

Options for keeping the food system within environmental

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Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | New ideotypes of oil & protein crops. OCL - Oilseeds and Fats, Crops and Lipids, 2018, 25, D601. | 0.6 | 1 |
| 2 | Impact of Religious Participation, Social Interactions and Globalisation on Meat Consumption: Evidence from India. SSRN Electronic Journal, 0, , . | 0.4 | 5 |
| 3 | Sustainable protein provisioning. Nature Sustainability, 2018, 1, 733-734. | 11.5 | 1 |
| 4 | Transforming the global food system. Nature, 2018, 562, 501-502. | 13.7 | 14 |
| 5 | Health and nutritional aspects of sustainable diet strategies and their association with environmental impacts: a global modelling analysis with country-level detail. Lancet Planetary Health, The, 2018, 2, e451-e461. | 5.1 | 475 |
| 6 | The role of farm animals in a circular food system. Global Food Security, 2019, 21, 18-22. | 4.0 | 141 |
| 7 | Impact of Mineral P Fertilization on Trace Elements in Cropland Soils. Sustainable Agriculture Reviews, 2019, , 93-110. | 0.6 | 1 |
| 8 | An Exploratory Study into the Use of Black Soldier Fly (<i>Hermetia illucens</i>) Larvae in the Production of a Vienna-Style Sausage. Meat and Muscle Biology, 2019, 3, . | 0.7 | 17 |
| 9 | Loading natural emulsions with nutraceuticals using the pH-driven method: formation & stability of curcumin-loaded soybean oil bodies. Food and Function, 2019, 10, 5473-5484. | 2.1 | 33 |
| 10 | Using scenario analyses to address the future of food. EFSA Journal, 2019, 17, e170703. | 0.9 | 13 |
| 11 | A systems approach to assessing environmental and economic effects of food loss and waste interventions in the United States. Science of the Total Environment, 2019, 685, 1240-1254. | 3.9 | 75 |
| 12 | Modelling the drivers of a widespread shift to sustainable diets. Nature Sustainability, 2019, 2, 725-735. | 11.5 | 91 |
| 13 | Environmental footprint family to address local to planetary sustainability and deliver on the SDGs. Science of the Total Environment, 2019, 693, 133642. | 3.9 | 245 |
| 14 | Simple Eco-Labels to Nudge Customers Toward the Most Environmentally Friendly Warm Dishes: An Empirical Study in a Cafeteria Setting. Frontiers in Sustainable Food Systems, 2019, 3, . | 1.8 | 25 |
| 15 | Environmental life cycle assessment of production, processing, distribution and consumption of apples, sweet cherries and plums from conventional agriculture in Norway. Journal of Cleaner Production, 2019, 238, 117773. | 4.6 | 33 |
| 16 | A Provegetarian Food Pattern Emphasizing Preference for Healthy Plant-Derived Foods Reduces the Risk of Overweight/Obesity in the SUN Cohort. Nutrients, 2019, 11, 1553. | 1.7 | 54 |
| 17 | Developing the knowledge base needed to sustainably manage mesopelagic resources. ICES Journal of Marine Science, 2019, 76, 609-615. | 1.2 | 80 |
| 18 | The concerns of the young protesters are justified: A statement by<i>Scientists for Future</i> concerning the protests for more climate protection. Gaia, 2019, 28, 79-87. | 0.3 | 56 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Local Challenges and Successes Associated with Transitioning to Sustainable Food System Practices for a West Australian Context: Multi-Sector Stakeholder Perceptions. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2051. | 1.2 | 15 |
| 20 | Towards a Baseline for Food-Waste Quantification in the Hospitality Sector—Quantities and Data Processing Criteria. <i>Sustainability</i> , 2019, 11, 3541. | 1.6 | 46 |
| 21 | Stable Polyelectrolyte Multilayer-Based Hollow Fiber Nanofiltration Membranes for Produced Water Treatment. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2230-2239. | 2.0 | 51 |
| 22 | Telecoupled impacts of livestock trade on non-communicable diseases. <i>Globalization and Health</i> , 2019, 15, 43. | 2.4 | 8 |
| 23 | Greenhouse gas emissions from a rice-rice-green manure cropping system in South China. <i>Geoderma</i> , 2019, 353, 331-339. | 2.3 | 41 |
| 24 | Deliver Me from food waste: Model framework for comparing the energy use of meal-kit delivery and groceries. <i>Journal of Cleaner Production</i> , 2019, 236, 117587. | 4.6 | 23 |
| 25 | Rising adoption and retention of meat-free diets in online recipe data. <i>Nature Sustainability</i> , 2019, 2, 621-627. | 11.5 | 19 |
| 26 | Transforming agricultural land use through marginal gains in the food system. <i>Global Environmental Change</i> , 2019, 57, 101932. | 3.6 | 29 |
| 27 | Healthy diets and sustainable food systems — Authors' reply. <i>Lancet, The</i> , 2019, 394, 215-216. | 6.3 | 42 |
| 28 | Gaps between fruit and vegetable production, demand, and recommended consumption at global and national levels: an integrated modelling study. <i>Lancet Planetary Health, The</i> , 2019, 3, e318-e329. | 5.1 | 176 |
| 29 | Soft condensed matter physics of foods and macronutrients. <i>Nature Reviews Physics</i> , 2019, 1, 551-566. | 11.9 | 42 |
| 30 | A World of Cobenefits: Solving the Global Nitrogen Challenge. <i>Earth's Future</i> , 2019, 7, 865-872. | 2.4 | 122 |
| 31 | A New Era for Mild Strain Cross-Protection. <i>Viruses</i> , 2019, 11, 670. | 1.5 | 67 |
| 32 | Meat Consumption and Vegaphobia: An Exploration of the Characteristics of Meat Eaters, Vegaphobes, and Their Social Environment. <i>Sustainability</i> , 2019, 11, 3936. | 1.6 | 33 |
| 33 | Trade war threatens sustainability. <i>Science</i> , 2019, 364, 1242-1243. | 6.0 | 4 |
| 34 | Meat Analogs from Different Protein Sources: A Comparison of Their Sustainability and Nutritional Content. <i>Sustainability</i> , 2019, 11, 3231. | 1.6 | 57 |
| 35 | Generating political commitment for ending malnutrition in all its forms: A system dynamics approach for strengthening nutrition actor networks. <i>Obesity Reviews</i> , 2019, 20, 30-44. | 3.1 | 30 |
| 36 | Can diets be both healthy and sustainable? Solving the dilemma between healthy diets versus sustainable diets. , 2019, , 197-227. | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | The consumptive water footprint of the European Union energy sector. <i>Environmental Research Letters</i> , 2019, 14, 104016. | 2.2 | 29 |
| 38 | Plant-Protein Diversity Is Critical to Ensuring the Nutritional Adequacy of Diets When Replacing Animal With Plant Protein: Observed and Modeled Diets of French Adults (INCA3). <i>Journal of Nutrition</i> , 2020, 150, 536-545. | 1.3 | 37 |
| 39 | Cross-cutting Issues. , 2019, , 74-103. | | 1 |
| 40 | Socio-economic drivers of pig production and their effects on achieving sustainable development goals in China. <i>Journal of Integrative Environmental Sciences</i> , 2019, 16, 141-155. | 1.0 | 19 |
| 41 | Diet Quality and Water Scarcity: Evidence from a Large Australian Population Health Survey. <i>Nutrients</i> , 2019, 11, 1846. | 1.7 | 33 |
| 42 | Reviewing Vietnam's Nationally Determined Contribution: A New Perspective Using the Marginal Cost of Abatement. <i>Frontiers in Sustainable Food Systems</i> , 2019, 3, . | 1.8 | 11 |
| 43 | Chefs as change-makers from the kitchen: indigenous knowledge and traditional food as sustainability innovations. <i>Global Sustainability</i> , 2019, 2, . | 1.6 | 26 |
| 45 | Impact of rainfall to the effectiveness of pig slurry shallow injection method for NH3 mitigation in a Mediterranean soil. <i>Atmospheric Environment</i> , 2019, 216, 116913. | 1.9 | 15 |
| 46 | Wartime Interaction: Confrontation, Collusion, Cooperation/Interactions en Temps de Guerre: Confrontation, Connivence Et Coop ration (1870 1970). <i>French History</i> , 2019, 33, 318-320. | 0.1 | 0 |
| 47 | Helsinki by nature: The Nature Step to Respiratory Health. <i>Clinical and Translational Allergy</i> , 2019, 9, 57. | 1.4 | 36 |
| 48 | Private lands conservation: A vision for the future. <i>Wildlife Society Bulletin</i> , 2019, 43, 398-407. | 1.6 | 18 |
| 49 | Impact of religious participation, social interactions and globalization on meat consumption: Evidence from India. <i>Energy Economics</i> , 2019, 84, 104550. | 5.6 | 11 |
| 50 | Climate impact from diet in relation to background and sociodemographic characteristics in the V sterbotten Intervention Programme. <i>Public Health Nutrition</i> , 2019, 22, 3288-3297. | 1.1 | 12 |
| 51 | Four perspectives on water for global food production and international trade: incommensurable objectives and implications. <i>Current Opinion in Environmental Sustainability</i> , 2019, 40, 30-36. | 3.1 | 9 |
| 52 | Water pollution from food production: lessons for optimistic and optimal solutions. <i>Current Opinion in Environmental Sustainability</i> , 2019, 40, 88-94. | 3.1 | 15 |
| 53 | Efficiency of different breeding strategies in improving the faba bean productivity for sustainable agriculture. <i>Euphytica</i> , 2019, 215, 1. | 0.6 | 6 |
| 54 | Healthy and Sustainable Diets and Food Systems: the Key to Achieving Sustainable Development Goal 2?. <i>Food Ethics</i> , 2019, 4, 159-174. | 1.2 | 80 |
| 55 | Multiple health and environmental impacts of foods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23357-23362. | 3.3 | 440 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 56 | Plant-based Milks: A Review of the Science Underpinning Their Design, Fabrication, and Performance. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019, 18, 2047-2067. | 5.9 | 196 |
| 57 | Where the Wild Things were is Where Humans are Now: an Overview. <i>Human Ecology</i> , 2019, 47, 669-679. | 0.7 | 19 |
| 58 | Legumix Stylosanthes pellets: A healthier and more sustainable animal feed. <i>Outlook on Agriculture</i> , 2019, 48, 229-236. | 1.8 | 2 |
| 60 | The Future of Feed: Integrating Technologies to Decouple Feed Production from Environmental Impacts. <i>Industrial Biotechnology</i> , 2019, 15, 52-62. | 0.5 | 13 |
| 61 | From Food Chains to Food Webs: Regulating Capitalist Production and Consumption in the Food System. <i>Annual Review of Law and Social Science</i> , 2019, 15, 205-225. | 0.8 | 15 |
| 62 | Science-based intensive agriculture: Sustainability, food security, and the role of technology. <i>Global Food Security</i> , 2019, 23, 236-244. | 4.0 | 56 |
| 63 | Tackling food consumption inequality to fight hunger without pressuring the environment. <i>Nature Sustainability</i> , 2019, 2, 826-833. | 11.5 | 49 |
| 64 | Sustainable, resilient food systems for healthy diets: the transformation agenda. <i>Public Health Nutrition</i> , 2019, 22, 2916-2920. | 1.1 | 42 |
| 65 | Four steps to food security for swelling cities. <i>Nature</i> , 2019, 566, 31-33. | 13.7 | 89 |
| 66 | Effective climate change mitigation through cover cropping and integrated fertilization: A global warming potential assessment from a 10-year field experiment. <i>Journal of Cleaner Production</i> , 2019, 241, 118307. | 4.6 | 43 |
| 67 | Environmental Sustainability Perspectives of the Nordic Diet. <i>Nutrients</i> , 2019, 11, 2248. | 1.7 | 42 |
| 68 | Long-term changes in greenhouse gas emissions from French agriculture and livestock (1852-2014): From traditional agriculture to conventional intensive systems. <i>Science of the Total Environment</i> , 2019, 660, 1486-1501. | 3.9 | 72 |
| 69 | Transforming the food system to fight non-communicable diseases. <i>BMJ: British Medical Journal</i> , 2019, 364, l296. | 2.4 | 168 |
| 70 | Agriculturally productive yet biodiverse: human benefits and conservation values along a forest-agriculture gradient in Southern Ethiopia. <i>Landscape Ecology</i> , 2019, 34, 341-356. | 1.9 | 20 |
| 71 | Food in the Anthropocene: the EAT-Lancet Commission on healthy diets from sustainable food systems. <i>Lancet, The</i> , 2019, 393, 447-492. | 6.3 | 5,421 |
| 72 | Food Preferences in Finland: Sustainable Diets and their Differences between Groups. <i>Sustainability</i> , 2019, 11, 1259. | 1.6 | 20 |
| 73 | The Moral Complexity of Agriculture: A Challenge for Corporate Social Responsibility. <i>Journal of Agricultural and Environmental Ethics</i> , 2019, 32, 413-430. | 0.9 | 25 |
| 74 | Global urbanization and food production in direct competition for land: Leverage places to mitigate impacts on SDG2 and on the Earth System. <i>Infrastructure Asset Management</i> , 2019, 6, 71-97. | 1.2 | 69 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 75 | Review of high-value food waste and food residues biorefineries with focus on unavoidable wastes from processing. Resources, Conservation and Recycling, 2019, 149, 413-426. | 5.3 | 112 |
| 76 | Linking environmental sustainability and nutritional quality of the Atlantic diet recommendations and real consumption habits in Galicia (NW Spain). Science of the Total Environment, 2019, 683, 71-79. | 3.9 | 36 |
| 77 | Country-Specific Sustainable Diets Using Optimization Algorithm. Environmental Science & Technology, 2019, 53, 7694-7703. | 4.6 | 45 |
| 78 | Innovating for Sustainable Agriculture. , 2019, , 171-182. | | 0 |
| 79 | Environmental Sustainability of Insects as Human Food. , 2019, , . | | 4 |
| 80 | Cellulose Fibers Enable Near-Zero-Cost Electrical Sensing of Water-Soluble Gases. ACS Sensors, 2019, 4, 1662-1669. | 4.0 | 114 |
| 81 | Perspective: The Public Health Case for Modernizing the Definition of Protein Quality. Advances in Nutrition, 2019, 10, 755-764. | 2.9 | 46 |
| 82 | Multi-Party Agroforestry: Emergent Approaches to Trees and Tenure on Farms in the Midwest USA. Sustainability, 2019, 11, 2449. | 1.6 | 12 |
| 83 | A unified framework of life cycle assessment. International Journal of Life Cycle Assessment, 2019, 24, 620-626. | 2.2 | 18 |
| 84 | Heat-induced and acid-induced gelation of dairy/plant protein dispersions and emulsions. Current Opinion in Food Science, 2019, 27, 43-48. | 4.1 | 32 |
| 85 | Nutrition and Vulnerable Groups. Nutrients, 2019, 11, 1066. | 1.7 | 13 |
| 87 | Key determinants of global land-use projections. Nature Communications, 2019, 10, 2166. | 5.8 | 123 |
| 88 | Systems thinking for education about the molecular basis of sustainability. Nature Sustainability, 2019, 2, 362-370. | 11.5 | 95 |
| 89 | The global nexus of foodâ€™water sustaining environmental flows by 2050. Nature Sustainability, 2019, 2, 499-507. | 11.5 | 161 |
| 90 | Low-cost carbonized kelp for highly efficient solar steam generation. AIP Advances, 2019, 9, . | 0.6 | 39 |
| 91 | Lessons from the past and the future of food. World Archaeology, 2019, 51, 1-16. | 0.5 | 20 |
| 92 | The value of manure - Manure as co-product in life cycle assessment. Journal of Environmental Management, 2019, 241, 293-304. | 3.8 | 33 |
| 93 | Greenhouse Gas Emissions in the United States Food System: Current and Healthy Diet Scenarios. Environmental Science & Technology, 2019, 53, 5493-5503. | 4.6 | 45 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 94 | Planetary health and reduction in meat consumption. <i>Sustainable Earth</i> , 2019, 2, . | 1.3 | 44 |
| 95 | The potential of neglected and underutilized species for improving diets and nutrition. <i>Planta</i> , 2019, 250, 709-729. | 1.6 | 130 |
| 96 | Dietary Change Scenarios and Implications for Environmental, Nutrition, Human Health and Economic Dimensions of Food Sustainability. <i>Nutrients</i> , 2019, 11, 856. | 1.7 | 123 |
| 97 | Water Footprint of Meat Analogs: Selected Indicators According to Life Cycle Assessment. <i>Water (Switzerland)</i> , 2019, 11, 728. | 1.2 | 27 |
| 98 | Methane budget of East Asia, 1990â€“2015: A bottom-up evaluation. <i>Science of the Total Environment</i> , 2019, 676, 40-52. | 3.9 | 34 |
| 99 | Reduction of the carbon footprint of college freshman diets after a food-based environmental science course. <i>Climatic Change</i> , 2019, 154, 547-564. | 1.7 | 24 |
| 100 | â€œMore crop per dropâ€“ Exploring India's cereal water use since 2005. <i>Science of the Total Environment</i> , 2019, 673, 207-217. | 3.9 | 44 |
| 101 | Interfacial Supramolecular Structures of Amphiphilic Receptors Drive Aqueous Phosphate Recognition. <i>Journal of the American Chemical Society</i> , 2019, 141, 7876-7886. | 6.6 | 42 |
| 102 | Making the case for edible microorganisms as an integral part of a more sustainable and resilient food production system. <i>Food Security</i> , 2019, 11, 265-278. | 2.4 | 79 |
| 103 | Waste not, want not: A bio-economic impact assessment of household food waste reductions in the EU. <i>Resources, Conservation and Recycling</i> , 2019, 146, 514-522. | 5.3 | 67 |
| 104 | â€œAnimals are friends, not foodâ€“ Anthropomorphism leads to less favorable attitudes toward meat consumption by inducing feelings of anticipatory guilt. <i>Appetite</i> , 2019, 138, 153-173. | 1.8 | 46 |
| 105 | Determining the climate impact of food for use in a climate taxâ€”design of a consistent and transparent model. <i>International Journal of Life Cycle Assessment</i> , 2019, 24, 1715-1728. | 2.2 | 39 |
| 106 | The livestock sector and planetary boundaries: A â€˜limits to growthâ€™ perspective with dietary implications. <i>Ecological Economics</i> , 2019, 160, 128-136. | 2.9 | 46 |
| 107 | Drivers of water and land use embodied in international soybean trade. <i>Journal of Cleaner Production</i> , 2019, 223, 83-93. | 4.6 | 68 |
| 108 | Food and Earth Systems: Priorities for Climate Change Adaptation and Mitigation for Agriculture and Food Systems. <i>Sustainability</i> , 2019, 11, 1372. | 1.6 | 87 |
| 109 | Hormesis can enhance agricultural sustainability in a changing world. <i>Global Food Security</i> , 2019, 20, 150-155. | 4.0 | 47 |
| 110 | Clinical Ecologyâ€”Transforming 21st-Century Medicine with Planetary Health in Mind. <i>Challenges</i> , 2019, 10, 15. | 0.9 | 16 |
| 111 | Greenhouse gas abatement optimal deployment of biofuels from crops in Germany. <i>Transportation Research, Part D: Transport and Environment</i> , 2019, 69, 265-275. | 3.2 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 112 | Nitrogen in the environment. <i>Science</i> , 2019, 363, 578-580. | 6.0 | 242 |
| 113 | A comparison of the Mediterranean diet and current food consumption patterns in Spain from a nutritional and water perspective. <i>Science of the Total Environment</i> , 2019, 664, 1020-1029. | 3.9 | 75 |
| 114 | Effects of urbanization on phosphorus metabolism in a typical agricultural area. <i>Journal of Cleaner Production</i> , 2019, 214, 803-815. | 4.6 | 14 |
| 115 | The consequences of land sparing for birds in the United Kingdom. <i>Journal of Applied Ecology</i> , 2019, 56, 1870-1881. | 1.9 | 11 |
| 116 | Supporting sustainable expansion of livestock production in South Asia and Sub-Saharan Africa: Scenario analysis of investment options. <i>Global Food Security</i> , 2019, 20, 114-121. | 4.0 | 52 |
| 117 | Future global pig production systems according to the Shared Socioeconomic Pathways. <i>Science of the Total Environment</i> , 2019, 665, 739-751. | 3.9 | 55 |
| 118 | Availability of disaggregated greenhouse gas emissions from beef cattle production: A systematic review. <i>Environmental Impact Assessment Review</i> , 2019, 76, 69-78. | 4.4 | 56 |
| 119 | Ethics and responsabilisation in agri-food governance: the single-use plastics debate and strategies to introduce reusable coffee cups in UK retail chains. <i>Agriculture and Human Values</i> , 2019, 36, 301-312. | 1.7 | 17 |
| 120 | Gender differences in taste and foods habits. <i>Nutrition and Food Science</i> , 2019, 50, 229-239. | 0.4 | 41 |
| 121 | Unprocessed Red Meat and Processed Meat Consumption: Dietary Guideline Recommendations From the Nutritional Recommendations (NutriRECS) Consortium. <i>Annals of Internal Medicine</i> , 2019, 171, 756. | 2.0 | 227 |
| 122 | 23. Urban food governance and the de-animalisation of the food system. , 2019, , . | | 1 |
| 123 | Bioeconomy Transitions through the Lens of Coupled Social-Ecological Systems: A Framework for Place-Based Responsibility in the Global Resource System. <i>Sustainability</i> , 2019, 11, 5705. | 1.6 | 17 |
| 124 | Impacts of Global Food Systems on Biodiversity and Water: The Vision of Two Reports and Future Aims. <i>One Earth</i> , 2019, 1, 298-302. | 3.6 | 16 |
| 125 | Cooking up Diverse Diets: Advancing Biodiversity in Food and Agriculture through Collaborations with Chefs. <i>Crop Science</i> , 2019, 59, 2381-2386. | 0.8 | 6 |
| 126 | Sustainable Diets in the UK – Developing a Systematic Framework to Assess the Environmental Impact, Cost and Nutritional Quality of Household Food Purchases. <i>Sustainability</i> , 2019, 11, 4974. | 1.6 | 13 |
| 127 | Comparing the Environmental Impacts of Meatless and Meat-Containing Meals in the United States. <i>Sustainability</i> , 2019, 11, 6235. | 1.6 | 21 |
| 129 | Assessing the sustainability of post-Green Revolution cereals in India. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25034-25041. | 3.3 | 75 |
| 130 | Acceleration of global N ₂ O emissions seen from two decades of atmospheric inversion. <i>Nature Climate Change</i> , 2019, 9, 993-998. | 8.1 | 229 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 131 | Comparing the cost of essential nutrients from different food sources in the American diet using NHANES 2011–2014. <i>Nutrition Journal</i> , 2019, 18, 68. | 1.5 | 25 |
| 132 | Vegetarian Diets: Planetary Health and Its Alignment with Human Health. <i>Advances in Nutrition</i> , 2019, 10, S380-S388. | 2.9 | 135 |
| 133 | The Dynamics of Climate Change Adaptation in Sub-Saharan Africa: A Review of Climate-Smart Agriculture among Small-Scale Farmers. <i>Climate</i> , 2019, 7, 132. | 1.2 | 68 |
| 134 | Meat Consumption Does Not Explain Differences in Household Food Carbon Footprints in Japan. <i>One Earth</i> , 2019, 1, 464-471. | 3.6 | 34 |
| 135 | We Can't Keep Meating Like This: Attitudes towards Vegetarian and Vegan Diets in the United Kingdom. <i>Sustainability</i> , 2019, 11, 6844. | 1.6 | 135 |
