonis, Alexandra Protopopova , Yisha Xiang, Ying Liao, Nathaniel Hall	Behavioral correlates of urinary output in shelter cats - ScienceDirect
Ensuring the Health and Welfare of Animals in Society	Dairy Heifer Motivation for Access to a Shaded Area.	Animals	August	2021	Journal	Clarissa Silva Cardoso, Marina A. G. von Keyserlingk , Luiz Carlos Pinheiro Machado, and Maria José Hötzel.	Animals Free Full-Text Dairy Heifer Motivation for Access to a Shaded Area (mdpi.com)
Ensuring the Health and Welfare of Animals in Society	Understanding Behavioural Development of Calves in Natural Settings to Inform Calf Management	Animals	August 20th	2021	Journal	Laura Whalin, Daniel M. Weary, and Marina A. G. von Keyserlingk	Understanding Behavioural Development of Calves in Natural Settings to Inform Calf Management (nih.gov)
Ensuring the Health and Welfare of Animals in Society	Negative expectation and vulnerability to stressors in animals	Neuroscience & Biobehavioral Reviews	August 26th	2021	Journal	Benjamin Lecorps, Daniel M. Weary, Marina A.G.von Keyserlingk.	Negative expectations and vulnerability to stressors in animals - ScienceDirect
Ensuring the Health and Welfare of Animals in Society	Stationary brush use in naive dairy heifers	Journal of Dairy Science	August 4th	2021	Journal	Jennifer M.C.Van Os, Savannah A.Goldstein, Daniel M.Weary, Marina A.G.von Keyserlingk	Stationary brush use in naive dairy heifers - ScienceDirect
Ensuring the Health and Welfare of Animals in Society	Association of estrous expression detected by an automated activity monitoring system within 40 days in milk and reproductive performance of lactating Holstein cows	Journal of Dairy Science	August 9th	2021	Journal	S Borchardt , C M Tippenhauer , J-L Plenio, A Bartel , A M L Madureira , R L A Cerri , W Heuwieser	https://pubmed.ncbi.nlm.nih.gov/33985771/#affiliation-2 https://pubmed.ncbi.nlm.nih.gov/33985771/#affiliation-2
Ensuring the Health and Welfare of Animals in Society	Attitudes of laboratory animal professionals and researchers towards carbon dioxide euthanasia for rodents and perceived barriers to change	Laboratory Animals	July	2021	Journal	Michael W Brunt, Lucia Amendola, Daniel M. Weary	Attitudes of laboratory animal professionals and researchers towards carbon dioxide euthanasia for rodents and perceived barriers to change - Michael W Brunt, Lucia Améndola, Daniel M. Weary, 2021 (sagepub.com)
Ensuring the Health and Welfare of Animals in Society	Perspectives of Western Canadian dairy farmers on providing outdoor access for dairy cows	Journal of Dairy Science	July	2021	Journal	Anne-Marieke C. Smid, Pauline H.J. Inberg, Saskia de Jong, Shane Sinclair, Marina A.G. von Keyserlingk, Daniel M. Weary , Herman W. Barkema	https://www.journalofdairyscience.org/article/S0022-0302(21)00711-6/fulltext

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Ensuring the Health and Welfare of Animals in Society	Invited review: The welfare of dairy cattle housed in tiestalls compared to less-restrictive housing types: A systematic review.	Journal of Dairy Science	July	2021	Journal	Annabelle Beaver, Daniel M. Weary, Marina A. G. von Keyserlingk	https://www.journalofdairyscience.org/article/S0022-0302(21)00717-7/fulltext
Ensuring the Health and Welfare of Animals in Society	Standing behavior and sole horn lesions: A prospective observational longitudinal study	Journal of Dairy Science	July	2021	Journal	Hanna K. Eriksson, Ruan R. Daros, Marina A.G. von Keyserlingk, Daniel M. Weary	Standing behavior and sole horn lesions: A prospective observational longitudinal study - Journal of Dairy Science
Ensuring the Health and Welfare of Animals in Society	Tank cleaning temporarily increases stress and decreases affiliative behavior in zebrafish	Applied Animal Behaviour Science	July 26th	2021	Journal (review)	Christine Powell, Marina A. G. von Keyserlingk, Becca Franks	https://www.sciencedirect.com/science/article/abs/pii/S016815912100201X#!