| 136 | Opportunity for a Dietary Win-Win-Win in Nutrition, Environment, and Animal Welfare. <i>One Earth</i> , 2019, 1, 349-360. | 3.6 | 36 |
| 137 | The Water Footprint of Diets: A Global Systematic Review and Meta-analysis. <i>Advances in Nutrition</i> , 2020, 11, 375-386. | 2.9 | 85 |
| 138 | Anatomy and resilience of the global production ecosystem. <i>Nature</i> , 2019, 575, 98-108. | 13.7 | 203 |
| 139 | Target Strength and swimbladder morphology of Mueller's pearlside (<i>Maurolucus muelleri</i>). <i>Scientific Reports</i> , 2019, 9, 17311. | 1.6 | 25 |
| 140 | Improving phosphorus sustainability of sugarcane production in Brazil. <i>GCB Bioenergy</i> , 2019, 11, 1444-1455. | 2.5 | 37 |
| 141 | Cash transfers for pro-poor carbon taxes in Latin America and the Caribbean. <i>Nature Sustainability</i> , 2019, 2, 941-948. | 11.5 | 49 |
| 142 | Food Neophobia or Distrust of Novelty? Exploring Consumers' Attitudes toward GMOs, Insects and Cultured Meat. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4440. | 1.3 | 39 |
| 143 | SDG 2: Zero Hunger – Challenging the Hegemony of Monoculture Agriculture for Forests and People. , 2019, , 48-71. | | 8 |
| 144 | The effect of bigger human bodies on the future global calorie requirements. <i>PLoS ONE</i> , 2019, 14, e0223188. | 1.1 | 13 |
| 145 | The impact of reduced red and processed meat consumption on cardiovascular risk factors; an intervention trial in healthy volunteers. <i>Food and Function</i> , 2019, 10, 6690-6698. | 2.1 | 12 |
| 146 | Association Mapping Considering Allele Dosage: An Example of Forage Traits in an Interspecific Segmental Allotetraploid <i>Urochloa</i> spp. Panel. <i>Crop Science</i> , 2019, 59, 2062-2076. | 0.8 | 5 |
| 147 | A model for cutting food waste in municipal kitchens: The Gothenburg case study. <i>Advances in Food Security and Sustainability</i> , 2019, 4, 193-218. | 0.7 | 1 |
| 148 | From myths to action. <i>Nature Climate Change</i> , 2019, 9, 8-9. | 8.1 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 149 | To be or not to be for humankind - organic diets revisited for a sustainable development. Sustainable Earth, 2019, 2, . | 1.3 | 3 |
| 150 | Leveraging total factor productivity growth for sustainable and resilient farming. Nature Sustainability, 2019, 2, 22-28. | 11.5 | 93 |
| 151 | Technologically achievable soil organic carbon sequestration in world croplands and grasslands. Land Degradation and Development, 2019, 30, 25-32. | 1.8 | 34 |
| 152 | Optimization of the environmental performance of food diets in Peru combining linear programming and life cycle methods. Science of the Total Environment, 2020, 699, 134231. | 3.9 | 20 |
| 153 | Linking global crop and livestock consumption to local production hotspots. Global Food Security, 2020, 25, 100323. | 4.0 | 23 |
| 154 | Towards resolving the phosphorus chaos created by food systems. Ambio, 2020, 49, 1076-1089. | 2.8 | 41 |
| 155 | Efficiency assessment of diets in the Spanish regions: A multi-criteria cross-cutting approach. Journal of Cleaner Production, 2020, 242, 118491. | 4.6 | 18 |
| 156 | Effect of food-related behavioral activation therapy on food intake and the environmental impact of the diet: results from the MoodFOOD prevention trial. European Journal of Nutrition, 2020, 59, 2579-2591. | 1.8 | 15 |
| 157 | Growth in human population and consumption both need to be addressed to reach an ecologically sustainable future. Environment, Development and Sustainability, 2020, 22, 4979-4998. | 2.7 | 41 |
| 158 | Emerging chemical and physical disinfection technologies of fruits and vegetables: a comprehensive review. Critical Reviews in Food Science and Nutrition, 2020, 60, 2481-2508. | 5.4 | 131 |
| 159 | Making Sense of "Food" Animals. , 2020, , . | | 18 |
| 160 | Phosphorus recovered from digestate by hydrothermal processes with struvite crystallization and its potential as a fertilizer. Science of the Total Environment, 2020, 698, 134240. | 3.9 | 69 |
| 161 | Projecting terrestrial biodiversity intactness with GLOBIO 4. Global Change Biology, 2020, 26, 760-771. | 4.2 | 94 |
| 162 | Benefits and trade-offs of replacing synthetic fertilizers by animal manures in crop production in China: A meta-analysis. Global Change Biology, 2020, 26, 888-900. | 4.2 | 217 |
| 163 | Which practices co-deliver food security, climate change mitigation and adaptation, and combat land degradation and desertification?. Global Change Biology, 2020, 26, 1532-1575. | 4.2 | 164 |
| 164 | Towards redesign at scale through zero budget natural farming in Andhra Pradesh, India. International Journal of Agricultural Sustainability, 2020, 18, 1-20. | 1.3 | 41 |
| 165 | Restaurant's Multidimensional Evaluation Concerning Food Quality, Service, and Sustainable Practices: A Cross-National Case Study of Poland and Lithuania. Sustainability, 2020, 12, 234. | 1.6 | 32 |
| 166 | Arbuscular mycorrhiza contributes to the control of phosphorus loss in paddy fields. Plant and Soil, 2020, 447, 623-636. | 1.8 | 22 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 167 | Improving the recipe for culinary and food tourism? The need for a new menu. <i>Tourism Recreation Research</i> , 2020, 45, 284-287. | 3.3 | 27 |
| 168 | Importance and vulnerability of the world's water towers. <i>Nature</i> , 2020, 577, 364-369. | 13.7 | 885 |
| 169 | How Consumers in the UK and Spain Value the Coexistence of the Claims Low Fat, Local, Organic and Low Greenhouse Gas Emissions. <i>Nutrients</i> , 2020, 12, 120. | 1.7 | 20 |
| 170 | Diversity of the metabolic profiles of a broad range of lactic acid bacteria in soy juice fermentation. <i>Food Microbiology</i> , 2020, 89, 103410. | 2.1 | 38 |
| 171 | Changes in dietary carbon footprint over ten years relative to individual characteristics and food intake in the Västerbotten Intervention Programme. <i>Scientific Reports</i> , 2020, 10, 20. | 1.6 | 32 |
| 172 | Comment on "Powering sustainable development within planetary boundaries" by I. M. Algunaibet, C. Pozo, A. Galán-Martín, M. A. J. Huijbregts, N. Mac Dowell and G. Guillón-Gosálbez, <i>Energy Environ. Sci.</i> , 2019, 12, 1890. <i>Energy and Environmental Science</i> , 2020, 13, 310-312. | 15.6 | 1 |
| 173 | Scientists call for renewed Paris pledges to transform agriculture. <i>Lancet Planetary Health</i> , The, 2020, 4, e9-e10. | 5.1 | 15 |
| 174 | Organic amendment mitigates the negative impacts of mineral fertilization on bacterial communities in Shajiang black soil. <i>Applied Soil Ecology</i> , 2020, 150, 103457. | 2.1 | 24 |
| 175 | Potential of faba bean lipase and lipoxygenase to promote formation of volatile lipid oxidation products in food models. <i>Food Chemistry</i> , 2020, 311, 125982. | 4.2 | 44 |
| 176 | Modelling alternative management scenarios of economic and environmental sustainability of beef finishing systems. <i>Journal of Cleaner Production</i> , 2020, 253, 119888. | 4.6 | 18 |
| 177 | Assessing the environmental impacts of halving food loss and waste along the food supply chain. <i>Science of the Total Environment</i> , 2020, 712, 136255. | 3.9 | 109 |
| 178 | A systems examination of school food recovery in Northern Colorado. <i>Resources, Conservation and Recycling</i> , 2020, 154, 104529. | 5.3 | 9 |
| 179 | Using an anaerobic digestion tank as the anodic chamber of an algae-assisted microbial fuel cell to improve energy production from food waste. <i>Water Research</i> , 2020, 170, 115305. | 5.3 | 30 |
| 180 | Toward sustainable dietary patterns under a water-energy-food nexus life cycle thinking approach. <i>Current Opinion in Environmental Science and Health</i> , 2020, 13, 61-67. | 2.1 | 25 |
| 181 | Barley production in Spain and Italy: Environmental comparison between different cultivation practices. <i>Science of the Total Environment</i> , 2020, 707, 135982. | 3.9 | 16 |
| 182 | Healthy low nitrogen footprint diets. <i>Global Food Security</i> , 2020, 24, 100342. | 4.0 | 17 |
| 183 | The Effects of Oil Extraction Methods on Recovery Yield and Emulsifying Properties of Proteins from Rapeseed Meal and Press Cake. <i>Foods</i> , 2020, 9, 19. | 1.9 | 48 |
| 184 | A method to estimate the environmental impacts from genetic change in pig production systems. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 523-537. | 2.2 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 185 | Towards the circular nitrogen economy – A global meta-analysis of composting technologies reveals much potential for mitigating nitrogen losses. <i>Science of the Total Environment</i> , 2020, 704, 135401. | 3.9 | 54 |
| 186 | Human impacts on planetary boundaries amplified by Earth system interactions. <i>Nature Sustainability</i> , 2020, 3, 119-128. | 11.5 | 217 |
| 187 | Human ecology and food discourses in a smallholder agricultural system in Leyte, The Philippines. <i>Agriculture and Human Values</i> , 2020, 37, 719-741. | 1.7 | 7 |
| 188 | Climate change enforces to look beyond the plant – the example of pollinators. <i>Current Opinion in Plant Biology</i> , 2020, 56, 162-167. | 3.5 | 5 |
| 189 | Dynamics of the double burden of malnutrition and the changing nutrition reality. <i>Lancet</i> , The, 2020, 395, 65-74. | 6.3 | 753 |
| 190 | Exploring (non-)meat eating and –translated cuisines– out of home: Evidence from three English cities. <i>International Journal of Consumer Studies</i> , 2020, 44, 25-32. | 7.2 | 7 |
| 191 | Novel entities and technologies: Environmental benefits and risks. <i>Environmental Science and Policy</i> , 2020, 105, 134-143. | 2.4 | 25 |
| 192 | A global environmental health perspective and optimisation of stress. <i>Science of the Total Environment</i> , 2020, 704, 135263. | 3.9 | 97 |
| 193 | The Ethics of Laying Hen Genetics. <i>Journal of Agricultural and Environmental Ethics</i> , 2020, 33, 15-36. | 0.9 | 29 |
| 194 | Using local initiatives to envision sustainable and resilient food systems in the Stockholm city-region. <i>Global Food Security</i> , 2020, 24, 100334. | 4.0 | 26 |
| 195 | Reviewing the impact of sustainability certification on food security in developing countries. <i>Global Food Security</i> , 2020, 24, 100337. | 4.0 | 52 |
| 196 | Delivering on the Promise of Biological Control in Asia's Food Systems: A Humboldtian Perspective. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, . | 1.8 | 2 |
| 197 | Nutrition-Oriented Reformulation of Extruded Cereals and Associated Environmental Footprint: A Case Study. <i>Foods</i> , 2020, 9, 1260. | 1.9 | 0 |
| 198 | Towards Win-Win Policies for Healthy and Sustainable Diets in Switzerland. <i>Nutrients</i> , 2020, 12, 2745. | 1.7 | 12 |
| 199 | Impact of a Scalable, Multi-Campus –Foodprint– Seminar on College Students'™ Dietary Intake and Dietary Carbon Footprint. <i>Nutrients</i> , 2020, 12, 2890. | 1.7 | 22 |
| 200 | A Worldwide Hotspot Analysis on Food Loss and Waste, Associated Greenhouse Gas Emissions, and Protein Losses. <i>Sustainability</i> , 2020, 12, 7488. | 1.6 | 23 |
| 201 | How Will Mechanizing Mung Bean Harvesting Affect Women Hired Laborers in Myanmar and Bangladesh?. <i>Sustainability</i> , 2020, 12, 7870. | 1.6 | 6 |
| 202 | The Water Footprint of Global Food Production. <i>Water (Switzerland)</i> , 2020, 12, 2696. | 1.2 | 90 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 203 | Energy perspective of Sino-US trade imbalance in global supply chains. <i>Energy Economics</i> , 2020, 92, 104959. | 5.6 | 20 |
| 204 | Vegetable-Oil-Based Intelligent Ink for Oxygen Sensing. <i>ACS Sensors</i> , 2020, 5, 3274-3280. | 4.0 | 5 |
| 205 | No Home without Hormones: How Plant Hormones Control Legume Nodule Organogenesis. <i>Plant Communications</i> , 2020, 1, 100104. | 3.6 | 58 |
| 206 | Plant extinction excels plant speciation in the Anthropocene. <i>BMC Plant Biology</i> , 2020, 20, 430. | 1.6 | 18 |
| 207 | Yield, yield stability and farmers'™ preferences of evolutionary populations of bread wheat: A dynamic solution to climate change. <i>European Journal of Agronomy</i> , 2020, 121, 126156. | 1.9 | 25 |
| 208 | SIMPLE-G: A multiscale framework for integration of economic and biophysical determinants of sustainability. <i>Environmental Modelling and Software</i> , 2020, 133, 104805. | 1.9 | 19 |
| 209 | China at a Crossroads: An Analysis of China's Changing Seafood Production and Consumption. <i>One Earth</i> , 2020, 3, 32-44. | 3.6 | 70 |
| 210 | Mobilizing Ecological Processes for Herbivore Production: Farmers and Researchers Learning Together. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, . | 1.8 | 15 |
| 211 | Beyond Sustainability in Food Systems: Perspectives from Agroecology and Social Innovation. <i>Sustainability</i> , 2020, 12, 7524. | 1.6 | 31 |
| 212 | Characterization of the Nutritional Composition of a Biotechnologically Produced Oyster Mushroom and its Physiological Effects in Obese Zucker Rats. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000591. | 1.5 | 7 |
| 213 | Transformation of agricultural landscapes in the Anthropocene: Nature's contributions to people, agriculture and food security. <i>Advances in Ecological Research</i> , 2020, 63, 193-253. | 1.4 | 56 |
| 214 | A proposal for enhanced EU herbage VCU and DUS testing procedures. <i>Grass and Forage Science</i> , 2020, 75, 227-241. | 1.2 | 15 |
| 215 | Optimized crop rotations increase biomass production without significantly changing soil carbon and nitrogen stock. <i>Ecological Indicators</i> , 2020, 117, 106669. | 2.6 | 28 |
| 216 | The healthiness and sustainability of national and global food based dietary guidelines: modelling study. <i>BMJ, The</i> , 2020, 370, m2322. | 3.0 | 225 |
| 217 | Tracking the carbon emissions of Denmark's five regions from a producer and consumer perspective. <i>Ecological Economics</i> , 2020, 177, 106778. | 2.9 | 11 |
| 218 | A research vision for food systems in the 2020s: Defying the status quo. <i>Global Food Security</i> , 2020, 26, 100397. | 4.0 | 78 |
| 219 | Plant-based food and protein trend from a business perspective: markets, consumers, and the challenges and opportunities in the future. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 3119-3128. | 5.4 | 234 |
| 221 | Food systems for resilient futures. <i>Food Security</i> , 2020, 12, 853-857. | 2.4 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 222 | Nutrition in New Zealand: Can the Past Offer Lessons for the Present and Guidance for the Future?. <i>Nutrients</i> , 2020, 12, 3433. | 1.7 | 3 |
| 223 | The ongoing nutrition transition thwarts long-term targets for food security, public health and environmental protection. <i>Scientific Reports</i> , 2020, 10, 19778. | 1.6 | 85 |
| 224 | Changes in Phosphorus Fractions and Its Availability Status in Relation to Long Term P Fertilization in Loess Plateau of China. <i>Agronomy</i> , 2020, 10, 1818. | 1.3 | 26 |
| 225 | A new understanding and evaluation of food sustainability in six different food systems in Kenya and Bolivia. <i>Scientific Reports</i> , 2020, 10, 19145. | 1.6 | 14 |
| 227 | Restoring farmlands for food and nature. <i>One Earth</i> , 2020, 3, 665-668. | 3.6 | 8 |
| 228 | Defining healthy and sustainable diets for infants, children and adolescents. <i>Global Food Security</i> , 2020, 27, 100401. | 4.0 | 31 |
| 229 | Water Resources for Sustainable Healthy Diets: State of the Art and Outlook. <i>Water (Switzerland)</i> , 2020, 12, 3224. | 1.2 | 13 |
| 230 | Sustainable Agricultural Systems: A Bibliometrics Analysis of Ecological Modernization Approach. <i>Sustainability</i> , 2020, 12, 9635. | 1.6 | 20 |
| 231 | The Future of Food: Environmental Lessons from E-Commerce. <i>Environmental Science & Technology</i> , 2020, 54, 14776-14784. | 4.6 | 15 |
| 232 | Human carnivory as a major driver of vertebrate extinction. <i>Perspectives in Ecology and Conservation</i> , 2020, 18, 283-293. | 1.0 | 3 |
| 233 | Bridging the gap between the science of cultured meat and public perceptions. <i>Trends in Food Science and Technology</i> , 2020, 104, 144-152. | 7.8 | 61 |
| 234 | How to protect both health and food system sustainability? A holistic "global health"-based approach via the 3V rule proposal. <i>Public Health Nutrition</i> , 2020, 23, 3028-3044. | 1.1 | 22 |
| 235 | Transboundary Environmental Footprints of the Urban Food Supply Chain and Mitigation Strategies. <i>Environmental Science & Technology</i> , 2020, 54, 10460-10471. | 4.6 | 28 |
| 236 | Holistic assessment of the microbiome dynamics in the substrates used for commercial champignon (<i>Agaricus bisporus</i>) cultivation. <i>Microbial Biotechnology</i> , 2020, 13, 1933-1947. | 2.0 | 31 |
| 237 | Moral judgments of food wasting predict food wasting behavior. <i>British Food Journal</i> , 2020, 122, 3547-3565. | 1.6 | 14 |
| 238 | Biorefinery-assisted soil management for enhancing food security. <i>Journal of Soils and Sediments</i> , 2020, 20, 4007-4010. | 1.5 | 3 |
| 239 | Consumer's food waste in different restaurants configuration: A comparison between different levels of incentive and interaction. <i>Waste Management</i> , 2020, 114, 263-273. | 3.7 | 49 |
| 240 | Challenges of Food Waste Governance: An Assessment of European Legislation on Food Waste and Recommendations for Improvement by Economic Instruments. <i>Land</i> , 2020, 9, 231. | 1.2 | 52 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 241 | The role of reducing food waste for resilient food systems. <i>Ecosystem Services</i> , 2020, 45, 101140. | 2.3 | 48 |
| 242 | Estimating the global potential of water harvesting from successful case studies. <i>Global Environmental Change</i> , 2020, 63, 102121. | 3.6 | 33 |
| 243 | Demographic Scenarios of Future Environmental Footprints of Healthy Diets in China. <i>Foods</i> , 2020, 9, 1021. | 1.9 | 8 |
| 244 | Changing diets and the transformation of the global food system. <i>Annals of the New York Academy of Sciences</i> , 2020, 1478, 3-17. | 1.8 | 55 |
| 245 | Slaughter cattle to secure food calories and reduce agricultural greenhouse gas emissions? Some prospective estimates for France. <i>Review of Agricultural Food and Environmental Studies</i> , 2020, 101, 67-90. | 0.2 | 2 |
| 246 | Insects as food and feed, a new emerging agricultural sector: a review. <i>Journal of Insects As Food and Feed</i> , 2020, 6, 27-44. | 2.1 | 239 |
| 247 | Eating to save the planet: Evidence from a randomized controlled trial using individual-level food purchase data. <i>Food Policy</i> , 2020, 95, 101950. | 2.8 | 50 |
| 248 | Managing Soils for Recovering from the COVID-19 Pandemic. <i>Soil Systems</i> , 2020, 4, 46. | 1.0 | 51 |
| 249 | Is there a win-win scenario with increased beef quality and reduced consumption?. <i>Review of Agricultural Food and Environmental Studies</i> , 2020, 101, 91-116. | 0.2 | 3 |
| 250 | Nutritional Quality and Health Effects of Low Environmental Impact Diets: The Seguimiento Universidad de Navarra (SUN) Cohort. <i>Nutrients</i> , 2020, 12, 2385. | 1.7 | 10 |
| 251 | Nutrition Transition and Climate Risks in Nigeria: Moving Towards Food Systems Policy Coherence. <i>Current Environmental Health Reports</i> , 2020, 7, 392-403. | 3.2 | 15 |
| 252 | Children older than five years do not approve of wasting food: An experimental study on attitudes towards food wasting behavior in children and adults. <i>Journal of Environmental Psychology</i> , 2020, 71, 101467. | 2.3 | 13 |
| 253 | Veganism as Left Praxis. <i>Capitalism, Nature, Socialism</i> , 2022, 33, 56-75. | 0.9 | 11 |
| 254 | Transition from Animal-Based to Plant-Based Food Production to Reduce Greenhouse Gas Emissions from Agriculture—The Case of Denmark. <i>Sustainability</i> , 2020, 12, 8228. | 1.6 | 19 |
| 255 | Evaluating Animal-Based Foods and Plant-Based Alternatives Using Multi-Criteria and SWOT Analyses. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7969. | 1.2 | 21 |
| 256 | Deciphering the Biodiversity-Production Mutualism in the Global Food Security Debate. <i>Trends in Ecology and Evolution</i> , 2020, 35, 1011-1020. | 4.2 | 54 |
| 257 | Healthy diets can create environmental trade-offs, depending on how diet quality is measured. <i>Nutrition Journal</i> , 2020, 19, 117. | 1.5 | 26 |
| 258 | Is global dietary change an effective strategy to curb climate change?. <i>BMJ Nutrition, Prevention and Health</i> , 2020, 3, 121-122. | 1.9 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 259 | A Net Energy Analysis of the Global Agriculture, Aquaculture, Fishing and Forestry System. <i>Biophysical Economics and Sustainability</i> , 2020, 5, 1. | 0.7 | 8 |
| 261 | Embodied public experiments on sustainable eating: demonstrating alternative proteins in Finnish schools. <i>Sustainability: Science, Practice, and Policy</i> , 2020, 16, 184-196. | 1.1 | 4 |
| 262 | From isolated labels and nudges to sustained tinkering: assessing long-term changes in sustainable eating at a lunch restaurant. <i>British Food Journal</i> , 2020, 122, 3313-3329. | 1.6 | 28 |
| 263 | Evaluating the Portuguese diet in the pursuit of a lower carbon and healthier consumption pattern. <i>Climatic Change</i> , 2020, 162, 2397-2409. | 1.7 | 10 |
| 264 | A Review of Antimicrobial Resistance in Poultry Farming within Low-Resource Settings. <i>Animals</i> , 2020, 10, 1264. | 1.0 | 103 |
| 265 | Transitioning European Protein-Rich Food Consumption and Production towards More Sustainable Patterns—Strategies and Policy Suggestions. <i>Sustainability</i> , 2020, 12, 1962. | 1.6 | 13 |
| 266 | Ecological pest control fortifies agricultural growth in Asia—Pacific economies. <i>Nature Ecology and Evolution</i> , 2020, 4, 1522-1530. | 3.4 | 39 |
| 267 | The Climate and Nutritional Impact of Beef in Different Dietary Patterns in Denmark. <i>Foods</i> , 2020, 9, 1176. | 1.9 | 14 |
| 268 | Mapping U.S. Food System Localization Potential: The Impact of Diet on Foodsheds. <i>Environmental Science & Technology</i> , 2020, 54, 12434-12446. | 4.6 | 15 |
| 269 | Improving Climate Change Mitigation Analysis: A Framework for Examining Feasibility. <i>One Earth</i> , 2020, 3, 325-336. | 3.6 | 48 |
| 270 | Evaluating recycling fertilizers for tomato cultivation in hydroponics, and their impact on greenhouse gas emissions. <i>Environmental Science and Pollution Research</i> , 2021, 28, 59284-59303. | 2.7 | 20 |
| 271 | The 10 Elements of Agroecology: enabling transitions towards sustainable agriculture and food systems through visual narratives. <i>Ecosystems and People</i> , 2020, 16, 230-247. | 1.3 | 104 |
| 272 | Food production in China requires intensified measures to be consistent with national and provincial environmental boundaries. <i>Nature Food</i> , 2020, 1, 572-582. | 6.2 | 80 |
| 273 | Strategies for food system sustainability in China. <i>Nature Food</i> , 2020, 1, 533-534. | 6.2 | 2 |
| 274 | Bending the curve of terrestrial biodiversity needs an integrated strategy. <i>Nature</i> , 2020, 585, 551-556. | 13.7 | 413 |
| 275 | Strategies for Sustainable Substitution of Livestock Meat. <i>Foods</i> , 2020, 9, 1227. | 1.9 | 37 |
| 276 | Ecosystem Functions of Microbial Consortia in Sustainable Agriculture. <i>Agronomy</i> , 2020, 10, 1902. | 1.3 | 30 |
| 277 | Implications of Temperate Agroforestry on Sheep and Cattle Productivity, Environmental Impacts and Enterprise Economics. A Systematic Evidence Map. <i>Forests</i> , 2020, 11, 1321. | 0.9 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 278 | The Role of Healthy Diets in Environmentally Sustainable Food Systems. <i>Food and Nutrition Bulletin</i> , 2020, 41, 31S-58S. | 0.5 | 27 |
| 279 | Calculation of external climate costs for food highlights inadequate pricing of animal products. <i>Nature Communications</i> , 2020, 11, 6117. | 5.8 | 47 |
| 280 | Use of Mineral Weathering Bacteria to Enhance Nutrient Availability in Crops: A Review. <i>Frontiers in Plant Science</i> , 2020, 11, 590774. | 1.7 | 49 |
| 281 | Human Rights and Precautionary Principle: Limits to Geoengineering, SRM, and IPCC Scenarios. <i>Sustainability</i> , 2020, 12, 8858. | 1.6 | 37 |
| 282 | Global food system emissions could preclude achieving the 1.5Å° and 2Å°C climate change targets. <i>Science</i> , 2020, 370, 705-708. | 6.0 | 496 |
| 283 | Stakeholder Perceptions of Policy Tools in Support of Sustainable Food Consumption in Europe: Policy Implications. <i>Sustainability</i> , 2020, 12, 7161. | 1.6 | 14 |
| 284 | The Balancing Actâ€”Nutrition and Sustainability. <i>Nutrition Today</i> , 2020, 55, 86-92. | 0.6 | 3 |
| 285 | Sustainable food system policies need to address environmental pressures and impacts: The example of water use and water stress. <i>Science of the Total Environment</i> , 2020, 730, 139151. | 3.9 | 29 |
| 286 | Effects of single and multiple species inocula of arbuscular mycorrhizal fungi on the salinity tolerance of a Bangladeshi rice (<i>Oryza sativa</i> L.) cultivar. <i>Mycorrhiza</i> , 2020, 30, 431-444. | 1.3 | 37 |
| 287 | The Boundaries of the Planetary Boundary Framework: A Critical Appraisal of Approaches to Define a â€œSafe Operating Spaceâ€”for Humanity. <i>Annual Review of Environment and Resources</i> , 2020, 45, 497-521. | 5.6 | 88 |
| 288 | Predicting Nutrient Incontinence in the Anthropocene at Watershed Scales. <i>Frontiers in Environmental Science</i> , 2020, 7, . | 1.5 | 39 |
| 289 | Cropland Footprints of Australian Dietary Choices. <i>Nutrients</i> , 2020, 12, 1212. | 1.7 | 24 |
| 290 | Modelling spatio-temporal patterns of soil carbon and greenhouse gas emissions in grazing lands: Current status and prospects. <i>Science of the Total Environment</i> , 2020, 739, 139092. | 3.9 | 23 |
| 291 | Advanced analytics, phenomics and biotechnology approaches to enhance genetic gains in plant breeding. <i>Advances in Agronomy</i> , 2020, 162, 89-142. | 2.4 | 8 |
| 292 | Innovation can accelerate the transition towards a sustainable food system. <i>Nature Food</i> , 2020, 1, 266-272. | 6.2 | 285 |
| 293 | Snakes and ladders: World development pathwaysâ€™ synergies and trade-offs through the lens of the Sustainable Development Goals. <i>Journal of Cleaner Production</i> , 2020, 267, 122147. | 4.6 | 36 |
| 294 | Food Waste: Ethical Imperatives & Complexities. <i>Physiology and Behavior</i> , 2020, 223, 112927. | 1.0 | 6 |
| 295 | Regional land use efficiency and nutritional quality of protein production. <i>Global Food Security</i> , 2020, 26, 100386. | 4.0 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 296 | Modeling nitrogen flow in a coastal city—A case study of Xiamen in 2015. <i>Science of the Total Environment</i> , 2020, 735, 139294. | 3.9 | 11 |
| 297 | Guiding the design space for nanotechnology to advance sustainable crop production. <i>Nature Nanotechnology</i> , 2020, 15, 801-810. | 15.6 | 119 |
| 298 | Soil science beyond COVID-19. <i>Journal of Soils and Water Conservation</i> , 2020, 75, 79A-81A. | 0.8 | 24 |
| 299 | The distribution of functional N-cycle related genes and ammonia and nitrate nitrogen in soil profiles fertilized with mineral and organic N fertilizer. <i>PLoS ONE</i> , 2020, 15, e0228364. | 1.1 | 11 |
| 300 | Feeding the melting pot: inclusive strategies for the multi-ethnic city. <i>Agriculture and Human Values</i> , 2020, 37, 1027-1040. | 1.7 | 10 |
| 301 | Is India Ready for Alt-Meat? Preferences and Willingness to Pay for Meat Alternatives. <i>Sustainability</i> , 2020, 12, 4377. | 1.6 | 35 |
| 302 | Policy packaging can make food system transformation feasible. <i>Nature Food</i> , 2020, 1, 173-182. | 6.2 | 55 |
| 303 | Intensive farming drives long-term shifts in avian community composition. <i>Nature</i> , 2020, 579, 393-396. | 13.7 | 81 |
| 304 | Perspectives on “Game Changer” Global Challenges for Sustainable 21st Century: Plant-Based Diet, Unavoidable Food Waste Biorefining, and Circular Economy. <i>Sustainability</i> , 2020, 12, 1976. | 1.6 | 67 |
| 305 | Agriculture and the Disruption of Plant–Microbial Symbiosis. <i>Trends in Ecology and Evolution</i> , 2020, 35, 426-439. | 4.2 | 81 |
| 306 | Social and environmental analysis of food waste abatement via the peer-to-peer sharing economy. <i>Nature Communications</i> , 2020, 11, 1156. | 5.8 | 65 |
| 307 | Development perspectives for the bio-based economy. , 2020, , 41-78. | | 4 |
| 308 | Greenhouse gas emissions, energy demand and land use associated with omnivorous, pesco-vegetarian, vegetarian, and vegan diets accounting for farming practices. <i>Sustainable Production and Consumption</i> , 2020, 22, 138-146. | 5.7 | 48 |
| 309 | Multi-Scale Evaluation of Suzhou City’s Sustainable Development Level Based on the Sustainable Development Goals Framework. <i>Sustainability</i> , 2020, 12, 976. | 1.6 | 7 |
| 310 | Roadmap for Accelerated Domestication of an Emerging Perennial Grain Crop. <i>Trends in Plant Science</i> , 2020, 25, 525-537. | 4.3 | 65 |
| 311 | Quantifying Nutrient Budgets for Sustainable Nutrient Management. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2018GB006060. | 1.9 | 96 |
| 312 | Investigating the potential for genetic improvement of nitrogen and phosphorus efficiency in a Swiss large white pig population using chemical analysis. <i>Journal of Animal Breeding and Genetics</i> , 2020, 137, 545-558. | 0.8 | 17 |
| 313 | Livestock policy for sustainable development. <i>Nature Food</i> , 2020, 1, 160-165. | 6.2 | 97 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 314 | Sustainable development must account for pandemic risk. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3888-3892. | 3.3 | 223 |
| 315 | A Knowledge Brokering Framework for Integrated Landscape Management. Frontiers in Sustainable Food Systems, 2020, 4, . | 1.8 | 20 |
| 316 | Agroecology for adaptation to climate change and resource depletion in the Mediterranean region. A review. Agricultural Systems, 2020, 181, 102809. | 3.2 | 90 |
| 317 | Drivers of the Growing Water, Carbon and Ecological Footprints of the Chinese Diet from 1961 to 2017. International Journal of Environmental Research and Public Health, 2020, 17, 1803. | 1.2 | 33 |
| 318 | Trends in the food nitrogen and phosphorus footprints for Asia's giants: China, India, and Japan. Resources, Conservation and Recycling, 2020, 157, 104752. | 5.3 | 36 |
| 319 | Nutritional and environmental co-benefits of shifting to "Planetary Health"-Spanish tapas. Journal of Cleaner Production, 2020, 271, 122561. | 4.6 | 10 |
| 320 | Will the plant-based movement redefine physicians'™ understanding of chronic disease?. New Bioethics, 2020, 26, 141-157. | 0.5 | 17 |
| 321 | Prospects for the accelerated improvement of the resilient crop quinoa. Journal of Experimental Botany, 2020, 71, 5333-5347. | 2.4 | 49 |
| 322 | Delineating the Plate Boundaries: A Review of Integrated Metrics for Healthy and Environmentally Sustainable Diets. , 2020, , 339-350. | | 0 |
| 323 | A History of Pigs in China: From Curious Omnivores to Industrial Pork. Journal of Asian Studies, 2020, 79, 865-889. | 0.0 | 17 |
| 324 | Nitrogen emissions along global livestock supply chains. Nature Food, 2020, 1, 437-446. | 6.2 | 160 |
| 325 | Exploring the future of land use and food security: A new set of global scenarios. PLoS ONE, 2020, 15, e0235597. | 1.1 | 71 |
| 326 | Toward Healthy Diets from Sustainable Food Systems. Current Developments in Nutrition, 2020, 4, nzaa083. | 0.1 | 39 |
| 327 | Combustion behavior and fire security of storage grains before and after mildew. Journal of Fire Sciences, 2020, 38, 395-411. | 0.9 | 8 |
| 328 | Thermodynamic Signatures of the Origin of Anti-Hofmeister Selectivity for Phosphate at Aqueous Interfaces. Journal of Physical Chemistry A, 2020, 124, 5621-5630. | 1.1 | 23 |
| 330 | Artificial intelligence in the design of the transitions to sustainable food systems. Journal of Cleaner Production, 2020, 271, 122574. | 4.6 | 61 |
| 331 | Evaluating and expanding the European Union's protected area network toward potential post-2020 coverage targets. Conservation Biology, 2020, 34, 654-665. | 2.4 | 22 |
| 332 | How to transition to reduced-meat diets that benefit people and the planet. Science of the Total Environment, 2020, 718, 137208. | 3.9 | 80 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 333 | Circular bio-based production systems in the context of current biomass and fossil demand. <i>Biofuels, Bioproducts and Biorefining</i> , 2020, 14, 187-197. | 1.9 | 27 |
| 334 | Palatable disruption: the politics of plant milk. <i>Agriculture and Human Values</i> , 2020, 37, 945-962. | 1.7 | 38 |
| 335 | The role of resilience in food system studies in low- and middle-income countries. <i>Global Food Security</i> , 2020, 24, 100356. | 4.0 | 33 |
| 336 | Treenuts and groundnuts in the EAT-Lancet reference diet: Concerns regarding sustainable water use. <i>Global Food Security</i> , 2020, 24, 100357. | 4.0 | 40 |
| 337 | Comparing the Recommended Eating Patterns of the EAT-Lancet Commission and Dietary Guidelines for Americans: Implications for Sustainable Nutrition. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa015. | 0.1 | 40 |
| 338 | Benchmarking the Swedish Diet Relative to Global and National Environmental Targets—Identification of Indicator Limitations and Data Gaps. <i>Sustainability</i> , 2020, 12, 1407. | 1.6 | 43 |
| 339 | Prospects for sustainability of pig production in relation to climate change and novel feed resources. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 3575-3586. | 1.7 | 56 |
| 340 | Stackelberg equilibrium-based eco-economic approach for sustainable development of kitchen waste disposal with subsidy policy: A case study from China. <i>Energy</i> , 2020, 196, 117071. | 4.5 | 24 |
| 341 | Beyond fangs: beef and soybean trade drive jaguar extinction. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 67-68. | 1.9 | 10 |
| 342 | Disgusting or delicious? Examining attitudinal ambivalence towards entomophagy among Danish consumers. <i>Food Quality and Preference</i> , 2020, 83, 103913. | 2.3 | 51 |
| 343 | Diet shift: Considering environment, health and food culture. <i>Science of the Total Environment</i> , 2020, 719, 137484. | 3.9 | 45 |
| 344 | A framework for nitrogen futures in the shared socioeconomic pathways. <i>Global Environmental Change</i> , 2020, 61, 102029. | 3.6 | 30 |
| 345 | Milk and Health. <i>New England Journal of Medicine</i> , 2020, 382, 644-654. | 18.9 | 124 |
| 346 | Cellular agriculture — industrial biotechnology for food and materials. <i>Current Opinion in Biotechnology</i> , 2020, 61, 128-134. | 3.3 | 108 |
| 347 | Breeding animals to feed people: The many roles of animal reproduction in ensuring global food security. <i>Theriogenology</i> , 2020, 150, 27-33. | 0.9 | 27 |
| 348 | Flowering Plants in the Anthropocene: A Political Agenda. <i>Trends in Plant Science</i> , 2020, 25, 349-368. | 4.3 | 28 |
| 349 | Conservationists must address meat and dairy. <i>Science</i> , 2020, 367, 374-374. | 6.0 | 1 |
| 350 | Digging Deeper for Agricultural Resources, the Value of Deep Rooting. <i>Trends in Plant Science</i> , 2020, 25, 406-417. | 4.3 | 127 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 351 | Tipping positive change. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190123. | 1.8 | 70 |
| 352 | Downscaling the planetary boundaries (Pbs) framework to city scale-level: De-risking MENA region's environment future. <i>Environmental and Sustainability Indicators</i> , 2020, 5, 100023. | 1.7 | 21 |
| 353 | Evolution and Future Needs of Food Chemistry in a Changing World. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12956-12971. | 2.4 | 7 |
| 354 | Planet-proofing the global food system. <i>Nature Food</i> , 2020, 1, 3-5. | 6.2 | 205 |
| 355 | Physical and virtual carbon metabolism of global cities. <i>Nature Communications</i> , 2020, 11, 182. | 5.8 | 62 |
| 356 | Multiple long-term observations reveal a strategy for soil pH-dependent fertilization and fungal communities in support of agricultural production. <i>Agriculture, Ecosystems and Environment</i> , 2020, 293, 106837. | 2.5 | 57 |
| 357 | Urban water management: Can UN SDG 6 be met within the Planetary Boundaries?. <i>Environmental Science and Policy</i> , 2020, 106, 36-39. | 2.4 | 23 |
| 358 | Future food self-sufficiency in Iran: A model-based analysis. <i>Global Food Security</i> , 2020, 24, 100351. | 4.0 | 26 |
| 359 | Can we produce more beef without increasing its environmental impact? Argentina as a case study. <i>Perspectives in Ecology and Conservation</i> , 2020, 18, 1-11. | 1.0 | 8 |
| 360 | Fish as an alternative protein – A consumer-oriented perspective on its role in a transition towards more healthy and sustainable diets. <i>Appetite</i> , 2020, 152, 104721. | 1.8 | 21 |
| 361 | Can Attributional Life Cycle Assessment Tell us How to Farm and Eat Sustainably?. <i>Integrated Environmental Assessment and Management</i> , 2020, 16, 400-402. | 1.6 | 1 |
| 362 | Forest Conservation, Rights, and Diets: Untangling the Issues. <i>Frontiers in Forests and Global Change</i> , 2020, 3, . | 1.0 | 15 |
| 363 | Quantities and Quantification Methodologies of Food Waste in Swedish Hospitals. <i>Sustainability</i> , 2020, 12, 3116. | 1.6 | 22 |
| 364 | The Solution to Sustainable Eating Is Not a One-Way Street. <i>Frontiers in Psychology</i> , 2020, 11, 531. | 1.1 | 25 |
| 365 | Potential benefits of using <i>Hermetia illucens</i> frass as a soil amendment on food production and for environmental impact reduction. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020, 25, 100335. | 3.2 | 50 |
| 366 | Cropland footprints from the perspective of productive land scarcity, malnutrition-related health impacts and biodiversity loss. <i>Journal of Cleaner Production</i> , 2020, 260, 121150. | 4.6 | 21 |
| 367 | Nutrients, Foods, Diets, People: Promoting Healthy Eating. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa069. | 0.1 | 16 |
| 368 | Toward Comprehensive Plant Microbiome Research. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, . | 1.1 | 35 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 369 | Agriculture's Historic Twin-Challenge Toward Sustainable Water Use and Food Supply for All. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, . | 1.8 | 30 |
| 370 | Food Environment Typology: Advancing an Expanded Definition, Framework, and Methodological Approach for Improved Characterization of Wild, Cultivated, and Built Food Environments toward Sustainable Diets. <i>Foods</i> , 2020, 9, 532. | 1.9 | 197 |
| 371 | Role of New Plant Breeding Technologies for Food Security and Sustainable Agricultural Development. <i>Applied Economic Perspectives and Policy</i> , 2020, 42, 129-150. | 3.1 | 217 |
| 372 | Environmental effects of sustainability-oriented diet transition in China. <i>Resources, Conservation and Recycling</i> , 2020, 158, 104802. | 5.3 | 41 |
| 373 | Daily cost of consumer food wasted, inedible, and consumed in the United States, 2001â€“2016. <i>Nutrition Journal</i> , 2020, 19, 35. | 1.5 | 35 |
| 374 | The global cropland-sparing potential of high-yield farming. <i>Nature Sustainability</i> , 2020, 3, 281-289. | 11.5 | 121 |
| 375 | Digital agriculture to design sustainable agricultural systems. <i>Nature Sustainability</i> , 2020, 3, 254-256. | 11.5 | 214 |
| 376 | Local food crop production can fulfil demand for less than one-third of the population. <i>Nature Food</i> , 2020, 1, 229-237. | 6.2 | 102 |
| 377 | Research meetings must be more sustainable. <i>Nature Food</i> , 2020, 1, 187-189. | 6.2 | 7 |
| 378 | Global drivers of food system (un)sustainability: A multi-country correlation analysis. <i>PLoS ONE</i> , 2020, 15, e0231071. | 1.1 | 66 |
| 379 | Development of Next-Generation Nutritionally Fortified Plant-Based Milk Substitutes: Structural Design Principles. <i>Foods</i> , 2020, 9, 421. | 1.9 | 102 |
| 380 | Sustainable food protein supply reconciling human and ecosystem health: A Leibniz Position. <i>Global Food Security</i> , 2020, 25, 100367. | 4.0 | 41 |
| 381 | Global food waste across the income spectrum: Implications for food prices, production and resource use. <i>Food Policy</i> , 2021, 98, 101874. | 2.8 | 100 |
| 382 | The environmental impact of reducing food loss and waste: A critical assessment. <i>Food Policy</i> , 2021, 98, 101890. | 2.8 | 51 |
| 383 | Edible insects: applying Bakhtinâ€™s carnivalesque to understand how education practices can help transform young peopleâ€™s eating habits. <i>Children's Geographies</i> , 2021, 19, 13-23. | 1.6 | 7 |
| 384 | Imagining a habitable planet through food and health. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 219-229. | 1.3 | 0 |
| 385 | Using food loss reduction to reach food security and environmental objectives â€“ A search for promising leverage points. <i>Food Policy</i> , 2021, 98, 101915. | 2.8 | 42 |
| 386 | Prospects of insects as food and feed. <i>Organic Agriculture</i> , 2021, 11, 301-308. | 1.2 | 70 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 387 | Integrating climate and food policies in higher education: a case study of the University of California. <i>Climate Policy</i> , 2021, 21, 16-32. | 2.6 | 10 |
| 388 | Identifying the links between consumer food waste, nutrition, and environmental sustainability: a narrative review. <i>Nutrition Reviews</i> , 2021, 79, 301-314. | 2.6 | 31 |
| 389 | Scenarios for Global Aquaculture and Its Role in Human Nutrition. <i>Reviews in Fisheries Science and Aquaculture</i> , 2021, 29, 122-138. | 5.1 | 92 |
| 390 | Integrating sustainability into the multi-criteria assessment of urban dietary patterns. <i>Renewable Agriculture and Food Systems</i> , 2021, 36, 69-76. | 0.8 | 3 |
| 391 | Understanding land use volatility and agglomeration in northern Southeast Asia. <i>Journal of Environmental Management</i> , 2021, 278, 111536. | 3.8 | 11 |
| 392 | Environmental and nutritional profile of food consumption patterns in the different climatic zones of Spain. <i>Journal of Cleaner Production</i> , 2021, 279, 123580. | 4.6 | 11 |
| 393 | Sub-Saharan Africa's food nitrogen and phosphorus footprints: A scenario analysis for 2050. <i>Science of the Total Environment</i> , 2021, 752, 141964. | 3.9 | 18 |
| 394 | Methodological framework for identifying sustainability intervention priority areas on coastal landscapes and its application in China. <i>Science of the Total Environment</i> , 2021, 766, 142603. | 3.9 | 3 |
| 395 | Drip fertigation significantly increased crop yield, water productivity and nitrogen use efficiency with respect to traditional irrigation and fertilization practices: A meta-analysis in China. <i>Agricultural Water Management</i> , 2021, 244, 106534. | 2.4 | 86 |
| 396 | From surplus-to-waste: A study of systemic overproduction, surplus and food waste in horticultural supply chains. <i>Journal of Cleaner Production</i> , 2021, 278, 123952. | 4.6 | 53 |
| 397 | Could the economic crisis explain the reduction in the carbon footprint of food? Evidence from Spain in the last decade. <i>Science of the Total Environment</i> , 2021, 755, 142680. | 3.9 | 13 |
| 398 | Urban water and food security in this century and beyond: Resource-smart cities and residents. <i>Ambio</i> , 2021, 50, 679-692. | 2.8 | 8 |
| 399 | Global environmental and nutritional assessment of national food supply patterns: Insights from a data envelopment analysis approach. <i>Science of the Total Environment</i> , 2021, 755, 142826. | 3.9 | 16 |