Ensuring the Health and Welfare of Animals in Society	Effects of global warming on fishes and fisheries	Journal of Fish Biology	July 27th	2021	Journal	David J. McKenzie, Benjamin Geffroy, Anthony P. Farrell	Effects of global warming on fishes and fisheries - McKenzie - 2021 - Journal of Fish Biology - Wiley Online Library
Ensuring the Health and Welfare of Animals in Society	Pterostilbene leads to DNMT3B-mediated DNA methylation and silencing of OCT1-targeted oncogenes in breast cancer cells	Journal of Nutritional Biochemistry	July 7th	2021	Journal	Megan Beetch , Cayla Boycott , Sadaf Harandi-Zadeh , Tony Yang , Benjamin J E Martin, Thomas Dixon-McDougall, Kevin Ren , Allison Gacad , John H Dupuis , Melissa Ullmer , Katarzyna Lubecka , Rickey Y Yada, Carolyn J Brown , LeAnn J Howe , Barbara Stefanska	Pterostilbene leads to DNMT3B-mediated DNA methylation and silencing of OCT1-targeted oncogenes in breast cancer cells - PubMed (nih.gov)
Ensuring the Health and Welfare of Animals in Society	Hypoxia Performance Curve: Assess a Whole-Organism Metabolic Shift from a Maximum Aerobic Capacity towards a Glycolytic Capacity in Fish	Metabolites	July 8th	2021	Journal	Yangfan Zhang , Bog E. So and Anthony P. Farrell	Metabolites Free Full-Text Hypoxia Performance Curve: Assess a Whole-Organism Metabolic Shift from a Maximum Aerobic Capacity towards a Glycolytic Capacity in Fish (mdpi.com)
Ensuring the Health and Welfare of Animals in Society	Application note: Validation of BovHEAT—An open-source analysis tool to process data from automated activity monitoring systems in dairy cattle for estrus	Computers and Electronics in Agriculture	September	2021	Journal	J.-L. Plenio, A. Bartel, A.M.L. Madureira, R.L.A. Cerri , W.Heuwieser, S.Borchardt	Application note: Validation of BovHEAT — An open-source analysis tool to process data from automated activity monitoring systems in dairy cattle for estrus detection - ScienceDirect

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Ensuring the Health and Welfare of Animals in Society	Effect of a provincial feline onychectomy ban on cat intake and euthanasia in a British Columbia animal shelter system	Journal of Feline Medicine and Surgery	September 13th	2021	Journal	Alexandre Ellis, Karen van Haaften, Alexandra Protopopova , Emilia Gordon	Effect of a provincial feline onychectomy ban on cat intake and euthanasia in a British Columbia animal shelter system - Alexandre Ellis, Karen van Haaften, Alexandra Protopopova, Emilia Gordon, 2021 (sagepub.com)
Ensuring the Health and Welfare of Animals in Society	Pain in the weeks following surgical and rubber ring castration in dairy calves	Journal of Dairy Science	September 16th	2021	Journal	Emeline Nogues, Marina A.G.von Keyserlingk, Daniel M.Weary	Effect of a provincial feline onychectomy ban on cat intake and euthanasia in a British Columbia animal shelter system - Alexandre Ellis, Karen van Haaften, Alexandra Protopopova, Emilia Gordon, 2021 (sagepub.com)
Ensuring the Health and Welfare of Animals in Society	Using approach latency and anticipatory behaviour to assess whether voluntary playpen access is rewarding to laboratory mice	Scientific Reports	September 21st	2021	Journal	Anna S. Ratuski, I. Joanna Makowska, Kaitlyn R. Dvorack & Daniel M. Weary	https://www.nature.com/articles/s41598-021-98356-3
Ensuring the Health and Welfare of Animals in Society	Perceptions of laboratory animal facility managers regarding institutional transparency	PLoS one	July	2021	Journal	Michael W. Brunt, Daniel M. Weary	Perceptions of laboratory animal facility managers regarding institutional transparency (plos.org)
Ensuring the Health and Welfare of Animals in Society	Social referents for dairy farmers: who dairy farmers consult when making management decisions	Animals	September 22nd	2021	Journal	K.E. Mills, K.E. Koralesky, M.A.G. von Keyserlingk, D.M.Weary	https://www.sciencedirect.com/science/article/pii/S1751731121002044?via%3Dihub