| 400 | Potential for using guest attendance forecasting in Swedish public catering to reduce overcatering. <i>Sustainable Production and Consumption</i> , 2021, 25, 162-172. | 5.7 | 8 |
| 401 | A land-based approach for climate change mitigation in the livestock sector. <i>Journal of Cleaner Production</i> , 2021, 283, 124622. | 4.6 | 19 |
| 402 | Rotatinuous™ stocking as a climate-smart grazing management strategy for sheep production. <i>Science of the Total Environment</i> , 2021, 753, 141790. | 3.9 | 13 |
| 403 | A study on the effectiveness of a defined microbial consortium to enhance the microbiological safety of cattle manure. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 2614-2620. | 1.7 | 1 |
| 404 | Multi-criteria evaluation of plant-based foods – use of environmental footprint and LCA data for consumer guidance. <i>Journal of Cleaner Production</i> , 2021, 280, 124721. | 4.6 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 405 | Legacy effects of soil fertility management on cereal dry matter and nitrogen grain yield of organic arable cropping systems. <i>European Journal of Agronomy</i> , 2021, 122, 126169. | 1.9 | 16 |
| 406 | The 2020 report of The Lancet Countdown on health and climate change: responding to converging crises. <i>Lancet, The</i> , 2021, 397, 129-170. | 6.3 | 1,030 |
| 407 | Enhanced phosphate removal from wastewater by recyclable fiber supported quaternary ammonium salts: Highlighting the role of surface polarity. <i>Chemical Engineering Journal</i> , 2021, 416, 127889. | 6.6 | 11 |
| 408 | A systematic review on consumer acceptance of alternative proteins: Pulses, algae, insects, plant-based meat alternatives, and cultured meat. <i>Appetite</i> , 2021, 159, 105058. | 1.8 | 386 |
| 409 | Estimation of the spatial and temporal water footprint of rice production in Bangladesh. <i>Sustainable Production and Consumption</i> , 2021, 25, 511-524. | 5.7 | 12 |
| 410 | The role of nitrogen in achieving sustainable food systems for healthy diets. <i>Global Food Security</i> , 2021, 28, 100408. | 4.0 | 11 |
| 411 | Landscape modification and nutrient-driven instability at a distance. <i>Ecology Letters</i> , 2021, 24, 398-414. | 3.0 | 30 |
| 412 | Replacing synthetic fertilizer by manure requires adjusted technology and incentives: A farm survey across China. <i>Resources, Conservation and Recycling</i> , 2021, 168, 105301. | 5.3 | 39 |
| 413 | Consumption pattern and acceptability of winged termites (<i>Macrotermes bellicosus</i>)-enriched infant complementary foods in Ekiti State, Nigeria. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 2039-2050. | 0.4 | 3 |
| 414 | Consumer preferences for new fermented food products that mix animal and plant protein sources. <i>Food Quality and Preference</i> , 2021, 90, 104117. | 2.3 | 23 |
| 415 | Coping with multiple identities related to meat consumption. <i>Psychology and Marketing</i> , 2021, 38, 159-182. | 4.6 | 20 |
| 416 | A Human Ecological Approach to Policy in the Context of Food and Nutrition Security. , 2021, , 1-26. | | 1 |
| 417 | Analysing European Union circular economy policies: words versus actions. <i>Sustainable Production and Consumption</i> , 2021, 27, 337-353. | 5.7 | 182 |
| 418 | Steering the restoration of degraded agroecosystems during the United Nations Decade on Ecosystem Restoration. <i>Journal of Environmental Management</i> , 2021, 280, 111798. | 3.8 | 34 |
| 419 | Where is the Planetary Boundary for freshwater being exceeded because of livestock farming?. <i>Science of the Total Environment</i> , 2021, 760, 144035. | 3.9 | 10 |
| 420 | Viral infection can reduce the net nitrogen inputs of legume break crops and cover crops. <i>Ecological Applications</i> , 2021, 31, e02241. | 1.8 | 2 |
| 421 | An explorative assessment of environmental and nutritional benefits of introducing low-carbon meals to Barcelona schools. <i>Science of the Total Environment</i> , 2021, 756, 143879. | 3.9 | 23 |
| 422 | Innovative management programme reduces environmental impacts in Chinese vegetable production. <i>Nature Food</i> , 2021, 2, 47-53. | 6.2 | 53 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 423 | The scarcity-weighted water footprint provides unreliable water sustainability scoring. <i>Science of the Total Environment</i> , 2021, 756, 143992. | 3.9 | 43 |
| 424 | What is a footprint? A conceptual analysis of environmental footprint indicators. <i>Journal of Cleaner Production</i> , 2021, 285, 124833. | 4.6 | 62 |
| 425 | A food system fit for the future. , 2021, , 135-148. | | 2 |
| 426 | National-level consumption-based and production-based utilisation of the land-system change planetary boundary: patterns and trends. <i>Ecological Indicators</i> , 2021, 121, 106981. | 2.6 | 15 |
| 427 | Embracing organisational environmental sustainability: Experiences in green human resource management. <i>Business Strategy and Development</i> , 2021, 4, 123-135. | 2.2 | 20 |
| 428 | Animal Agriculture and Climate Change in the US and UK Elite Media: Volume, Responsibilities, Causes and Solutions. <i>Environmental Communication</i> , 2021, 15, 153-172. | 1.2 | 34 |
| 429 | How many chickens does it take to make an egg? Animal welfare and environmental benefits of replacing eggs with plant foods at the University of California, and beyond. <i>Agriculture and Human Values</i> , 2021, 38, 157-174. | 1.7 | 6 |
| 430 | National Sustainable Development Strategies. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2021, , 777-787. | 0.0 | 0 |
| 431 | Fate and Effects of Engineered Nanomaterials in Agricultural Systems. <i>Nanotechnology in the Life Sciences</i> , 2021, , 269-292. | 0.4 | 0 |
| 432 | Advancing a toolkit of diverse futures approaches for global environmental assessments. <i>Ecosystems and People</i> , 2021, 17, 191-204. | 1.3 | 29 |
| 433 | Food waste management, valorization, and sustainability in the food industry. , 2021, , 3-19. | | 16 |
| 434 | A Human Ecological Approach to Policy in the Context of Food and Nutrition Security. , 2021, , 419-444. | | 0 |
| 435 | Slow Food Movement and Sustainability. , 2021, , 1-13. | | 1 |
| 436 | Climate Change and Food Systems: Implications on Food Security. , 2021, , 73-111. | | 2 |
| 437 | Future Food Systems. , 2021, , 1-29. | | 0 |
| 438 | Root-endophytes and their contribution to plant abiotic stress tolerance. , 2021, , 119-129. | | 1 |
| 439 | Optimizing Agricultural Landscapes: Measures Towards Prosperity and Sustainability. <i>Innovations in Landscape Research</i> , 2021, , 91-130. | 0.2 | 2 |
| 440 | The health impact of substituting unprocessed red meat by pulses in the Danish diet. <i>European Journal of Nutrition</i> , 2021, 60, 3107-3118. | 1.8 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 441 | Enhancing Nationally Determined Contributions: Opportunities for Ocean-Based Climate Action. , 0, , | | 6 |
| 442 | An Overview of the Problems and Prospects for Circular Agriculture in Sustainable Food Systems in the Anthropocene. <i>Circular Agricultural Systems</i> , 2021, 1, 1-11. | 0.5 | 11 |
| 443 | Review and future directions of consumer acceptance of insect-based foods. <i>Shinrigaku Kenkyu</i> , 2021, 92, 52-67. | 0.1 | 2 |
| 444 | Yield and water use gaps in cereal multicrop systems in sub-Saharan Africa under climate change. , 2021, , 313-329. | | 0 |
| 445 | Sustainable Cropping Intensification and Its Role on Profitability of Cassava-Based Farms in a Changing Climate: Evidence from Rivers State, Nigeria. <i>World Sustainability Series</i> , 2021, , 445-460. | 0.3 | 0 |
| 446 | Transdisciplinary participatory-action-research from questions to actionable knowledge for sustainable viticulture development. <i>Humanities and Social Sciences Communications</i> , 2021, 8, . | 1.3 | 12 |
| 447 | Including Biodiversity Food in the Brazilian School Feeding: A Strategy to Ensure Food and Nutritional Security in Childhood. <i>Ethnobiology</i> , 2021, , 361-375. | 0.4 | 0 |
| 448 | Potential Development of Sustainable 3D-Printed Meat Analogues: A Review. <i>Sustainability</i> , 2021, 13, 938. | 1.6 | 81 |
| 449 | Sustainable Diets: Aligning Food Systems and the Environment. <i>Palgrave Studies in Agricultural Economics and Food Policy</i> , 2021, , 155-168. | 0.2 | 0 |
| 451 | Environmental impact of food waste. , 2021, , 261-283. | | 0 |
| 452 | The protein challenge: matching future demand and supply in Indonesia. <i>Biofuels, Bioproducts and Biorefining</i> , 2021, 15, 341-356. | 1.9 | 6 |
| 453 | Can green defaults reduce meat consumption?. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 2 |
| 454 | Opportunities for control engineering in arable precision agriculture. <i>Annual Reviews in Control</i> , 2021, 51, 47-55. | 4.4 | 9 |
| 455 | Is Meat Too Cheap? Towards Optimal Meat Taxation. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 11 |
| 457 | How environmental values influence trust and beliefs about societal oversight and need for regulation of the Australian cattle industry. <i>Environmental Research Letters</i> , 2021, 16, 034006. | 2.2 | 4 |
| 458 | Rated-M for mesocosm: allowing the multimodal analysis of mature root systems in 3D. <i>Emerging Topics in Life Sciences</i> , 2021, 5, 249-260. | 1.1 | 13 |
| 459 | The public health implications of the Paris Agreement: a modelling study. <i>Lancet Planetary Health</i> , The, 2021, 5, e74-e83. | 5.1 | 85 |
| 460 | Agriculture's Contribution to Climate Change and Role in Mitigation Is Distinct From Predominantly Fossil CO2-Emitting Sectors. <i>Frontiers in Sustainable Food Systems</i> , 2021, 4, 518039. | 1.8 | 139 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 461 | People, nature and large herbivores in a shared landscape: A mixed-method study of the ecological and social outcomes from agriculture and conservation. <i>People and Nature</i> , 2021, 3, 418-430. | 1.7 | 12 |
| 462 | Priorities for social science and humanities research on the challenges of moving beyond animal-based food systems. <i>Humanities and Social Sciences Communications</i> , 2021, 8, . | 1.3 | 19 |
| 463 | An assessment of the water use associated with Australian diets using a planetary boundary framework. <i>Public Health Nutrition</i> , 2021, 24, 1570-1575. | 1.1 | 11 |
| 464 | Beyond Supporting Access to Land in Socio-Technical Transitions. How Polish Grassroots Initiatives Help Farmers and New Entrants in Transitioning to Sustainable Models of Agriculture. <i>Land</i> , 2021, 10, 214. | 1.2 | 9 |
| 465 | The state of agricultural landscapes in the Mediterranean: smallholder agriculture and land abandonment in terraced landscapes of the Ricote Valley, southeast Spain. <i>Regional Environmental Change</i> , 2021, 21, 1. | 1.4 | 22 |
| 466 | Standardized methods for testing the quality attributes of plant-based foods: Milk and cream alternatives. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 2206-2233. | 5.9 | 28 |
| 468 | TOR coordinates nucleotide availability with ribosome biogenesis in plants. <i>Plant Cell</i> , 2021, 33, 1615-1632. | 3.1 | 38 |
| 469 | Weathering Climate Change in Archaeology: Conceptual Challenges and an East African Case Study. <i>Cambridge Archaeological Journal</i> , 2021, 31, 437-454. | 0.6 | 4 |
| 470 | Relevant characteristics of food products based on alternative proteins according to European consumers. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 5034-5043. | 1.7 | 10 |
| 471 | Reducing climate impacts of beef production: A synthesis of life cycle assessments across management systems and global regions. <i>Global Change Biology</i> , 2021, 27, 1721-1736. | 4.2 | 38 |
| 472 | Urban agriculture may change food consumption towards low carbon diets. <i>Global Food Security</i> , 2021, 28, 100507. | 4.0 | 28 |
| 473 | Conceptualising value chain research to integrate multiple food system elements. <i>Global Food Security</i> , 2021, 28, 100500. | 4.0 | 16 |
| 474 | Sustainability Indicators for Foods Benefiting Climate and Health. <i>Sustainability</i> , 2021, 13, 3621. | 1.6 | 16 |
| 475 | Five Steps to Inject Transformative Change into the Post-2020 Global Biodiversity Framework. <i>BioScience</i> , 2021, 71, 637-646. | 2.2 | 15 |
| 476 | Food systems are responsible for a third of global anthropogenic GHG emissions. <i>Nature Food</i> , 2021, 2, 198-209. | 6.2 | 964 |
| 477 | Quantifying environmental impacts of cleaner fish used as sea lice treatments in salmon aquaculture with life cycle assessment. <i>Journal of Industrial Ecology</i> , 2022, 26, 1992-2005. | 2.8 | 11 |
| 478 | Impacts of climate change on the livestock food supply chain; a review of the evidence. <i>Global Food Security</i> , 2021, 28, 100488. | 4.0 | 177 |
| 479 | Ancient WEF: Water-Energy-Food Nexus in the Distant Past. <i>Water (Switzerland)</i> , 2021, 13, 925. | 1.2 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 480 | Genome engineering for crop improvement and future agriculture. <i>Cell</i> , 2021, 184, 1621-1635. | 13.5 | 405 |
| 481 | Food waste reduction and economic savings in times of crisis: The potential of machine learning methods to plan guest attendance in Swedish public catering during the Covid-19 pandemic. <i>Socio-Economic Planning Sciences</i> , 2022, 82, 101041. | 2.5 | 19 |
| 482 | Payments by modelled results: A novel design for agri-environmental schemes. <i>Land Use Policy</i> , 2021, 102, 105230. | 2.5 | 44 |
| 483 | Moving beyond organic "A food system approach to assessing sustainable and resilient farming. <i>Global Food Security</i> , 2021, 28, 100487. | 4.0 | 22 |
| 485 | Towards net zero nutrition: The contribution of demand-side change to mitigating UK food emissions. <i>Journal of Cleaner Production</i> , 2021, 290, 125672. | 4.6 | 9 |
| 486 | Diets within Environmental Limits: The Climate Impact of Current and Recommended Australian Diets. <i>Nutrients</i> , 2021, 13, 1122. | 1.7 | 22 |
| 487 | Development and Reliability of the Oxford Meat Frequency Questionnaire. <i>Nutrients</i> , 2021, 13, 922. | 1.7 | 7 |
| 488 | Current research on the ecosystem service potential of legume inclusive cropping systems in Europe. A review. <i>Agronomy for Sustainable Development</i> , 2021, 41, 1. | 2.2 | 32 |
| 489 | Assessment of acceptability and nutrient content of palm weevil (<i>Rhyncophorus phoenicis</i>) larvae enriched complementary foods. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 2263-2276. | 0.4 | 4 |
| 490 | Nitrogen and the future of agriculture: 20 years on. <i>Ambio</i> , 2022, 51, 17-24. | 2.8 | 38 |
| 491 | A revised integrated framework to evaluate the sustainability of given cropping systems. <i>Journal of Cleaner Production</i> , 2021, 289, 125716. | 4.6 | 16 |
| 492 | Strategic foresight for agriculture: Past ghosts, present challenges, and future opportunities. <i>Global Food Security</i> , 2021, 28, 100489. | 4.0 | 12 |
| 493 | Stratégie-cadre d'éducation relative à l'environnement auprès des adultes pour la construction de systèmes agroalimentaires socialement équitables et écologiquement responsables. <i>Éducation Relative à L'environnement</i> , 2021, , . | 0.0 | 1 |
| 494 | What differentiates food-related environmental footprints of rural Chinese households?. <i>Resources, Conservation and Recycling</i> , 2021, 166, 105347. | 5.3 | 18 |
| 495 | Climate Change, Food Supply, and Dietary Guidelines. <i>Annual Review of Public Health</i> , 2021, 42, 233-255. | 7.6 | 46 |
| 496 | Region-specific nutritious, environmentally friendly, and affordable diets in India. <i>One Earth</i> , 2021, 4, 531-544. | 3.6 | 19 |
| 497 | Water quality related to Conservation Reserve Program (CRP) and cropland areas: Evidence from multi-temporal remote sensing. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 96, 102272. | 1.4 | 7 |
| 498 | Combined innovations in public policy, the private sector and culture can drive sustainability transitions in food systems. <i>Nature Food</i> , 2021, 2, 282-290. | 6.2 | 30 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 499 | Legume-Modified Rotations Deliver Nutrition With Lower Environmental Impact. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, . | 1.8 | 14 |
| 500 | Life expectancy and agricultural environmental impacts in Addis Ababa can be improved through optimized plant and animal protein consumption. <i>Nature Food</i> , 2021, 2, 291-298. | 6.2 | 5 |
| 501 | Mitigating greenhouse gas emissions from croplands and pasturelands “ climate-smart agriculture. <i>Pedosphere</i> , 2021, 31, 227-230. | 2.1 | 9 |
| 502 | Animal-based foods have high social and climate costs. <i>Nature Food</i> , 2021, 2, 274-281. | 6.2 | 25 |
| 503 | Animal Design Through Functional Dietary Diversity for Future Productive Landscapes. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, . | 1.8 | 16 |
| 504 | The Contribution of Thai Fisheries to Sustainable Seafood Consumption: National Trends and Future Projections. <i>Foods</i> , 2021, 10, 880. | 1.9 | 7 |
| 505 | Willingness among food consumers to recycle human urine as crop fertiliser: Evidence from a multinational survey. <i>Science of the Total Environment</i> , 2021, 765, 144438. | 3.9 | 25 |
| 506 | Microbes: Food for the Future. <i>Foods</i> , 2021, 10, 971. | 1.9 | 40 |
| 507 | Farm use of calcium hydroxide as an effective barrier against pathogens. <i>Scientific Reports</i> , 2021, 11, 7941. | 1.6 | 14 |
| 508 | Fostering local crop-livestock integration via legume exchanges using an innovative integrated assessment and modelling approach based on the MAELIA platform. <i>Agricultural Systems</i> , 2021, 189, 103066. | 3.2 | 14 |
| 509 | Diets benefiting health and climate relate to longevity in northern Sweden. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 515-529. | 2.2 | 13 |
| 510 | Eating healthy or wasting less? Reducing resource footprints of food consumption. <i>Environmental Research Letters</i> , 2021, 16, 054033. | 2.2 | 17 |
| 511 | Changes in the nitrogen footprint of green tea consumption in Japan from 1965 to 2016. <i>Environmental Science and Pollution Research</i> , 2021, 28, 44936-44948. | 2.7 | 9 |
| 512 | Temporal-spatial dynamics of anthropogenic nitrogen inputs and hotspots in a large river basin. <i>Chemosphere</i> , 2021, 269, 129411. | 4.2 | 16 |
| 513 | Optimizing Carbon Sequestration in Croplands: A Synthesis. <i>Agronomy</i> , 2021, 11, 882. | 1.3 | 61 |
| 514 | Energy implications of the 21st century agrarian transition. <i>Nature Communications</i> , 2021, 12, 2319. | 5.8 | 28 |
| 515 | Effects of farm type on food production, landscape openness, grassland biodiversity, and greenhouse gas emissions in mixed agricultural-forestry regions. <i>Agricultural Systems</i> , 2021, 189, 103071. | 3.2 | 14 |
| 516 | Reducing Water Scarcity by Reducing Food Loss and Waste. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, . | 1.8 | 17 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 518 | Mitigation of Multiple Environmental Footprints for China's Pig Production Using Different Land Use Strategies. <i>Environmental Science & Technology</i> , 2021, 55, 4440-4451. | 4.6 | 11 |
| 519 | Cost-effectiveness of four food waste interventions: Is food waste reduction a "win-win"? <i>Resources, Conservation and Recycling</i> , 2021, 168, 105448. | 5.3 | 36 |
| 520 | Producing more potatoes with lower inputs and greenhouse gases emissions by regionalized cooperation in China. <i>Journal of Cleaner Production</i> , 2021, 299, 126883. | 4.6 | 19 |
| 521 | When Machines Take the Beans: Ex-Ante Socioeconomic Impact Evaluation of Mechanized Harvesting of Mungbean in Bangladesh and Myanmar. <i>Agronomy</i> , 2021, 11, 925. | 1.3 | 8 |
| 522 | What's the beef?: Debating meat, matters of concern and the emergence of online issue publics. <i>Journal of Rural Studies</i> , 2021, 84, 134-146. | 2.1 | 21 |
| 523 | Substituting Meat or Dairy Products with Plant-Based Substitutes Has Small and Heterogeneous Effects on Diet Quality and Nutrient Security: A Simulation Study in French Adults (INCA3). <i>Journal of Nutrition</i> , 2021, 151, 2435-2445. | 1.3 | 35 |
| 524 | A Plant Leaf-Mimetic Membrane with Controllable Gas Permeation for Efficient Preservation of Perishable Products. <i>ACS Nano</i> , 2021, 15, 8742-8752. | 7.3 | 79 |
| 525 | Selecting low-carbon technologies and measures for high agricultural carbon productivity in Taihu Lake Basin, China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 49913-49920. | 2.7 | 20 |
| 526 | Food systems in archaeology. Examining production and consumption in the past. <i>Archaeological Dialogues</i> , 2021, 28, 51-75. | 0.2 | 7 |
| 527 | Higher Fine Particle Fraction in Sediment Increased Phosphorus Flux to Estuary in Restored Yellow River Basin. <i>Environmental Science & Technology</i> , 2021, 55, 6783-6790. | 4.6 | 25 |
| 528 | A Reinterpretation of Hindu Spirituality for Addressing Environmental Problems. <i>Religions</i> , 2021, 12, 358. | 0.3 | 2 |
| 529 | The role of livestock in sustainable food production systems in Canada. <i>Canadian Journal of Animal Science</i> , 2021, 101, 591-601. | 0.7 | 7 |
| 530 | Campus Decarbonization: Students' Perceptions for Reducing Meat Consumption in a Portuguese University. <i>Sustainability</i> , 2021, 13, 6048. | 1.6 | 7 |
| 531 | Nitrogen Fertilization. A Review of the Risks Associated with the Inefficiency of Its Use and Policy Responses. <i>Sustainability</i> , 2021, 13, 5625. | 1.6 | 73 |
| 532 | Economic policy instruments for sustainable phosphorus management: taking into account climate and biodiversity targets. <i>Environmental Sciences Europe</i> , 2021, 33, . | 2.6 | 39 |
| 533 | Non-linearity in Marginal LCA: Application of a Spatial Optimization Model. <i>Frontiers in Sustainability</i> , 2021, 2, . | 1.3 | 5 |
| 534 | Transition paths towards a bio-based economy in Germany: A model-based analysis. <i>Biomass and Bioenergy</i> , 2021, 148, 106002. | 2.9 | 9 |
| 535 | Scenarios for transforming the UK food system to meet global agreements. <i>Nature Food</i> , 2021, 2, 310-312. | 6.2 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 536 | In pursuit of a better world: crop improvement and the CGIAR. <i>Journal of Experimental Botany</i> , 2021, 72, 5158-5179. | 2.4 | 35 |
| 537 | The usual suspect: How to co-create healthier meat products. <i>Food Research International</i> , 2021, 143, 110304. | 2.9 | 31 |
| 538 | The science of plant-based foods: Constructing next-generation meat, fish, milk, and egg analogs. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 4049-4100. | 5.9 | 198 |
| 539 | Food Loss and Waste Prevention Strategies from Farm to Fork. <i>Sustainability</i> , 2021, 13, 5443. | 1.6 | 61 |
| 540 | Examining Nutrition and Food Waste Trade-offs Using an Obesity Prevention Context. <i>Journal of Nutrition Education and Behavior</i> , 2021, 53, 434-444. | 0.3 | 17 |
| 541 | The role and limits of strategic framing for promoting sustainable consumption and policy. <i>Global Environmental Change</i> , 2021, 68, 102266. | 3.6 | 27 |
| 542 | Effects of Phosphorus Ensembled Nanomaterials on Nutrient Uptake and Distribution in <i>Glycine max L.</i> under Simulated Precipitation. <i>Agronomy</i> , 2021, 11, 1086. | 1.3 | 8 |
| 543 | Environmental and nutritional analysis of the EAT-Lancet diet at the individual level: insights from the NutriNet-Sant  study. <i>Journal of Cleaner Production</i> , 2021, 296, 126555. | 4.6 | 29 |
| 544 | To meat or not to meat? Processed meat and risk of dementia. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 7-8. | 2.2 | 1 |
| 545 | Contrary to ultra-processed foods, the consumption of unprocessed or minimally processed foods is associated with favorable patterns of protein intake, diet quality and lower cardiometabolic risk in French adults (INCA3). <i>European Journal of Nutrition</i> , 2021, 60, 4055-4067. | 1.8 | 28 |
| 546 | Chimeric Double-Stranded RNAs Could Act as Tailor-Made Pesticides for Controlling Storage Insects. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 6166-6171. | 2.4 | 7 |
| 547 | Combining Protein Content and Grain Yield by Genetic Dissection in Bread Wheat under Low-Input Management. <i>Foods</i> , 2021, 10, 1058. | 1.9 | 7 |
| 548 | Sustainable Diets for Cardiovascular Disease Prevention and Management. <i>Current Atherosclerosis Reports</i> , 2021, 23, 31. | 2.0 | 8 |
| 549 | Specialization in food production affects global food security and food systems sustainability. <i>World Development</i> , 2021, 141, 105411. | 2.6 | 45 |
| 550 | Varying the amount of solid fat in animal fat mimetics for plant-based salami analogues influences texture, appearance and sensory characteristics. <i>LWT - Food Science and Technology</i> , 2021, 143, 111140. | 2.5 | 32 |
| 551 | Eating your greens: a global sustainability assessment. <i>Resources, Conservation and Recycling</i> , 2021, 168, 105460. | 5.3 | 13 |
| 552 | Lessons from Globalization and the COVID-19 Pandemic for Economic, Environmental and Social Policy. <i>World</i> , 2021, 2, 308-333. | 1.0 | 11 |
| 553 | Agricultural Trade and Environmental Sustainability. <i>Annual Review of Resource Economics</i> , 2021, 13, 379-401. | 1.5 | 17 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 554 | Photovoltaic-driven microbial protein production can use land and sunlight more efficiently than conventional crops. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 3.3 | 68 |
| 555 | â€œIt's not as simple as something like sugarâ€ values and conflict in the UK meat tax debate. <i>International Journal of Health Governance</i> , 2021, 26, 307-322. | 0.6 | 7 |
| 556 | Tools for Nano-Enabled Agriculture: Fertilizers Based on Calcium Phosphate, Silicon, and Chitosan Nanostructures. <i>Agronomy</i> , 2021, 11, 1239. | 1.3 | 48 |
| 557 | Commercial afforestation can deliver effective climate change mitigation under multiple decarbonisation pathways. <i>Nature Communications</i> , 2021, 12, 3831. | 5.8 | 63 |
| 558 | The problem with growing corporate concentration and power in the global food system. <i>Nature Food</i> , 2021, 2, 404-408. | 6.2 | 106 |
| 559 | Dark times for cosmopolitanism? An ethical framework to address private agriâ€food governance and planetary stewardship. <i>Business Ethics, Environment and Responsibility</i> , 2021, 30, 697-715. | 1.6 | 2 |
| 560 | One CGIAR and the Integrated Agri-food Systems Initiative: From short-termism to transformation of the worldâ€™s food systems. <i>PLoS ONE</i> , 2021, 16, e0252832. | 1.1 | 17 |
| 561 | IlmastokestÃ¤vÃ¤joukkoruokailu ja ruokakulttuurin muutos Suomessa. <i>Alue Ja YmpÃ¤ristÃ¤</i> , 2021, 50, 89-110. | 0.1 | 0 |
| 562 | Preliminary Analysis on a Paper-based Ammonia Sensor for Future Food Smart Packaging. , 2021, , . | | 2 |
| 563 | Using social media audience data to analyse the drivers of low-carbon diets. <i>Environmental Research Letters</i> , 2021, 16, 074001. | 2.2 | 15 |
| 564 | SoilGrids 2.0: producing soil information for the globe with quantified spatial uncertainty. <i>Soil</i> , 2021, 7, 217-240. | 2.2 | 511 |
| 565 | A brief review of the science behind the design of healthy and sustainable plant-based foods. <i>Npj Science of Food</i> , 2021, 5, 17. | 2.5 | 138 |
| 566 | 2. Adapting agriculture to a changing climate: a social justice perspective. , 2021, , . | | 2 |
| 567 | Small-scale integrated farming systems can abate continental-scale nutrient leakage. <i>PLoS Biology</i> , 2021, 19, e3001264. | 2.6 | 2 |
| 568 | Governing plantâ€centred eating at the urban scale in the UK: The Sustainable Food Cities network and the reframing of dietary biopower. <i>Geographical Journal</i> , 0, , . | 1.6 | 2 |
| 569 | A new dataset of global irrigation areas from 2001 to 2015. <i>Advances in Water Resources</i> , 2021, 152, 103910. | 1.7 | 27 |
| 570 | Soils and sustainable development goals of the United Nations: An International Union of Soil Sciences perspective. <i>Geoderma Regional</i> , 2021, 25, e00398. | 0.9 | 133 |
| 571 | Effects of vegetal- versus animal-derived protein hydrolysate on sweet basil morpho-physiological and metabolic traits. <i>Scientia Horticulturae</i> , 2021, 284, 110123. | 1.7 | 42 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 572 | Research on food redistribution model based on principal component analysis and factor analysis. <i>Journal of Physics: Conference Series</i> , 2021, 1952, 042038. | 0.3 | 1 |
| 573 | Eating inequity: The injustice that brings us our food. <i>Journal of Agriculture, Food Systems, and Community Development</i> , 0, , 1-14. | 2.4 | 2 |
| 574 | Dietary Fiber and Prebiotic Compounds in Fruits and Vegetables Food Waste. <i>Sustainability</i> , 2021, 13, 7219. | 1.6 | 29 |
| 575 | Environmental degradation of indigenous protected areas of the Amazon as a slow onset event. <i>Current Opinion in Environmental Sustainability</i> , 2021, 50, 260-271. | 3.1 | 8 |
| 576 | Changing Dietary Behavior for Better Biodiversity Preservation: A Preliminary Study. <i>Nutrients</i> , 2021, 13, 2076. | 1.7 | 17 |
| 577 | Agriculture and forest land use change in the continental United States: Are there tipping points?. <i>IScience</i> , 2021, 24, 102772. | 1.9 | 10 |
| 578 | Habitat value of bivalve shellfish and seaweed aquaculture for fish and invertebrates: Pathways, synthesis and next steps. <i>Reviews in Aquaculture</i> , 2022, 14, 54-72. | 4.6 | 81 |
| 579 | Food Systems for Human and Planetary Health: Economic Perspectives and Challenges. <i>Annual Review of Resource Economics</i> , 2021, 13, 131-156. | 1.5 | 20 |
| 580 | An informed thought experiment exploring the potential for a paradigm shift in aquatic food production. <i>Ocean and Coastal Management</i> , 2021, 206, 105574. | 2.0 | 5 |
| 581 | Emissions from Animal Agriculture—16.5% Is the New Minimum Figure. <i>Sustainability</i> , 2021, 13, 6276. | 1.6 | 32 |
| 582 | Urban Organic Waste for Urban Farming: Growing Lettuce Using Vermicompost and Thermophilic Compost. <i>Agronomy</i> , 2021, 11, 1175. | 1.3 | 12 |
| 583 | A mixed model-based Johnson's relative weights for eco-efficiency assessment: The case for global food consumption. <i>Environmental Impact Assessment Review</i> , 2021, 89, 106588. | 4.4 | 12 |
| 584 | Global bioenergy with carbon capture and storage potential is largely constrained by sustainable irrigation. <i>Nature Sustainability</i> , 2021, 4, 884-891. | 11.5 | 35 |
| 585 | Agroecological measures and circular economy strategies to ensure sufficient nitrogen for sustainable farming. <i>Global Environmental Change</i> , 2021, 69, 102313. | 3.6 | 19 |
| 586 | Nudging plant-based meals through the menu. <i>International Journal of Gastronomy and Food Science</i> , 2021, 24, 100346. | 1.3 | 14 |
| 587 | Plant-based dietary patterns in Flemish adults: a 10-year trend analysis. <i>European Journal of Nutrition</i> , 2022, 61, 561-565. | 1.8 | 13 |
| 588 | Bioenergy for climate change mitigation: Scale and sustainability. <i>GCB Bioenergy</i> , 2021, 13, 1346-1371. | 2.5 | 43 |
| 589 | The potential benefits of dietary shift in China: Synergies among acceptability, health, and environmental sustainability. <i>Science of the Total Environment</i> , 2021, 779, 146497. | 3.9 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 590 | Food Systems and Land Use. , 2021, , 310-359. | | 0 |
| 591 | Assessment of environmental and economic aspects of household food waste using a new Environmental-Economic Footprint (EN-EC) index: A case study of Daegu, South Korea. Science of the Total Environment, 2021, 776, 145928. | 3.9 | 27 |
| 592 | Overview of Research on Sustainable Agriculture in Developing Countries. The Case of Mexico. Sustainability, 2021, 13, 8563. | 1.6 | 1 |
| 593 | Sparing or sharing land? Views from agricultural scientists. Biological Conservation, 2021, 259, 109167. | 1.9 | 19 |
| 594 | The future is bright: Biofortification of common foods can improve vitamin D status. Critical Reviews in Food Science and Nutrition, 2023, 63, 505-521. | 5.4 | 12 |
| 595 | Nudging fisheries and aquaculture research towards food systems. Fish and Fisheries, 2022, 23, 34-53. | 2.7 | 18 |
| 596 | In-vitro meat: a promising solution for sustainability of meat sector. Journal of Animal Science and Technology, 2021, 63, 693-724. | 0.8 | 37 |
| 597 | Changes of lipids in noodle dough and dried noodles during industrial processing. Journal of Food Science, 2021, 86, 3517-3528. | 1.5 | 6 |
| 598 | Simulating land use changes, sediment yields, and pesticide use in the Upper Paraguay River Basin: Implications for conservation of the Pantanal wetland. Agriculture, Ecosystems and Environment, 2021, 314, 107405. | 2.5 | 11 |
| 599 | Towards sustainable consumption of legumes: How origin, processing and transport affect the environmental impact of pulses. Sustainable Production and Consumption, 2021, 27, 496-508. | 5.7 | 30 |
| 600 | Exploring sustainable aquaculture development using a nutrition-sensitive approach. Global Environmental Change, 2021, 69, 102285. | 3.6 | 10 |
| 601 | Greenhouse gas emissions from Mediterranean agriculture: Evidence of unbalanced research efforts and knowledge gaps. Global Environmental Change, 2021, 69, 102319. | 3.6 | 31 |
| 602 | The role of planetary boundaries in assessing absolute environmental sustainability across scales. Environment International, 2021, 152, 106475. | 4.8 | 45 |
| 603 | Modelling the links between farm characteristics, respiratory health and pig production traits. Scientific Reports, 2021, 11, 13789. | 1.6 | 4 |
| 604 | Publicâ€“private partnership model for intensive maize production in China: A synergistic strategy for food security and ecosystem economic budget. Food and Energy Security, 2021, 10, e317. | 2.0 | 5 |
| 605 | Chinaâ€™s food loss and waste embodies increasing environmental impacts. Nature Food, 2021, 2, 519-528. | 6.2 | 142 |
| 606 | Impact of a College Course on the Sustainability of Student Diets in Terms of the Planetary Boundaries for Climate Change and Land, Water, Nitrogen and Phosphorus Use. Frontiers in Sustainable Food Systems, 2021, 5, . | 1.8 | 1 |
| 607 | Risk assessment of soil erosion by using CORINE model in the western part of Syrian Arab Republic. Agriculture and Food Security, 2021, 10, . | 1.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 608 | Policies for Sustainable Agriculture and Livelihood in Marginal Lands: A Review. Sustainability, 2021, 13, 8692. | 1.6 | 12 |
| 609 | Measuring ammonia and odours emissions during full field digestate use in agriculture. Science of the Total Environment, 2021, 782, 146882. | 3.9 | 18 |
| 610 | Seasonal Nitrous Oxide Emissions From Hydroponic Tomato and Cucumber Cultivation in a Commercial Greenhouse Company. Frontiers in Sustainable Food Systems, 2021, 5, . | 1.8 | 6 |
| 611 | Fate of 15N-labelled urea when applied to long-term fertilized soils of varying fertility. Nutrient Cycling in Agroecosystems, 2021, 121, 151-165. | 1.1 | 9 |
| 612 | Resistance, resilience, and functional redundancy of freshwater bacterioplankton communities facing a gradient of agricultural stressors in a mesocosm experiment. Molecular Ecology, 2021, 30, 4771-4788. | 2.0 | 12 |
| 613 | The Ecology of Meat. American Biology Teacher, 2021, 83, 418-422. | 0.1 | 0 |
| 614 | Healthier and more sustainable diets: What changes are needed in high-income countries?. Nutrition Bulletin, 2021, 46, 279-309. | 0.8 | 46 |
| 615 | Guess What â€” How Guesed Norms Nudge Climate-Friendly Food Choices in Real-Life Settings. Sustainability, 2021, 13, 8669. | 1.6 | 8 |
| 616 | Environmental impacts of animal-based food supply chains with market characteristics. Science of the Total Environment, 2021, 783, 147077. | 3.9 | 15 |
| 617 | Small targeted dietary changes can yield substantial gains for human health and the environment. Nature Food, 2021, 2, 616-627. | 6.2 | 57 |
| 618 | Lowering the Consumption of Animal Products without Sacrificing Consumer Freedom â€” A Pragmatic Proposal. Ethics, Policy and Environment, 0, , 1-19. | 0.8 | 0 |
| 619 | Which diet has the lower water footprint in Mediterranean countries?. Resources, Conservation and Recycling, 2021, 171, 105631. | 5.3 | 25 |
| 620 | Controversy around climate change reports: a case study of Twitter responses to the 2019 IPCC report on land. Climatic Change, 2021, 167, 59. | 1.7 | 19 |
| 621 | Soil microbial community and network changes after long-term use of plastic mulch and nitrogen fertilization on semiarid farmland. Geoderma, 2021, 396, 115086. | 2.3 | 65 |
| 622 | Unfolding hidden environmental impacts of food waste: An assessment for fifteen countries of the world. Journal of Cleaner Production, 2021, 310, 127523. | 4.6 | 28 |
| 623 | Finding flexitarians: Current studies on meat eaters and meat reducers. Trends in Food Science and Technology, 2021, 114, 530-539. | 7.8 | 108 |
| 624 | â€œThere Are Many People Like Me, Who Feel They Want to Do Something Biggerâ€” An Exploratory Study of Choosing Not to Have Children Based on Environmental Concerns. Ecopsychology, 2021, 13, 200-209. | 0.8 | 9 |
| 625 | A steady-state N balance approach for sustainable smallholder farming. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 49 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 626 | Reconciling food production and environmental boundaries for nitrogen in the European Union. <i>Science of the Total Environment</i> , 2021, 786, 147427. | 3.9 | 21 |
| 627 | Plant proteins and their colloidal state. <i>Current Opinion in Colloid and Interface Science</i> , 2021, 56, 101510. | 3.4 | 20 |
| 628 | Farming with Alternative Pollinators benefits pollinators, natural enemies, and yields, and offers transformative change to agriculture. <i>Scientific Reports</i> , 2021, 11, 18206. | 1.6 | 8 |
| 629 | Reconciling regional nitrogen boundaries with global food security. <i>Nature Food</i> , 2021, 2, 700-711. | 6.2 | 51 |
| 630 | Agricultural methane emissions and the potential for mitigation. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200451. | 1.6 | 21 |
| 631 | Food system resilience thinking: from digital to integral. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 887-891. | 1.7 | 8 |
| 632 | Sustainable food systems and nutrition in the 21st century: a report from the 22nd annual Harvard Nutrition Obesity Symposium. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 18-33. | 2.2 | 43 |
| 633 | Sustaining planetary health through systems thinking: Public health's critical role. <i>SSM - Population Health</i> , 2021, 15, 100844. | 1.3 | 24 |
| 634 | Beyond productivism versus agroecology: lessons for sustainable food systems from Lovins's soft path energy policies. <i>Environmental Research Letters</i> , 2021, 16, 091003. | 2.2 | 5 |
| 635 | Understanding the trends in Denmark's global food trade-related greenhouse gas and resource footprint. <i>Journal of Cleaner Production</i> , 2021, 313, 127785. | 4.6 | 7 |
| 636 | Coupled social and land use dynamics affect dietary choice and agricultural land-use extent. <i>Communications Earth & Environment</i> , 2021, 2, . | 2.6 | 2 |
| 637 | The Importance of Citizen Scientists in the Move Towards Sustainable Diets and a Sustainable Food System. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, . | 1.8 | 5 |
| 638 | Environmental performance of blue foods. <i>Nature</i> , 2021, 597, 360-365. | 13.7 | 233 |
| 639 | Exploring the multiple land degradation pathways across the planet. <i>Earth-Science Reviews</i> , 2021, 220, 103689. | 4.0 | 104 |
| 640 | Revisiting the application and methodological extensions of the planetary boundaries for sustainability assessment. <i>Science of the Total Environment</i> , 2021, 788, 147886. | 3.9 | 15 |
| 641 | Quantitative assessment of agricultural sustainability reveals divergent priorities among nations. <i>One Earth</i> , 2021, 4, 1262-1277. | 3.6 | 63 |
| 642 | The future of farming: Who will produce our food?. <i>Food Security</i> , 2021, 13, 1073-1099. | 2.4 | 167 |
| 643 | Reuse and recycle: Integrating aquaculture and agricultural systems to increase production and reduce nutrient pollution. <i>Science of the Total Environment</i> , 2021, 785, 146859. | 3.9 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 644 | Spatial frameworks for robust estimation of yield gaps. <i>Nature Food</i> , 2021, 2, 773-779. | 6.2 | 32 |
| 645 | How does market power affect the resilience of food supply?. <i>Global Food Security</i> , 2021, 30, 100556. | 4.0 | 6 |
| 646 | Youth demand political action on healthy sustainable diets. <i>Nature Food</i> , 0, , . | 6.2 | 2 |
| 647 | A Molecular Survey of Bacterial Species in the Guts of Black Soldier Fly Larvae (<i>Hermetia illucens</i>) Reared on Two Urban Organic Waste Streams in Kenya. <i>Frontiers in Microbiology</i> , 2021, 12, 687103. | 1.5 | 4 |
| 648 | Nutritional Quality of Plant-Based Cheese Available in Spanish Supermarkets: How Do They Compare to Dairy Cheese?. <i>Nutrients</i> , 2021, 13, 3291. | 1.7 | 27 |
| 649 | The overlooked importance of food disadoption for the environmental sustainability of new foods. <i>Environmental Research Letters</i> , 2021, 16, 104022. | 2.2 | 5 |
| 650 | Feeding the world in a narrowing safe operating space. <i>One Earth</i> , 2021, 4, 1193-1196. | 3.6 | 6 |
| 651 | Diets within planetary boundaries: What is the potential of dietary change alone?. <i>Sustainable Production and Consumption</i> , 2021, 28, 802-810. | 5.7 | 19 |
| 652 | The key drivers for the changes in global water scarcity: Water withdrawal versus water availability. <i>Journal of Hydrology</i> , 2021, 601, 126658. | 2.3 | 73 |
| 653 | Mitigating displaced land degradation and the risk of spillover through the decommodification of land products. <i>Land Use Policy</i> , 2021, 109, 105659. | 2.5 | 4 |
| 654 | Greenhouse gas emissions from vegetables production in China. <i>Journal of Cleaner Production</i> , 2021, 317, 128449. | 4.6 | 34 |
| 655 | Optimising diets to reach absolute planetary environmental sustainability through consumers. <i>Sustainable Production and Consumption</i> , 2021, 28, 877-892. | 5.7 | 15 |
| 656 | Triple bottom-line consideration of sustainable plant disease management: From economic, sociological and ecological perspectives. <i>Journal of Integrative Agriculture</i> , 2021, 20, 2581-2591. | 1.7 | 10 |
| 657 | Are UK retailers well placed to deliver "less and better"™ meat and dairy to consumers?. <i>Sustainable Production and Consumption</i> , 2021, 28, 154-163. | 5.7 | 15 |
| 658 | The carbon footprint of meat and dairy proteins: A practical perspective to guide low carbon footprint dietary choices. <i>Journal of Cleaner Production</i> , 2021, 321, 128766. | 4.6 | 29 |
| 659 | Viewpoint: Rigorous monitoring is necessary to guide food system transformation in the countdown to the 2030 global goals. <i>Food Policy</i> , 2021, 104, 102163. | 2.8 | 110 |
| 660 | Enabling circularity in grain production systems with novel technologies and policy. <i>Agricultural Systems</i> , 2021, 193, 103244. | 3.2 | 20 |
| 661 | Integrating institutional approaches and decision science to address climate change: a multi-level collective action research agenda. <i>Current Opinion in Environmental Sustainability</i> , 2021, 52, 19-26. | 3.1 | 25 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 662 | Toward Zero Hunger Through Coupled Ecological Sanitation-Agriculture Systems. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, . | 1.8 | 7 |