Promoting Nutrition and Wellbeing for Healthier Communities	Using partial least squares to identify a dietary pattern associated with obesity in a nationally-representative sample of Canadian adults: Results from the Canadian Community Health Survey—Nutrition 2015	PLoS ONE	August 5th	2021	Journal	Alena (Praneet) Ng, Mahsa Jessri , Mary L'abbe	 (PDF) Using partial least squares to identify a dietary pattern associated with obesity in a nationally-representative sample of Canadian adults: Results from the Canadian Community Health Survey—Nutrition 2015 (researchgate.net)

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Promoting Nutrition and Wellbeing for Healthier Communities	The Inclusion of Folic Acid in Weekly Iron-Folic Acid Supplements Confers no Additional Benefit on Anemia Reduction in Nonpregnant Women: A Randomized Controlled Trial in Malaysia	The Journal of nutrition	August 7th	2021	Journal	Kaitlyn L I Samson , Su Peng Loh , Siew Siew Lee , Dian C Sulistyoningrum , Geok Lin Khor , Zalilah Binti Mohd Shariff , Irmi Zarina Ismai , Maria Makrides , Jennifer A Hutcheon , Marion L Roche , Timothy J Green, Crystal D Karakochuk	The Inclusion of Folic Acid in Weekly Iron-Folic Acid Supplements Confers no Additional Benefit on Anemia Reduction in Nonpregnant Women: A Randomized Controlled Trial in Malaysia - PubMed (nih.gov)
Promoting Nutrition and Wellbeing for Healthier Communities	Baseline Hemoglobin, Hepcidin, Ferritin, and Total Body Iron Stores are Equally Strong Diagnostic Predictors of a Hemoglobin Response to 12 Weeks of Daily Iron Supplementation in Cambodian Women	The Journal of nutrition	August 7th	2021	Journal	Lulu X Pei , Hou Kroeun, Suzanne M Vercautere, Susan I Bar , Tim J Green, Arianne Y Albert, Crystal D Karakochuk	Baseline Hemoglobin, Hepcidin, Ferritin, and Total Body Iron Stores are Equally Strong Diagnostic Predictors of a Hemoglobin Response to 12 Weeks of Daily Iron Supplementation in Cambodian Women - PubMed (nih.gov)
Promoting Nutrition and Wellbeing for Healthier Communities	Sensitizing HL60 acute myeloid leukemB19:B23citabine with pterostilbene.	Proceedings of the American Association for Cancer Research Annual Meeting	July	2021	Journal	Cayla Boycott, Barbara Stefanska	https://cancerres.aacrjournals.org/content/81/13_Supplement/1427
Promoting Nutrition and Wellbeing for Healthier Communities	Pterostilbene Changes Epigenetic Marks at Enhancer Regions of Oncogenes in Breast Cancer Cells	Antioxidants	July	2021	Journal	Sadaf Harandi-Zadeh, Cayla Boycott, Megan Beetch, Tony Yang , Benjamin J. E. Martin, Kevin Ren, Anna Kwasniak, John H. Dupuis , Katarzyna Lubecka, Rickey Y. Yada , LeAnn J. Howe, Barbara Stefanska	https://www.mdpi.com/2076-3921/10/8/1232
Promoting Nutrition and Wellbeing for Healthier Communities	Double fortified (iron and zinc) spray-dried microencapsulated premix for food fortification	LWT	July	2021	Journal	Anubhav Pratap-Singh , Alejandro Leiva	Double fortified (iron and zinc) spray-dried microencapsulated premix for food fortification - ScienceDirect
Promoting Nutrition and Wellbeing for Healthier Communities	Associations between Dietary Intake of B-vitamins and Cardiovascular Risk Factors in Elderly Men: A Cross-Sectional Study	International Journal of Clinical Practice	July	2021	Journal	Hadis Mozaffari , Mohammadreza Askari, Nick Bellissimo, Leila Azadbakht	Associations between dietary intake of B vitamins and cardiovascular risk factors in elderly men: A cross-sectional study - Mozaffari - 2021 - International Journal of Clinical Practice - Wiley Online Library