| 663 | Growing phosphorus dilemma: The opportunity from aquatic systems' secondary phosphorus retention capacity. <i>Science of the Total Environment</i> , 2021, 796, 148938. | 3.9 | 3 |
| 664 | The climate impact of excess food intake - An avoidable environmental burden. <i>Resources, Conservation and Recycling</i> , 2021, 174, 105777. | 5.3 | 13 |
| 665 | Root and arbuscular mycorrhizal effects on soil nutrient loss are modulated by soil texture. <i>Applied Soil Ecology</i> , 2021, 167, 104097. | 2.1 | 8 |
| 666 | Food loss and waste and the modernization of vegetable value chains in Thailand. <i>Resources, Conservation and Recycling</i> , 2021, 174, 105714. | 5.3 | 12 |
| 667 | Exploring the option space for land system futures at regional to global scales: The diagnostic agro-food, land use and greenhouse gas emission model BioBaM-GHG 2.0. <i>Ecological Modelling</i> , 2021, 459, 109729. | 1.2 | 10 |
| 668 | Quality and environmental footprints of diets by socio-economic status in Argentina. <i>Science of the Total Environment</i> , 2021, 801, 149686. | 3.9 | 15 |
| 669 | Spatial differentiation identification of influencing factors of agricultural carbon productivity at city level in Taihu lake basin, China. <i>Science of the Total Environment</i> , 2021, 800, 149610. | 3.9 | 29 |
| 670 | Virtual carbon emissions in the big cities of middle-income countries. <i>Urban Climate</i> , 2021, 40, 100986. | 2.4 | 19 |
| 671 | Co-benefits of a flexitarian diet for air quality and human health in Europe. <i>Ecological Economics</i> , 2022, 191, 107232. | 2.9 | 18 |
| 672 | How urbanization and ecological conditions affect urban diet-linked GHG emissions: New evidence from China. <i>Resources, Conservation and Recycling</i> , 2022, 176, 105903. | 5.3 | 27 |
| 673 | Entangling the interaction between essential and nonessential nutrients: implications for global food security. , 2022, , 1-25. | | 0 |
| 674 | Impact of Reactive Nitrogen and Nitrogen Footprint. <i>Structure and Function of Mountain Ecosystems in Japan</i> , 2021, , 67-86. | 0.1 | 0 |
| 675 | Solar Photovoltaics in 100% Renewable Energy Systems. , 2021, , 1-30. | | 16 |
| 676 | A review of the interactions between biodiversity, agriculture, climate change, and international trade: research and policy priorities. <i>One Earth</i> , 2021, 4, 88-101. | 3.6 | 103 |
| 677 | Nachhaltige Entwicklung. , 2021, , 71-91. | | 1 |
| 678 | Integrating Consumer Food Experience with Health and Sustainability Outcomes: The Critical Role of Design Imperatives. , 2021, , 195-210. | | 1 |
| 679 | Organic agriculture: impact on the environment and food quality. , 2021, , 31-58. | | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 680 | An empirical study of food consumption in urban households of Zhengzhou city. <i>Journal of Natural Resources</i> , 2021, 36, 1976. | 0.4 | 2 |
| 681 | Crop cover is more important than rotational diversity for soil multifunctionality and cereal yields in European cropping systems. <i>Nature Food</i> , 2021, 2, 28-37. | 6.2 | 120 |
| 682 | ECOWASTE4FOOD Project: Cases for Food Waste Reduction at City and Regional Levels in the EU. , 2020, , 389-414. | | 1 |
| 683 | Importance of Insects as Food in Africa. , 2020, , 1-17. | | 7 |
| 684 | The Food System Grand Challenge: A Climate Smart and Sustainable Food System for a Healthy Europe. <i>Contributions To Management Science</i> , 2020, , 1-25. | 0.4 | 4 |
| 685 | National Sustainable Development Strategies. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2020, , 1-12. | 0.0 | 3 |
| 686 | Soil Quality and Regenerative, Sustainable Farming Systems. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2020, , 823-832. | 0.0 | 2 |
| 687 | Soil carbon sequestration in grazing systems: managing expectations. <i>Climatic Change</i> , 2020, 161, 385-391. | 1.7 | 29 |
| 688 | Resolving the twin human and environmental health hazards of a plant-based diet. <i>Environment International</i> , 2020, 144, 106081. | 4.8 | 25 |
| 689 | Food systems everywhere: Improving relevance in practice. <i>Global Food Security</i> , 2020, 26, 100398. | 4.0 | 59 |
| 690 | Meeting the food security challenge for nine billion people in 2050: What impact on forests?. <i>Global Environmental Change</i> , 2020, 62, 102056. | 3.6 | 86 |
| 691 | Environmental sustainability of European production and consumption assessed against planetary boundaries. <i>Journal of Environmental Management</i> , 2020, 269, 110686. | 3.8 | 85 |
| 692 | Assessing the impact of industrial waste on environment and mitigation strategies: A comprehensive review. <i>Journal of Hazardous Materials</i> , 2020, 398, 123019. | 6.5 | 92 |
| 693 | Food affordability and nutritional values within the functional unit of a food LCA. An application on regional diets in Spain.. <i>Resources, Conservation and Recycling</i> , 2020, 160, 104856. | 5.3 | 13 |
| 694 | Nutritional and environmental losses embedded in global food waste. <i>Resources, Conservation and Recycling</i> , 2020, 160, 104912. | 5.3 | 162 |
| 695 | A food system revolution for China in the post-pandemic world. <i>Resources, Environment and Sustainability</i> , 2020, 2, 100013. | 2.9 | 14 |
| 696 | Development and evaluation of a new dietary index assessing nutrient security by aggregating probabilistic estimates of the risk of nutrient deficiency in two French adult populations. <i>British Journal of Nutrition</i> , 2021, 126, 1225-1236. | 1.2 | 12 |
| 697 | Agricultural Development and Land Use Change in India: A Scenario Analysis of Trade-offs Between UN Sustainable Development Goals (SDGs). <i>Earth's Future</i> , 2020, 8, e2019EF001287. | 2.4 | 66 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 698 | Feeding ten billion people is possible within four terrestrial planetary boundaries. <i>Nature Sustainability</i> , 2020, 3, 200-208. | 11.5 | 306 |
| 699 | Global food self-sufficiency in the 21st century under sustainable intensification of agriculture. <i>Environmental Research Letters</i> , 2020, 15, 095004. | 2.2 | 100 |
| 700 | The U.S. consumer phosphorus footprint: where do nitrogen and phosphorus diverge?. <i>Environmental Research Letters</i> , 2020, 15, 105022. | 2.2 | 19 |
| 701 | The importance of food systems and the environment for nutrition. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 7-16. | 2.2 | 90 |
| 702 | The human exposome and health in the Anthropocene. <i>International Journal of Epidemiology</i> , 2021, 50, 378-389. | 0.9 | 24 |
| 705 | Territorial and Sustainable Healthy Diets. <i>Food and Nutrition Bulletin</i> , 2020, 41, 87S-103S. | 0.5 | 21 |
| 706 | An evaluation of Chile's Law of Food Labeling and Advertising on sugar-sweetened beverage purchases from 2015 to 2017: A before-and-after study. <i>PLoS Medicine</i> , 2020, 17, e1003015. | 3.9 | 254 |
| 707 | Novel Affordable, Reliable and Efficient Technologies to Help Addressing the Water-Energy-Food Nexus. <i>European Journal of Sustainable Development (discontinued)</i> , 2019, 8, 1. | 0.4 | 8 |
| 708 | Development and challenges of green food in China. <i>Frontiers of Agricultural Science and Engineering</i> , 2020, 7, 56. | 0.9 | 10 |
| 709 | A green eco-environment for sustainable development: framework and action. <i>Frontiers of Agricultural Science and Engineering</i> , 2020, 7, 67. | 0.9 | 13 |
| 710 | The urgency of Agriculture Green Development. <i>Frontiers of Agricultural Science and Engineering</i> , 2020, 7, 108. | 0.9 | 2 |
| 711 | Health and Economic Impacts of Overweight/Obesity. , 2020, , 69-94. | | 5 |
| 712 | The Effects of Policy Design Complexity on Public Support for Climate Policy. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 2 |
| 713 | Biodiversity in Tomatoes: Is It Reflected in Nutrient Density and Nutritional Yields Under Organic Outdoor Production?. <i>Frontiers in Plant Science</i> , 2020, 11, 589692. | 1.7 | 13 |
| 714 | A Critical Appraisal of the Evidence Supporting Consumer Motivations for Alternative Proteins. <i>Foods</i> , 2021, 10, 24. | 1.9 | 62 |
| 715 | Meat analog as future food: a review. <i>Journal of Animal Science and Technology</i> , 2020, 62, 111-120. | 0.8 | 176 |
| 717 | Consumer acceptability and nutrient content of Westwood (<i>Cirina forda</i>) larva-enriched <i>Amaranthus hybridus</i> vegetable soups. <i>African Journal of Food Science</i> , 2020, 14, 244-255. | 0.4 | 3 |
| 718 | Justice in transitions: Widening considerations of justice in dietary transition. <i>Environmental Innovation and Societal Transitions</i> , 2021, 40, 474-485. | 2.5 | 31 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 720 | Food biodiversity and total and cause-specific mortality in 9 European countries: An analysis of a prospective cohort study. <i>PLoS Medicine</i> , 2021, 18, e1003834. | 3.9 | 7 |
| 721 | Culturally appropriate shifts in staple grain consumption can improve multiple sustainability outcomes. <i>Environmental Research Letters</i> , 2021, 16, 125006. | 2.2 | 3 |
| 722 | The food we eat, the air we breathe: a review of the fine particulate matter-induced air quality health impacts of the global food system. <i>Environmental Research Letters</i> , 2021, 16, 103004. | 2.2 | 17 |
| 723 | Ideological Dilemmas Actualised by the Idea of Living Environmentally Childfree. <i>Human Arenas</i> , 2023, 6, 886-910. | 1.1 | 3 |
| 724 | The nutrition transition to a stage of high obesity and noncommunicable disease prevalence dominated by ultra-processed foods is not inevitable. <i>Obesity Reviews</i> , 2022, 23, e13366. | 3.1 | 122 |
| 725 | The global and regional costs of healthy and sustainable dietary patterns: a modelling study. <i>Lancet Planetary Health</i> , The, 2021, 5, e797-e807. | 5.1 | 90 |
| 726 | Flexitarianism in the Netherlands in the 2010 decade: Shifts, consumer segments and motives. <i>Food Quality and Preference</i> , 2022, 96, 104445. | 2.3 | 34 |
| 727 | Concentrating vs. spreading our footprint: how to meet humanity's needs at least cost to nature. <i>Journal of Zoology</i> , 2021, 315, 79-109. | 0.8 | 40 |
| 728 | Global mapping of crop-specific emission factors highlights hotspots of nitrous oxide mitigation. <i>Nature Food</i> , 2021, 2, 886-893. | 6.2 | 68 |
| 729 | Potential Role of Technology Innovation in Transformation of Sustainable Food Systems: A Review. <i>Agriculture (Switzerland)</i> , 2021, 11, 984. | 1.4 | 41 |
| 730 | Trends in UK meat consumption: analysis of data from years 1971 (2008-09 to 2018-19) of the National Diet and Nutrition Survey rolling programme. <i>Lancet Planetary Health</i> , The, 2021, 5, e699-e708. | 5.1 | 78 |
| 731 | Land use intensification increasingly drives the spatiotemporal patterns of the global human appropriation of net primary production in the last century. <i>Global Change Biology</i> , 2022, 28, 307-322. | 4.2 | 33 |
| 732 | Breeding Canola (<i>Brassica napus</i> L.) for Protein in Feed and Food. <i>Plants</i> , 2021, 10, 2220. | 1.6 | 14 |
| 733 | Global water and energy losses from consumer avoidable food waste. <i>Journal of Cleaner Production</i> , 2021, 326, 129342. | 4.6 | 19 |
| 734 | A Study of Environmental Humanities on Flexitarian Diet in the Anthropocene Epoch. <i>Environmental Philosophy</i> , 2018, null, 35-58. | 0.0 | 0 |
| 736 | Eating To Save The Planet: Evidence from a Randomized Controlled Trial Using Individual-Level Food Purchase Data. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 1 |
| 737 | The transformation of China's grain production since reform and opening-up and its prospects. <i>Journal of Natural Resources</i> , 2019, 34, 658. | 0.4 | 2 |
| 738 | Why Do People Eat (So Much) Meat? And How Can We Eat (Much) Less?. <i>Journal of Agriculture, Food Systems, and Community Development</i> , 0, , 1-4. | 2.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 739 | Estimation of the Carbon Dioxide Emission Change due to the Change of the Meat Consumption Behavior in North Korea. Journal of Korean Society for Atmospheric Environment, 2019, 35, 1-15. | 0.2 | 1 |
| 740 | The Problem with "Food" Animals. , 2020, , 31-54. | | 0 |
| 741 | Soil Quality and Regenerative, Sustainable Farming Systems. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-10. | 0.0 | 0 |
| 742 | The influence of hydro-climatological balances and Nature-based solutions (NBS) in the management of water resources. Meteorology Hydrology and Water Management, 0, , . | 0.4 | 0 |
| 746 | Klimaschutz in der Gemeinschaftsgastronomie. Management-Reihe Corporate Social Responsibility, 2020, , 369-378. | 0.1 | 0 |
| 747 | Beneficial Microbes as Alternative Food Flavour Ingredients for Achieving Sustainability. Environmental and Microbial Biotechnology, 2020, , 79-90. | 0.4 | 0 |
| 749 | Agricultural Land Use and Management Practice Influence on Efflux and Influx of Carbon between Soil and the Atmosphere: A Review. International Journal of Plant & Soil Science, 0, , 31-48. | 0.2 | 1 |
| 751 | Upcoming Challenges in Land Use Science"An International Perspective. Human-environment Interactions, 2021, , 319-336. | 1.2 | 0 |
| 752 | Plant-based diets add to the wastewater phosphorus burden. Environmental Research Letters, 2020, 15, 094018. | 2.2 | 12 |
| 753 | Nutrient Budgeting of Primary Nutrients and Their Use Efficiency in India. International Research Journal of Pure and Applied Chemistry, 0, , 92-114. | 0.2 | 3 |
| 754 | Uncovering the roles of hemoglobins in soybean facing water stress. Gene, 2022, 810, 146055. | 1.0 | 2 |
| 755 | Agriculture in the European Union: Seven More Years of Environmental Austerity?. , 2020, , 201-210. | | 0 |
| 756 | Sustainability, health and consumer insights for plant-based food innovation. International Journal of Food Design, 2020, 5, 139-148. | 0.6 | 11 |
| 757 | Understanding the Political Challenge of Red and Processed Meat Reduction for Healthy and Sustainable Food Systems: A Narrative Review of the Literature. International Journal of Health Policy and Management, 2020, , . | 0.5 | 19 |
| 758 | Taxing Twenty-First Century Sins. , 2021, , 153-176. | | 0 |
| 759 | Riesgo, desigualdad y sabor. Herramientas sociolÃ³gicas para explicar el "efecto dorito". Revista Temas SociolÃ³gicos, 2020, , 595-621. | 0.1 | 0 |
| 760 | Climate impact from agricultural management practices in the Canadian Prairies: Carbon equivalence due to albedo change. Journal of Environmental Management, 2022, 302, 113938. | 3.8 | 3 |
| 761 | Five mechanisms blocking the transition towards "nature-inclusive" agriculture: A systemic analysis of Dutch dairy farming. Agricultural Systems, 2022, 195, 103280. | 3.2 | 35 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 762 | The economic, environmental and social performance of European certified food. <i>Ecological Economics</i> , 2022, 191, 107244. | 2.9 | 15 |
| 763 | The lipids. , 2022, , 303-467. | | 18 |
| 764 | Simulating grazing beef and sheep systems. <i>Agricultural Systems</i> , 2022, 195, 103307. | 3.2 | 10 |
| 765 | Testing interventions to reduce food waste in school catering. <i>Resources, Conservation and Recycling</i> , 2022, 177, 105997. | 5.3 | 17 |
| 766 | Biorefining within food loss and waste frameworks: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 154, 111781. | 8.2 | 12 |
| 767 | Electrochemical biosensors for food bioprocess monitoring. <i>Current Opinion in Food Science</i> , 2022, 43, 18-26. | 4.1 | 30 |
| 768 | Quantifying supply chain food loss in China with primary data: A large-scale, field-survey based analysis for staple food, vegetables, and fruits. <i>Resources, Conservation and Recycling</i> , 2022, 177, 106006. | 5.3 | 28 |
| 769 | Climate-Friendly Seafood: The Potential for Emissions Reduction and Carbon Capture in Marine Aquaculture. <i>BioScience</i> , 2022, 72, 123-143. | 2.2 | 51 |
| 770 | Socio-Environmental Food Systems Under Anthropogenic Climate Change: The Water-Energy-Food Nexus Perspective. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2020, , 1-11. | 0.0 | 1 |
| 771 | The Multiple Dimensions of Social Justice Affected by Agricultural Innovation. <i>The International Library of Environmental, Agricultural and Food Ethics</i> , 2020, , 1-26. | 0.1 | 0 |
| 772 | Agriculture Production and Consumption. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2020, , 1-11. | 0.0 | 4 |
| 773 | The Environmental Threats Our World Is Facing Today. , 2020, , 1-20. | | 0 |
| 775 | Agroecology: Relocalizing Agriculture Accordingly to Places. , 2020, , 81-99. | | 2 |
| 776 | A Human Ecological Approach to Policy in the Context of Food and Nutrition Security. , 2020, , 1-26. | | 2 |
| 777 | Valuing Waste â€” A Multi-method Analysis of the Use of Household Refuse from Cooking and Sanitation for Soil Fertility Management in Tanzanian Smallholdings. , 2020, , 91-122. | | 0 |
| 778 | Why This Report Now?. , 2020, , 19-28. | | 1 |
| 781 | Forests and food security: a review. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , . | 0.6 | 0 |
| 783 | Meat-free diets and their relationship with the meaning of food and eco-friendly purchase and consumption behaviours. <i>British Food Journal</i> , 2022, 124, 2761-2771. | 1.6 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 784 | Closing productivity gaps among Dutch dairy farms can boost profit and reduce nitrogen pollution. Environmental Research Letters, 2021, 16, 124003. | 2.2 | 8 |
| 785 | Transition Pathways for the Farmed Salmon Value Chain: Industry Perspectives and Sustainability Implications. Sustainability, 2021, 13, 12106. | 1.6 | 6 |
| 786 | Transforming landscapes and mindscapes through regenerative agriculture. Agriculture and Human Values, 2022, 39, 809-826. | 1.7 | 24 |
| 787 | Changing dietary patterns is necessary to improve the sustainability of Western diets from a One Health perspective. Science of the Total Environment, 2022, 811, 151437. | 3.9 | 27 |
| 788 | Biochar " An effective additive for improving quality and reducing ecological risk of compost: A global meta-analysis. Science of the Total Environment, 2022, 806, 151439. | 3.9 | 44 |
| 789 | EXPLORING AGRICULTURAL OPPORTUNITIES IN THE CLAY BELT OF ONTARIO, CANADA. WIT Transactions on Ecology and the Environment, 2020, , . | 0.0 | 1 |
| 791 | A recipe to reverse the loss of nature. Nature, 2020, 585, 503-504. | 13.7 | 0 |
| 792 | Sustainable and healthy diets: Synergies and trade-offs in Switzerland. Systems Research and Behavioral Science, 2020, 37, 908-927. | 0.9 | 6 |
| 793 | Scope for Circular Economy Model in Urban Agri-Food Value Chains. , 2021, , 75-97. | | 1 |
| 794 | Socio-environmental Food Systems Under Anthropogenic Climate Change: The Water-Energy-Food Nexus Perspective. Encyclopedia of the UN Sustainable Development Goals, 2021, , 906-916. | 0.0 | 0 |
| 795 | Linking seagrass ecosystem services to food security: The example of southwestern Madagascar's small-scale fisheries. Ecosystem Services, 2022, 53, 101381. | 2.3 | 7 |
| 796 | Lowering soil greenhouse gas emissions without sacrificing yields by increasing crop rotation diversity in the North China Plain. Field Crops Research, 2022, 276, 108366. | 2.3 | 19 |
| 797 | World scientists's warnings into action, local to global. Science Progress, 2021, 104, 003685042110562. | 1.0 | 13 |
| 798 | Assessing the Environmental Efficiency of Grain Production and Their Spatial Effects: Case Study of Major Grain Production Areas in China. Frontiers in Environmental Science, 2021, 9, . | 1.5 | 8 |
| 799 | Environmental footprints of improving dietary quality of Chinese rural residents: A modeling study. Resources, Conservation and Recycling, 2022, 179, 106074. | 5.3 | 6 |
| 800 | Changing Chinese Diets to Achieve a Win-Win Solution for Health and the Environment. China and World Economy, 2021, 29, 34-52. | 0.9 | 15 |
| 801 | Community-Level Impacts of Climate-Smart Agriculture Interventions on Food Security and Dietary Diversity in Climate-Smart Villages in Myanmar. Climate, 2021, 9, 166. | 1.2 | 4 |
| 802 | The role of seafood in sustainable diets. Environmental Research Letters, 2022, 17, 035003. | 2.2 | 36 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 804 | Environmental footprint of critical agro-export products in the Peruvian hyper-arid coast: A case study for green asparagus and avocado. <i>Science of the Total Environment</i> , 2022, 818, 151686. | 3.9 | 8 |
| 805 | Developing water, energy, and food sustainability performance indicators for agricultural systems. <i>Scientific Reports</i> , 2021, 11, 22831. | 1.6 | 7 |
| 806 | Designing Just Transition Pathways: A Methodological Framework to Estimate the Impact of Future Scenarios on Employment in the French Dairy Sector. <i>Agriculture (Switzerland)</i> , 2021, 11, 1119. | 1.4 | 4 |
| 807 | Differences in Environmental Impact between Plant-Based Alternatives to Dairy and Dairy Products: A Systematic Literature Review. <i>Sustainability</i> , 2021, 13, 12599. | 1.6 | 23 |
| 808 | Building a Global Food Systems Typology: A New Tool for Reducing Complexity in Food Systems Analysis. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, . | 1.8 | 29 |
| 809 | Nutrient Adequacy of Global Food Production. <i>Frontiers in Nutrition</i> , 2021, 8, 739755. | 1.6 | 4 |
| 810 | HortResearch4Future â€œ how can we respond to societal demand?. <i>Acta Horticulturae</i> , 2021, , 1-14. | 0.1 | 0 |
| 811 | Citizen-Driven Food System Approaches in Cities. , 2022, , 349-381. | | 2 |
| 812 | Development of an EAT-Lancet index and its relation to mortality in a Swedish population. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 705-716. | 2.2 | 54 |
| 813 | Global Strategies to Minimize Environmental Impacts of Ruminant Production. <i>Annual Review of Animal Biosciences</i> , 2022, 10, 227-240. | 3.6 | 6 |
| 814 | Harmonizing climate-smart and sustainable agriculture. <i>Nature Food</i> , 2021, 2, 853-854. | 6.2 | 6 |
| 815 | Textured wheat and pea proteins for meat alternative applications. <i>Cereal Chemistry</i> , 2022, 99, 37-66. | 1.1 | 30 |
| 816 | Life cycle assessment of animalâ€based foods and plantâ€based proteinâ€rich alternatives: a socioâ€economic perspective. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 5111-5120. | 1.7 | 12 |
| 817 | Examining the Environmental Impacts of the Dairy and Baby Food Industries: Are First-Food Systems a Crucial Missing Part of the Healthy and Sustainable Food Systems Agenda Now Underway?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12678. | 1.2 | 21 |
| 818 | Impacts of supply-side climate change mitigation practices and trade policy regimes under dietary transition: the case of European agriculture. <i>Environmental Research Letters</i> , 2021, 16, 124048. | 2.2 | 15 |
| 819 | Impacts of harmful algal blooms on marine aquaculture in a low-carbon future. <i>Harmful Algae</i> , 2021, 110, 102143. | 2.2 | 13 |
| 820 | Animal and plant-sourced nutrition: complementary not competitive. <i>Animal Production Science</i> , 2022, 62, 701-711. | 0.6 | 8 |
| 821 | Future Food Systems. , 2021, , 603-630. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 822 | Toward resilient food systems after COVID-19. <i>Current Research in Environmental Sustainability</i> , 2022, 4, 100110. | 1.7 | 3 |
| 823 | Rewilding staple crops for the lost halophytism: Toward sustainability and profitability of agricultural production systems. <i>Molecular Plant</i> , 2022, 15, 45-64. | 3.9 | 23 |
| 824 | Fallacies of Consumerism. Impact of Meat Consumption on Health and Environmental Sustainability, 2022, , 78-101. | 0.4 | 2 |
| 825 | Sustainable growth of non-fed aquaculture can generate valuable ecosystem benefits. <i>Ecosystem Services</i> , 2022, 53, 101396. | 2.3 | 42 |
| 826 | Life cycle assessment of plant cell cultures. <i>Science of the Total Environment</i> , 2022, 808, 151990. | 3.9 | 12 |
| 827 | Coupling circularity performance and climate action: From disciplinary silos to transdisciplinary modelling science. <i>Sustainable Production and Consumption</i> , 2022, 30, 269-277. | 5.7 | 11 |
| 828 | A Randomized Controlled Trial to Address Consumer Food Waste with a Technology-aided Tailored Sustainability Intervention. <i>Resources, Conservation and Recycling</i> , 2022, 179, 106121. | 5.3 | 18 |
| 829 | Biochar incorporation increases winter wheat (<i>Triticum aestivum</i> L.) production with significantly improving soil enzyme activities at jointing stage. <i>Catena</i> , 2022, 211, 105979. | 2.2 | 19 |
| 830 | A scoping review of the digital agricultural revolution and ecosystem services: implications for Canadian policy and research agendas. <i>Facets</i> , 2021, 6, 1955-1985. | 1.1 | 17 |
| 831 | Green Restaurants. , 2021, , 1-22. | | 0 |
| 832 | Multi-Objective Synergistic Strategy for the Economic and Environmental Benefit of Pear Farmers in the Yangtze River Basin, China. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 834 | Sustainability of Vertical Farming in Comparison with Conventional Farming: A Case Study in Miyagi Prefecture, Japan, on Nitrogen and Phosphorus Footprint. <i>Sustainability</i> , 2022, 14, 1042. | 1.6 | 5 |
| 835 | The health, environmental, and economic dimensions of future dietary transitions in Argentina. <i>Sustainability Science</i> , 2022, , 1-17. | 2.5 | 6 |
| 836 | Compliance with EAT's "Lancet dietary guidelines would reduce global water footprint but increase it for 40% of the world population. <i>Nature Food</i> , 2022, 3, 143-151. | 6.2 | 20 |
| 837 | Whether Cities are in Sustainable Grain Security. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 838 | Mycoprotein: A futuristic portrayal. , 2022, , 287-303. | | 2 |
| 839 | Approaches for sustainable food production and consumption systems. , 2022, , 23-38. | | 6 |
| 840 | Expectations for household food security in the coming decades: A global scenario. , 2022, , 107-131. | | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 841 | Less but better – Debating the role of taxation in reducing and transforming the consumption of meat and dairy products. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 842 | Saving species beyond the protected area fence: Threats must be managed across multiple land tenure types to secure Australia's endangered species. Conservation Science and Practice, 2022, 4, . | 0.9 | 14 |
| 843 | Options for reforming agricultural subsidies from health, climate, and economic perspectives. Nature Communications, 2022, 13, 82. | 5.8 | 38 |
| 844 | Meat alternatives. , 2022, , 351-373. | | 2 |
| 845 | Influencing Factors for Sustainable Dietary Transformation – A Case Study of German Food Consumption. Foods, 2022, 11, 227. | 1.9 | 10 |
| 847 | Embodied Hanpp of Feed and Animal Products: Tracing Pressure on Ecosystems Along Trilateral Livestock Supply Chains 1986-2013. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 848 | CRISPR/Cas System: Applications and Prospects for Maize Improvement. ACS Agricultural Science and Technology, 2022, 2, 174-183. | 1.0 | 11 |
| 849 | Understanding the relationship between globalization and biophysical resource consumption within safe operating limits for major Belt and Road Initiative countries. Environmental Science and Pollution Research, 2022, 29, 40654-40673. | 2.7 | 3 |
| 850 | Modeling biophysical and socioeconomic interactions in food systems with the International Model for Policy Analysis of Agricultural Commodities and Trade (IMPACT). , 2022, , 213-230. | | 0 |
| 851 | Mediterranean Diet as a Healthy, Sustainable, and Secure Food Pattern. Impact of Meat Consumption on Health and Environmental Sustainability, 2022, , 185-205. | 0.4 | 0 |
| 852 | A global meta-analysis of animal manure application and soil microbial ecology based on random control treatments. PLoS ONE, 2022, 17, e0262139. | 1.1 | 7 |
| 853 | National-level action is needed to achieve food system transformation. American Journal of Clinical Nutrition, 2022, 115, 983-984. | 2.2 | 1 |
| 854 | Rapid global phaseout of animal agriculture has the potential to stabilize greenhouse gas levels for 30 years and offset 68 percent of CO2 emissions this century. , 2022, 1, e0000010. | | 62 |
| 855 | Defining a sustainable development target space for 2030 and 2050. One Earth, 2022, 5, 142-156. | 3.6 | 54 |
| 856 | Influencing mechanism of non-CO2 greenhouse gas emissions and mitigation strategies of livestock sector in developed regions of eastern China: a case study of Jiangsu province. Environmental Science and Pollution Research, 2022, 29, 39937-39947. | 2.7 | 9 |
| 857 | Leveraging intrinsically rewarding symbolic attributes to promote consumer adoption of plant-based food innovations. Cleaner and Responsible Consumption, 2022, 4, 100050. | 1.6 | 3 |
| 858 | An analysis of the transformative potential of major food system report recommendations. Global Food Security, 2022, 32, 100610. | 4.0 | 14 |
| 859 | Global reactive nitrogen loss in orchard systems: A review. Science of the Total Environment, 2022, 821, 153462. | 3.9 | 22 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 860 | Food systems and rural wellbeing: challenges and opportunities. <i>Food Security</i> , 2022, 14, 1099-1121. | 2.4 | 15 |
| 861 | Policy framing, design and feedback can increase public support for costly food waste regulation. <i>Nature Food</i> , 2022, 3, 227-235. | 6.2 | 23 |
| 862 | Return to Agrobiodiversity: Participatory Plant Breeding. <i>Diversity</i> , 2022, 14, 126. | 0.7 | 17 |
| 863 | Methods matter: Improved practices for environmental evaluation of dietary patterns. <i>Global Environmental Change</i> , 2022, 73, 102482. | 3.6 | 4 |
| 864 | Maintaining market legitimacy: A discursive-hegemonic perspective on meat. <i>Journal of Business Research</i> , 2022, 144, 391-402. | 5.8 | 7 |
| 865 | Replacing meat with alternative plant-based products (RE-MAP): a randomized controlled trial of a multicomponent behavioral intervention to reduce meat consumption. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 1357-1366. | 2.2 | 16 |
| 866 | Aerosol Jet Printed and Photonic Cured Paper-Based Ammonia Sensor for Food Smart Packaging. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-10. | 2.4 | 5 |
| 867 | A Novel Approach to Examining Retail Benefits of Different Expiration Date Modes: Insights into Trade-Offs between Food Waste and Food Safety. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 869 | Meat-Reduced Dietary Practices and Efforts in 5 Countries: Analysis of Cross-Sectional Surveys in 2018 and 2019. <i>Journal of Nutrition</i> , 2022, 152, 57S-66S. | 1.3 | 10 |
| 870 | Signaling molecules and transcriptional reprogramming for stomata operation under salt stress. <i>Advances in Botanical Research</i> , 2022, , . | 0.5 | 0 |
| 871 | Upcycling from Chitin-Waste Biomass into Bioethanol and Mushroom Via Solid-State Fermentation with <i>Pleurotus Ostreatus</i> . <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 873 | Black Soldier Fly (<i>Hermetia Illucens</i>) larva as Ecological, Immune Booster and Economical Feedstuff for Aquaculture. <i>Marine Science and Technology Bulletin</i> , 0, , . | 0.2 | 2 |
| 874 | The effects of policy design complexity on public support for climate policy. <i>Behavioural Public Policy</i> , 0, , 1-26. | 1.6 | 13 |
| 875 | Chapter 4. Conversion of food waste into new food in a closed loop. , 2022, , 103-146. | | 0 |
| 876 | True cost accounting in agri-food networks: a German case study on informational campaigning and responsible implementation. <i>Sustainability Science</i> , 2022, 17, 2269-2285. | 2.5 | 11 |
| 877 | The role of cover crops for cropland soil carbon, nitrogen leaching, and agricultural yields – a global simulation study with LPJmL (V. 5.0-tillage-cc). <i>Biogeosciences</i> , 2022, 19, 957-977. | 1.3 | 15 |
| 878 | Conceptual System Dynamics and Agent-Based Modelling Simulation of Interorganisational Fairness in Food Value Chains: Research Agenda and Case Studies. <i>Agriculture (Switzerland)</i> , 2022, 12, 280. | 1.4 | 2 |
| 879 | Protein Quality in Perspective: A Review of Protein Quality Metrics and Their Applications. <i>Nutrients</i> , 2022, 14, 947. | 1.7 | 43 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 880 | Differences between Vegetarians and Omnivores in Food Choice Motivation and Diatarian Identity. <i>Foods</i> , 2022, 11, 539. | 1.9 | 10 |
| 881 | Coproduction of Food, Cultural Heritage and Biodiversity by Livestock Grazing in Swedish Semi-natural Grasslands. <i>Frontiers in Sustainable Food Systems</i> , 2022, 6, . | 1.8 | 6 |
| 882 | The complex challenge of governing food systems: The case of South African food policy. <i>Food Security</i> , 2022, 14, 883-896. | 2.4 | 6 |
| 883 | Transformation archetypes in global food systems. <i>Sustainability Science</i> , 2022, 17, 1827-1840. | 2.5 | 8 |
| 884 | Kitchen waste: sustainable bioconversion to value-added product and economic challenges. <i>Biomass Conversion and Biorefinery</i> , 0, , 1. | 2.9 | 5 |
| 885 | National water shortage for low to high environmental flow protection. <i>Scientific Reports</i> , 2022, 12, 3037. | 1.6 | 15 |
| 886 | An Evaluation of Probability of Adequate Nutrient Intake (PANDiet) Scores as a Diet Quality Metric in Irish National Food Consumption Data. <i>Nutrients</i> , 2022, 14, 994. | 1.7 | 1 |
| 887 | Global cropland could be almost halved: Assessment of land saving potentials under different strategies and implications for agricultural markets. <i>PLoS ONE</i> , 2022, 17, e0263063. | 1.1 | 10 |
| 888 | Quality of plant-based diet determines mortality risk in Chinese older adults. <i>Nature Aging</i> , 2022, 2, 197-198. | 5.3 | 0 |
| 890 | Nitrogen Footprint of a Recycling System Integrated with Cropland and Livestock in the North China Plain. <i>Plants</i> , 2022, 11, 842. | 1.6 | 5 |
| 891 | Meating Conflict: Toward a Model of Ambivalence-Motivated Reduction of Meat Consumption. <i>Foods</i> , 2022, 11, 921. | 1.9 | 7 |
| 892 | Food versus wildlife: Will biodiversity hotspots benefit from healthier diets?. <i>Global Ecology and Biogeography</i> , 0, , . | 2.7 | 1 |
| 893 | Beefâ€™cattle ranching in the Paraguayan Chaco: typological approach to a livestock frontier. <i>Environment, Development and Sustainability</i> , 2023, 25, 5185-5210. | 2.7 | 2 |
| 894 | Public meals as a platform for culinary action? Tweensâ€™™ and teensâ€™™ acceptance of a new plant-based food. <i>International Journal of Gastronomy and Food Science</i> , 2022, 27, 100485. | 1.3 | 3 |
| 895 | The 2018 Revision of Italian Dietary Guidelines: Development Process, Novelities, Main Recommendations, and Policy Implications. <i>Frontiers in Nutrition</i> , 2022, 9, 861526. | 1.6 | 16 |
| 896 | Relocating croplands could drastically reduce the environmental impacts of global food production. <i>Communications Earth & Environment</i> , 2022, 3, . | 2.6 | 39 |
| 898 | Quantifying synergies and trade-offs in the global water-land-food-climate nexus using a multi-model scenario approach. <i>Environmental Research Letters</i> , 2022, 17, 045004. | 2.2 | 11 |
| 899 | Responsible agriculture must adapt to the wetland character of midâ€™latitude peatlands. <i>Global Change Biology</i> , 2022, 28, 3795-3811. | 4.2 | 23 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 900 | Spatiotemporal heterogeneities in water and land appropriations related to food losses and waste in China. <i>Environmental Research Letters</i> , 2022, 17, 054020. | 2.2 | 2 |
| 901 | Community-Based Nutrition Education and Hands-On Cooking Intervention Increases Farmers' Market Use and Vegetable Servings. <i>Public Health Nutrition</i> , 2022, , 1-30. | 1.1 | 3 |
| 902 | Solutions to world-wide fisheries problems are mostly local or regional. <i>ICES Journal of Marine Science</i> , 2022, 79, 997-1004. | 1.2 | 3 |
| 903 | Menu Choice and Meat-Eating Habits: Results of a Field Experiment in Two University Canteens. <i>Sustainability</i> , 2022, 14, 3296. | 1.6 | 5 |
| 904 | Declining greenhouse gas emissions in the US diet (2003–2018): Drivers and demographic trends. <i>Journal of Cleaner Production</i> , 2022, 351, 131465. | 4.6 | 9 |
| 905 | Amino Acid Signaling for TOR in Eukaryotes: Sensors, Transducers, and a Sustainable Agricultural fuTORe. <i>Biomolecules</i> , 2022, 12, 387. | 1.8 | 12 |
| 906 | Bacterial-Assisted Extraction of Bioactive Compounds from Cauliflower. <i>Plants</i> , 2022, 11, 816. | 1.6 | 4 |
| 907 | Biodiversity effects of food system sustainability actions from farm to fork. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2113884119. | 3.3 | 15 |
| 908 | Robotics for a Quality-Driven Post-harvest Supply Chain. <i>Current Robotics Reports</i> , 2022, 3, 39-48. | 5.1 | 9 |
| 909 | Pleasure vs. identity: More eating simulation language in meat posts than plant-based posts on social media #foodtalk. <i>Appetite</i> , 2022, 175, 106024. | 1.8 | 6 |
| 910 | Fad, Food, or Feed: Alternative Seafood and Its Contribution to Food Systems. <i>Frontiers in Sustainable Food Systems</i> , 2022, 6, . | 1.8 | 3 |
| 911 | Livestock Use on Public Lands in the Western USA Exacerbates Climate Change: Implications for Climate Change Mitigation and Adaptation. <i>Environmental Management</i> , 2022, 69, 1137-1152. | 1.2 | 6 |
| 912 | An Environmental and Nutritional Evaluation of School Food Menus in Bahia, Brazil That Contribute to Local Public Policy to Promote Sustainability. <i>Nutrients</i> , 2022, 14, 1519. | 1.7 | 4 |
| 913 | Towards new carbon-neutral food systems: Combining carbon capture and utilization with microbial protein production. <i>Bioresource Technology</i> , 2022, 349, 126853. | 4.8 | 24 |
| 914 | Regional food preferences influence environmental impacts of diets. <i>Food Security</i> , 2022, 14, 1063-1083. | 2.4 | 5 |
| 915 | Disentangling the sources of dynamics in the agricultural output of the BRIICS and EU countries: The ecological footprint perspective with Shapley value decomposition. <i>Journal of Cleaner Production</i> , 2022, 346, 131198. | 4.6 | 4 |
| 916 | Diets with Higher Vegetable Intake and Lower Environmental Impact: Evidence from a Large Australian Population Health Survey. <i>Nutrients</i> , 2022, 14, 1517. | 1.7 | 6 |
| 917 | A framework to quantify mass flow and assess food loss and waste in the US food supply chain. <i>Communications Earth & Environment</i> , 2022, 3, . | 2.6 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 918 | Widening capabilities through a food and sustainability education initiative. Educational Action Research, 0, , 1-19. | 0.8 | 0 |
| 919 | Can the Right Composition and Diversity of Farmed Species Improve Food Security Among Smallholder Farmers?. Frontiers in Sustainable Food Systems, 2022, 6, . | 1.8 | 2 |
| 920 | Mapping the spatial distribution of global mariculture production. Aquaculture, 2022, 553, 738066. | 1.7 | 20 |
| 921 | Sustainable food systems science based on physicsâ€™ principles. Trends in Food Science and Technology, 2022, 123, 382-392. | 7.8 | 4 |
| 922 | Red seaweed: A promising alternative protein source for global food sustainability. Trends in Food Science and Technology, 2022, 123, 37-56. | 7.8 | 51 |
| 923 | Low-disturbance farming regenerates healthy deep soil toward sustainable agriculture - Evidence from long-term no-tillage with stover mulching in Mollisols. Science of the Total Environment, 2022, 825, 153929. | 3.9 | 14 |
| 924 | Nudging more sustainable grocery purchases: Behavioural innovations in a supermarket setting. Technological Forecasting and Social Change, 2022, 179, 121605. | 6.2 | 13 |
| 925 | Food fermentation â€“ Significance to public health and sustainability challenges of modern diet and food systems. International Journal of Food Microbiology, 2022, 371, 109666. | 2.1 | 17 |
| 926 | Changes in China's Food Self-Sufficiency Rate in the Context of a Changing Dietary Structure. Journal of Global Information Management, 2022, 30, 1-19. | 1.4 | 1 |
| 928 | The future of fish in Africa: Employment and investment opportunities. PLoS ONE, 2021, 16, e0261615. | 1.1 | 15 |
| 929 | Historical food consumption declines and the role of alternative foods. Environmental Research Letters, 2022, 17, 014020. | 2.2 | 0 |
| 930 | What Skills Do Agricultural Professionals Need in the Transition towards a Sustainable Agriculture? A Qualitative Literature Review. Sustainability, 2021, 13, 13556. | 1.6 | 14 |
| 931 | Dietary shifts can reduce premature deaths related to particulate matter pollution in China. Nature Food, 2021, 2, 997-1004. | 6.2 | 19 |
| 932 | Is high adaptation to the Mediterranean diet effective in increasing ecological footprint awareness? A cross-sectional study from Turkey. Journal of the Science of Food and Agriculture, 2022, 102, 3724-3729. | 1.7 | 4 |
| 933 | Consumer strategies towards a more sustainable food system: insights from Switzerland. American Journal of Clinical Nutrition, 2022, 115, 1039-1047. | 2.2 | 12 |
| 934 | Fish Nutritional Value as an Approach to Children's Nutrition. Frontiers in Nutrition, 2021, 8, 780844. | 1.6 | 46 |
| 935 | A new green revolution or agribusiness as usual? Uncovering alignment issues and potential transition complications in agri-food system transitions. Agronomy for Sustainable Development, 2021, 41, 1. | 2.2 | 30 |
| 936 | Arbuscular Mycorrhiza Reduced Nitrogen Loss via Runoff, Leaching, and Emission of N ₂ O and NH ₃ from Microcosms of Paddy Fields. Water, Air, and Soil Pollution, 2022, 233, 1. | 1.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 937 | Consumer willingness to pay for plant-based foods produced using microbial applications to replace synthetic chemical inputs. <i>PLoS ONE</i> , 2021, 16, e0260488. | 1.1 | 6 |
| 938 | Short- and long-term warming effects of methane may affect the cost-effectiveness of mitigation policies and benefits of low-meat diets. <i>Nature Food</i> , 2021, 2, 970-980. | 6.2 | 21 |
| 939 | Calculating Mexico City's Food Supply: Methodological Insights for Regionalizing Food Data at the Urban Scale. <i>Papers in Applied Geography</i> , 0, , 1-16. | 0.8 | 0 |
| 940 | Effectiveness of Strategies to Decrease Animal-Sourced Protein and/or Increase Plant-Sourced Protein in Foodservice Settings: A Systematic Literature Review. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2022, 122, 1013-1048. | 0.4 | 6 |
| 941 | Fatty acid profile and lipid indices of the porker meat supplemented with pro-health herbal probiotics, ascorbic acid and allicin. <i>British Food Journal</i> , 2022, 124, 3841-3854. | 1.6 | 1 |
| 942 | Edible insects: Challenges and prospects. <i>Entomological Research</i> , 2022, 52, 161-177. | 0.6 | 43 |
| 943 | The Multifunctionality and Territoriality of Peri-Urban Agri-Food Systems: The Metropolitan Region of Madrid, Spain. <i>Land</i> , 2022, 11, 588. | 1.2 | 6 |
| 944 | Enabling sustainable food transitions in schools: a systemic approach. <i>British Food Journal</i> , 2022, 124, 322-339. | 1.6 | 11 |
| 945 | Dynamics and Determinants of the Grain Yield Gap in Major Grain-Producing Areas: A Case Study in Hunan Province, China. <i>Foods</i> , 2022, 11, 1122. | 1.9 | 12 |
| 946 | Increasing the Selection of Low-Carbon-Footprint Entrées through the Addition of New Menu Items and a Social Marketing Campaign in University Dining. <i>Journal of the Association for Consumer Research</i> , 2022, 7, 461-470. | 1.0 | 2 |
| 947 | The Policy Implications of the Dasgupta Review: Land Use Change and Biodiversity. <i>Environmental and Resource Economics</i> , 2022, 83, 911-935. | 1.5 | 9 |