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Promoting Nutrition and Wellbeing for Healthier Communities	Ginseng prong added to broiler diets reduces lipid peroxidation in refrigerated and frozen stored poultry meats	Molecules	July 1st	2021	Journal	Melody M. C. Lai, Huiying Amelie Zhang, and David D. Kitts	Molecules Free Full-Text Ginseng Prong Added to Broiler Diets Reduces Lipid Peroxidation in Refrigerated and Frozen Stored Poultry Meats HTML (mdpi.com)
Promoting Nutrition and Wellbeing for Healthier Communities	Meat juice contributes to the stability of ethanol adaptation in Salmonella enterica serovar Enteritidis	Food Quality and Safety	July 27th	2021	Journal	Shoukui He, Karen Fong, Siyun Wang	 (PDF) Meat juice contributes to the stability of ethanol adaptation in Salmonella enterica serovar Enteritidis (researchgate.net)
Promoting Nutrition and Wellbeing for Healthier Communities	A rapid gas-chromatography/mass-spectrometry technique for determining odour activity values of volatile compounds in plant proteins: Soy, and allergen-free pea and brown rice protein	Molecules	July 5th	2021	Journal	Anika Singh, Yuan Shi, David D Kitts, Maciej Jarzebski, Przemyslaw Siejak, Anubhav Pratap- Singh	 (PDF) A Rapid Gas-Chromatography/Mass-Spectrometry Technique for Determining Odour Activity Values of Volatile Compounds in Plant Proteins: Soy, and Allergen-Free Pea and Brown Rice Protein (researchgate.net)
Promoting Nutrition and Wellbeing for Healthier Communities	Iron-Containing Contraceptives and Their Effect on Hemoglobin and Biomarkers of Iron Status: A Narrative Review.	Nurtients	July 9th	2021	Journal	Jordie A. J. Fischer, Carolina S. Sasai, Crystal D. Karakochuk	https://www.mdpi.com/2072-6643/13/7/2340
Promoting Nutrition and Wellbeing for Healthier Communities	Phytochemical constituents of the fruits of Kelussia odoratissima Mozaff., an aromatic plant endemic to Iran	Journal of Medicinal Plants	September	2021	Journal	M Khanavi, Sh Ghadami, Gh Sadaghiani-Tabrizi, MR Delnavazi	Phytochemical constituents of the fruits of Kelussia odoratissima Mozaff. an aromatic plant endemic to Iran - Journal of Medicinal Plants (jmp.ir)
Promoting Nutrition and Wellbeing for Healthier Communities	Whey Proteins as a Potential Co-Surfactant with Aesculus hippocastanum L. as a Stabilizer in Nanoemulsions Derived from Hempseed Oil	Molecules	September 27th	2021	Journal	Wojciech Smulek, Przemyslaw Siejak, Farahnaz Fathordoobady, Lukasz Masewicz, Yigong Guo, Malgozata Jarzebska, David D. Kitts, Przemyslaw Lukasz Kowalczewski, Hanna Maria Baranowska, Jerzy Stangierski, Anna Szwejca, Anubhav Pratap- Singh, and Maciej Jarzebski	Molecules Free Full-Text Whey Proteins as a Potential Co-Surfactant with Aesculus hippocastanum L. as a Stabilizer in Nanoemulsions Derived from Hempseed Oil (mdpi.com)

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Teaching and Learning	Strengthening undergraduate food science programs: Comparing industry relevance of the Institute of Food Technologists' Essential Learning Outcomes with graduate proficiency levels	Journal of Food Science Education	August	2021	Journal	Patricia A. Hingston, Deanna D. Bracewel	Strengthening undergraduate food science programs: Comparing industry relevance of the Institute of Food Technologists' Essential Learning Outcomes with graduate proficiency levels - Hingston - - Journal of Food Science Education - Wiley Online Library
Teaching and Learning	Promoting Youth Engagement and Employment in Agriculture and Food systems	Committee on World Food Security	July	2021	Journal	Hannah Wittman, Indika Arulingam, Jim Leandro Cano, Catherine Mungai, Mariaelena Huambachano, Anna Korzenszky, Paola Termine, Ben White, Evan Bowness.	Promoting Youth Engagement and Employment in Agriculture and Food Systems (worldfishcenter.org)
Teaching and Learning	Complementary Teaching Approaches Facilitating Interdisciplinary Soil Science Education	Canadian Journal of Soil Science	September	2021	Journal	Sandra Brown, Guopeng Fu, Lisa W.White	https://cdnsiencepub.com/doi/10.1139/CJSS-2021-0096