| 948 | “Take Extinction off Your Plate”: How International Environmental Campaigns Connect Food, Farming, and Fishing to Wildlife Extinction. <i>Environmental Communication</i> , 2023, 17, 910-929. | 1.2 | 3 |
| 949 | Averting wildlife-borne infectious disease epidemics requires a focus on socio-ecological drivers and a redesign of the global food system. <i>EClinicalMedicine</i> , 2022, 47, 101386. | 3.2 | 22 |
| 950 | An expanded framing of ecosystem services is needed for a sustainable urban future. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 162, 112418. | 8.2 | 17 |
| 951 | Trade-off between human health and environmental health in global diets. <i>Resources, Conservation and Recycling</i> , 2022, 182, 106336. | 5.3 | 7 |
| 958 | Consumers' Motivations Towards Environment-Friendly Dietary Changes: An Assessment of Trends Related to the Consumption of Animal Products. <i>Climate Change Management</i> , 2022, , 305-319. | 0.6 | 2 |
| 959 | A New Diet: News on Food Habits and Climate Change. <i>Climate Change Management</i> , 2022, , 39-53. | 0.6 | 1 |
| 960 | The Impact of Personal Dietary Changes on Mitigating Climate Change. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 961 | Evaluating the Impact of Refrigerated Transport Trucks (Rtts) in China on Climate Change from the Life Cycle Perspective. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 962 | Robotics and Autonomous Systems for Net Zero Agriculture. Current Robotics Reports, 2022, 3, 57-64. | 5.1 | 13 |
| 963 | Meat Consumption and Sustainability. Annual Review of Resource Economics, 2022, 14, 17-41. | 1.5 | 86 |
| 964 | More Than Fishâ€™ Framing Aquatic Animals within Sustainable Food Systems. Foods, 2022, 11, 1413. | 1.9 | 8 |
| 965 | Optimizing nitrogen fertilizer use for more grain and less pollution. Journal of Cleaner Production, 2022, 360, 132180. | 4.6 | 49 |
| 966 | Learning from the future: mainstreaming disruptive solutions for the transition to sustainable food systems. Environmental Research Letters, 2022, 17, 051002. | 2.2 | 6 |
| 967 | Conquering compacted soils: uncovering the molecular components of root soil penetration. Trends in Plant Science, 2022, 27, 814-827. | 4.3 | 13 |
| 968 | We need a food system transformationâ€™ In the face of the Russia-Ukraine war, now more than ever. One Earth, 2022, 5, 470-472. | 3.6 | 34 |
| 969 | Learning from the Dirt: Initiating university food gardens as a cross-disciplinary tertiary teaching tool. Journal of Outdoor and Environmental Education, 2022, 25, 199-217. | 0.7 | 2 |
| 970 | Dynamic Responses of Ammonia-Oxidizing Archaea and Bacteria Populations to Organic Material Amendments Affect Soil Nitrification and Nitrogen Use Efficiency. Frontiers in Microbiology, 2022, 13, . | 1.5 | 4 |
| 971 | Plant proteins make a difference. Journal of Agriculture and Food Research, 2022, , 100318. | 1.2 | 1 |
| 972 | Review on milk substitutes from an environmental and nutritional point of view. Applied Food Research, 2022, 2, 100105. | 1.4 | 15 |
| 973 | Optimization of residents' dietary structure with consideration of greenhouse gas mitigation and nutritional requirements. Sustainable Production and Consumption, 2022, 32, 424-435. | 5.7 | 4 |
| 974 | Demand side options to reduce greenhouse gas emissions and the land footprint of urban food systems: A scenario analysis for the City of Vienna. Journal of Cleaner Production, 2022, 359, 132064. | 4.6 | 10 |
| 975 | Food sustainability perception at universities: Education and demographic features effects. International Journal of Management Education, 2022, 20, 100653. | 2.2 | 2 |
| 976 | Co-benefits of the EAT-Lancet diet for environmental protection in the framework of the Spanish dietary pattern. Science of the Total Environment, 2022, 836, 155683. | 3.9 | 6 |
| 977 | How vegans and vegetarians negotiate eating-related social norm conflicts in their social networks. Appetite, 2022, 175, 106081. | 1.8 | 6 |
| 978 | Synergies in sustainable phosphorus use and greenhouse gas emissions mitigation in China: Perspectives from the entire supply chain from fertilizer production to agricultural use. Science of the Total Environment, 2022, 838, 155997. | 3.9 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 979 | Deep-C storage: Biological, chemical and physical strategies to enhance carbon stocks in agricultural subsoils. <i>Soil Biology and Biochemistry</i> , 2022, 170, 108697. | 4.2 | 57 |
| 980 | Evidence of a vegan diet for health benefits and risks – an umbrella review of meta-analyses of observational and clinical studies. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 9926-9936. | 5.4 | 26 |
| 981 | Integrating degrowth and efficiency perspectives enables an emission-neutral food system by 2100. <i>Nature Food</i> , 2022, 3, 341-348. | 6.2 | 28 |
| 982 | A global and regional view of the opportunity for climate-smart mariculture. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20210128. | 1.8 | 5 |
| 983 | Healthy and sustainable diets from today to 2050 – The role of international trade. <i>PLoS ONE</i> , 2022, 17, e0264729. | 1.1 | 2 |
| 984 | Sustainability outcomes of the United States food system: A systematic review. <i>Journal of Agriculture, Food Systems, and Community Development</i> , 0, , 1-30. | 2.4 | 0 |
| 985 | Multi-Scenario Simulation Analysis of Grain Production and Demand in China during the Peak Population Period. <i>Foods</i> , 2022, 11, 1566. | 1.9 | 6 |
| 986 | Toward sustainable crop production in China: A co-benefits evaluation. <i>Journal of Cleaner Production</i> , 2022, 361, 132285. | 4.6 | 9 |
| 987 | Edible mushroom industry in China: current state and perspectives. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 3949-3955. | 1.7 | 38 |
| 988 | Ten-Year Changes in Global Warming Potential of Dietary Patterns Based on Food Consumption in Ontario, Canada. <i>Sustainability</i> , 2022, 14, 6290. | 1.6 | 2 |
| 989 | Plant-Bacterial Symbiosis: An Ecologically Sustainable Agriculture Production Alternative to Chemical Fertilizers. , 0, , . | | 1 |
| 990 | Goal frames and sustainability transitions: how cognitive lock-ins can impede crop diversification. <i>Sustainability Science</i> , 2022, 17, 2203-2219. | 2.5 | 15 |
| 991 | Adapting agriculture to climate change via sustainable irrigation: biophysical potentials and feedbacks. <i>Environmental Research Letters</i> , 2022, 17, 063008. | 2.2 | 51 |
| 992 | Evaluation of plant-based recipes meeting nutritional requirements for dog food: The effect of fractionation and ingredient constraints. <i>Animal Feed Science and Technology</i> , 2022, 290, 115345. | 1.1 | 2 |
| 993 | Proposed diets for sustainable agriculture and food security in Iran. <i>Sustainable Production and Consumption</i> , 2022, 32, 755-764. | 5.7 | 2 |
| 994 | Consumer preferences for visually sub-optimal food: Role of information framing and personal goals. <i>Resources, Conservation and Recycling</i> , 2022, 184, 106426. | 5.3 | 4 |
| 995 | Impact of structural flexibility in the adsorption of wheat and sunflower proteins at an air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129317. | 2.3 | 2 |
| 996 | Harnessing natural attenuation to reduce CAFOs nitrate emissions: An integrated modeling approach. <i>Ecological Economics</i> , 2022, 199, 107505. | 2.9 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 997 | Systematic Engineering approach for optimization of multi-component alternative protein-fortified 3D printing food Ink. Food Hydrocolloids, 2022, 131, 107803. | 5.6 | 17 |
| 999 | A New Dietary Guideline Balancing Sustainability and Nutrition for China's Rural and Urban Residents. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 1000 | Renal health benefits of sustainable diets in Japan: a review. Renal Replacement Therapy, 2022, 8, . | 0.3 | 1 |
| 1001 | Plant-based meat alternatives: Compositional analysis, current development and challenges. Applied Food Research, 2022, 2, 100154. | 1.4 | 47 |
| 1002 | Moral Reasons for Individuals in High-Income Countries to Limit Beef Consumption. Food Ethics, 2022, 7, . | 1.2 | 0 |
| 1003 | Crop Rotational Diversity Influences Wheatâ€™Maize Production Through Soil Legacy Effects in the North China Plain. International Journal of Plant Production, 2022, 16, 415-427. | 1.0 | 4 |
| 1004 | Differentiated responsibilities of US citizens in the countryâ€™s sustainable dietary transition. Environmental Research Letters, 2022, 17, 074037. | 2.2 | 1 |
| 1005 | Culturally adapting the Mediterranean Diet pattern â€™ a way of promoting more â€™sustainableâ€™ dietary change?. British Journal of Nutrition, 2022, 128, 693-703. | 1.2 | 8 |
| 1006 | Amplifying actions for food system transformation: insights from the Stockholm region. Sustainability Science, 2022, 17, 2379-2395. | 2.5 | 2 |
| 1007 | Predicting nitrate leaching loss in temperate rainfed cereal crops: relative importance of management and environmental drivers. Environmental Research Letters, 2022, 17, 064043. | 2.2 | 7 |
| 1008 | Compositional Analysis of Street Market Food Waste in Brazil. Sustainability, 2022, 14, 7014. | 1.6 | 4 |
| 1009 | Proximal and distal mechanisms through which arbuscular mycorrhizal associations alter terrestrial denitrification. Plant and Soil, 2022, 476, 315-336. | 1.8 | 7 |
| 1010 | Choice of health metrics for combined health and environmental assessment of foods and diets: A systematic review of methods. Journal of Cleaner Production, 2022, 365, 132622. | 4.6 | 6 |
| 1011 | A slow road from meat dominance to more sustainable diets: An analysis of purchase preferences among Finnish loyalty-card holders. , 2022, 1, e0000015. | | 14 |
| 1012 | A systematic review of the definitions and interpretations in scientific literature of â€™less but betterâ€™ meat in high-income settings. Nature Food, 2022, 3, 454-460. | 6.2 | 12 |
| 1013 | Adjusting agricultural emissions for trade matters for climate change mitigation. Nature Communications, 2022, 13, . | 5.8 | 28 |
| 1014 | Are crop deep roots always beneficial for combating drought: A review of root structure and function, regulation and phenotyping. Agricultural Water Management, 2022, 271, 107781. | 2.4 | 16 |
| 1015 | Food waste changes in the Swedish public catering sector in relation to global reduction targets. Resources, Conservation and Recycling, 2022, 185, 106463. | 5.3 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1016 | Microalgae-based products: Food and public health. <i>Future Foods</i> , 2022, 6, 100157. | 2.4 | 34 |
| 1017 | Feasibility and Effectiveness Assessment of Multi-Sectoral Climate Change Adaptation for Food Security and Nutrition. <i>Current Climate Change Reports</i> , 2022, 8, 35-52. | 2.8 | 6 |
| 1018 | L'impact de la consommation de viande sur la santé et la consommation de viande: enjeux sociétaux. <i>Management & Avenir</i> , 2022, N° 129, 81-103. | 0.0 | 0 |
| 1019 | Sustainability Dimensions of the Mediterranean Diet: A Systematic Review of the Indicators Used and Its Results. <i>Advances in Nutrition</i> , 2022, 13, 2015-2038. | 2.9 | 19 |
| 1020 | De Novo Domestication in the Multi-Omics Era. <i>Plant and Cell Physiology</i> , 0, , . | 1.5 | 4 |
| 1021 | Long-term evidence for ecological intensification as a pathway to sustainable agriculture. <i>Nature Sustainability</i> , 2022, 5, 770-779. | 11.5 | 48 |
| 1022 | Setting life cycle assessment (LCA) in a future-oriented context: the combination of qualitative scenarios and LCA in the agri-food sector. <i>European Journal of Futures Research</i> , 2022, 10, . | 1.5 | 12 |
| 1023 | Challenges associated with <i>Rhynchophorus phoenicis</i> Fabricius (Coleoptera: Curculionidae) farming: a case study of the Ejisu-Juaben Municipality. <i>Journal of Insects As Food and Feed</i> , 2023, 9, 15-24. | 2.1 | 4 |
| 1024 | Developing an agricultural water pricing model considering both physical and virtual water: A case study of an irrigation district in China. <i>Journal of Cleaner Production</i> , 2022, 368, 133043. | 4.6 | 6 |
| 1025 | Can e-commerce alleviate agricultural non-point source pollution? A quasi-natural experiment based on a China's E-Commerce Demonstration City. <i>Science of the Total Environment</i> , 2022, 846, 157423. | 3.9 | 23 |
| 1026 | Dietary changes could compensate for potential yield reductions upon global river flow protection. <i>Global Sustainability</i> , 0, , 1-27. | 1.6 | 0 |
| 1027 | Expert perceptions of seaweed farming for sustainable development. <i>Journal of Cleaner Production</i> , 2022, 368, 133052. | 4.6 | 13 |
| 1028 | Dietary Change and Global Sustainable Development Goals. <i>Frontiers in Sustainable Food Systems</i> , 0, 6, . | 1.8 | 16 |
| 1029 | Power to the people? Food democracy initiatives' contributions to democratic goods. <i>Agriculture and Human Values</i> , 2022, 39, 1477-1489. | 1.7 | 9 |
| 1030 | A review of megatrends in the global dairy sector: what are the socioecological implications?. <i>Agriculture and Human Values</i> , 2023, 40, 373-394. | 1.7 | 6 |
| 1031 | Improvement of resource use efficiency versus mitigation of environmental impacts in rice production of Fujian Province, China. <i>Journal of Cleaner Production</i> , 2022, 368, 133154. | 4.6 | 4 |
| 1032 | Review: Do green defaults reduce meat consumption?. <i>Food Policy</i> , 2022, 110, 102298. | 2.8 | 10 |
| 1033 | Household fermentation of leftover bread to nutritious food. <i>Waste Management</i> , 2022, 150, 39-47. | 3.7 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1034 | Inputs for staple crop production in China drive burden shifting of water and carbon footprints transgressing part of provincial planetary boundaries. <i>Water Research</i> , 2022, 221, 118803. | 5.3 | 14 |
| 1035 | Upcycling from chitin-waste biomass into bioethanol and mushroom via solid-state fermentation with <i>Pleurotus ostreatus</i> . <i>Fuel</i> , 2022, 326, 125061. | 3.4 | 9 |
| 1036 | Recycled plastic packaging from the Dutch food sector pollutes Asian oceans. <i>Resources, Conservation and Recycling</i> , 2022, 185, 106508. | 5.3 | 14 |
| 1037 | Consumer attitudes and beliefs towards plant-based food in different degrees of processing – The case of Sweden. <i>Food Quality and Preference</i> , 2022, 102, 104673. | 2.3 | 14 |
| 1038 | Traditional Sources of Ingredients for the Food Industry: Animal Sources. , 2023, , . | | 2 |
| 1039 | Environmental Issues: Greenhouse Gas Emissions. , 2023, , . | | 0 |
| 1040 | Comparative environmental footprints of lettuce supplied by hydroponic controlled-environment agriculture and field-based supply chains. <i>Journal of Cleaner Production</i> , 2022, 369, 133214. | 4.6 | 15 |
| 1041 | Lessons to learn from roadmapping in cleaning and decontamination. <i>Food and Bioprocess Technology</i> , 2022, 135, 156-164. | 1.8 | 5 |
| 1042 | The potential contribution of food wastage reductions driven by information technology on reductions of energy consumption and greenhouse gas emissions in Japan. <i>Environmental Challenges</i> , 2022, 8, 100588. | 2.0 | 3 |
| 1043 | Thinking Health-related Behaviors in a Climate Change Context: A Narrative Review. <i>Annals of Behavioral Medicine</i> , 2023, 57, 193-204. | 1.7 | 20 |
| 1044 | Latin American Cattle Ranching Sustainability Debate: An Approach to Social-Ecological Systems and Spatial-Temporal Scales. <i>Sustainability</i> , 2022, 14, 8924. | 1.6 | 2 |
| 1045 | Aquaculture: Externalities and Policy Options. <i>Review of Environmental Economics and Policy</i> , 2022, 16, 282-305. | 3.1 | 61 |
| 1046 | “We’re meat, so we need to eat meat to be who we are”: Understanding motivations that increase or reduce meat consumption among emerging adults in the University of Ghana food environment. <i>Meat Science</i> , 2022, 193, 108927. | 2.7 | 8 |
| 1047 | Examining the trade-offs in potential retail benefits of different expiration date modes: Insights into multidimensional scenarios. <i>Resources, Conservation and Recycling</i> , 2022, 186, 106511. | 5.3 | 2 |
| 1048 | The Relationship Between Knowledge and Behaviors on Sustainable Nutrition with Food Choices of Undergraduate Students: A Single Centre Study. <i>European Journal of Science and Technology</i> , 0, , . | 0.5 | 0 |
| 1049 | Toward Optimal Meat Pricing: Is It Time to Tax Meat Consumption?. <i>Review of Environmental Economics and Policy</i> , 2022, 16, 219-240. | 3.1 | 21 |
| 1050 | Linkage Mapping Reveals QTL for Flowering Time-Related Traits under Multiple Abiotic Stress Conditions in Maize. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8410. | 1.8 | 8 |
| 1051 | True Cost Accounting of a healthy and sustainable diet in Italy. <i>Frontiers in Nutrition</i> , 0, 9, . | 1.6 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1052 | Lower Non-Heme Iron Absorption in Healthy Females from Single Meals with Texturized Fava Bean Protein Compared to Beef and Cod Protein Meals: Two Single-Blinded Randomized Trials. <i>Nutrients</i> , 2022, 14, 3162. | 1.7 | 11 |
| 1053 | Biomass Carbon and Tree Cover Dynamics Assessment (2000â€“2010) on Agriculture Landscape in India: Geospatial Interpretation. <i>Biophysical Economics and Sustainability</i> , 2022, 7, . | 0.7 | 0 |
| 1054 | Food security vulnerability due to trade dependencies on Russia and Ukraine. <i>Food Security</i> , 2022, 14, 1503-1510. | 2.4 | 64 |
| 1055 | The Chilean Diet: Is It Sustainable?. <i>Nutrients</i> , 2022, 14, 3103. | 1.7 | 7 |
| 1056 | Addressing the food security and conservation challenges: Can be aligned instead of apposed?. <i>Frontiers in Conservation Science</i> , 0, 3, . | 0.9 | 1 |
| 1057 | Consumer Perception and Acceptability of Plant-Based Alternatives to Chicken. <i>Foods</i> , 2022, 11, 2271. | 1.9 | 10 |
| 1058 | Impact of cropping system diversification on productivity and resource use efficiencies of smallholder farmers in south-central Bangladesh: a multi-criteria analysis. <i>Agronomy for Sustainable Development</i> , 2022, 42, . | 2.2 | 6 |
| 1059 | Estimating the environmental impacts of 57,000 food products. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, . | 3.3 | 95 |
| 1060 | Good for the heart, good for the Earth: proposal of a dietary pattern able to optimize cardiovascular disease prevention and mitigate climate change. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 2772-2781. | 1.1 | 4 |
| 1062 | Consumer acceptance of new food trends resulting from the fourth industrial revolution technologies: A narrative review of literature and future perspectives. <i>Frontiers in Nutrition</i> , 0, 9, . | 1.6 | 31 |
| 1063 | Sustainable agrifood systems for a post-growth world. <i>Nature Sustainability</i> , 2022, 5, 1011-1017. | 11.5 | 63 |
| 1064 | Emerging proteins as precursors of bioactive peptides/hydrolysates with health benefits. <i>Current Opinion in Food Science</i> , 2022, 48, 100914. | 4.1 | 11 |
| 1065 | Hierarchical Linkage between the Basic Characteristics of Smallholders and Technology Awareness Determines Small-Holdersâ€™ Willingness to Adopt Green Production Technology. <i>Agriculture (Switzerland)</i> , 2022, 12, 1275. | 1.4 | 9 |
| 1066 | Chitin Isolation and Chitosan Production from House Crickets (<i>Acheta domesticus</i>) by Environmentally Friendly Methods. <i>Molecules</i> , 2022, 27, 5005. | 1.7 | 12 |
| 1067 | Combining <i>ex-ante</i> and <i>ex-post</i> assessments to support the sustainable transformation of agriculture: the case of Swiss pesticide-free wheat production. <i>Q Open</i> , 0, , . | 0.7 | 3 |
| 1068 | Association between adherence to the EAT-Lancet diet and risk of cancer and cardiovascular outcomes in the prospective NutriNet-SantÃ© cohort. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 980-991. | 2.2 | 13 |
| 1069 | Targeted formulation of plant-based protein-foods: Supporting the food systemâ€™s transformation in the context of human health, environmental sustainability and consumer trends. <i>Trends in Food Science and Technology</i> , 2022, 128, 238-252. | 7.8 | 22 |
| 1070 | Lignin-Based Hydrogen-Bonded Covalent Organic Polymers as Functional â€œSwitchesâ€ of Modified Atmosphere Packaging Membranes for Preservation of Perishable Foods. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 10803-10815. | 3.2 | 9 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1071 | The heritability of pescetarianism and vegetarianism. <i>Food Quality and Preference</i> , 2023, 103, 104705. | 2.3 | 3 |
| 1072 | Ethical and economic implications of the adoption of novel plant-based beef substitutes in the USA: a general equilibrium modelling study. <i>Lancet Planetary Health</i> , The, 2022, 6, e658-e669. | 5.1 | 11 |
| 1073 | Eco-energy and environmental evaluation of cantaloupe production by life cycle assessment method. <i>Environmental Science and Pollution Research</i> , 2023, 30, 1854-1870. | 2.7 | 7 |
| 1074 | On-farm circular technologies for enhanced sustainability: The case of Uruguay. <i>Journal of Cleaner Production</i> , 2022, 372, 133470. | 4.6 | 3 |
| 1075 | Embodied HANPP of feed and animal products: Tracing pressure on ecosystems along trilateral livestock supply chains 1986â€“2013. <i>Science of the Total Environment</i> , 2022, 851, 158198. | 3.9 | 6 |
| 1076 | Temperate Regenerative Agriculture practices increase soil carbon but not crop yieldâ€”a meta-analysis. <i>Environmental Research Letters</i> , 2022, 17, 093001. | 2.2 | 1 |
| 1077 | Knowledge mapping of planetary boundaries based on bibliometrics analysis. <i>Environmental Science and Pollution Research</i> , 2022, 29, 67728-67750. | 2.7 | 5 |
| 1078 | Food processing and value generation align with nutrition and current environmental planetary boundaries. <i>Sustainable Production and Consumption</i> , 2022, 33, 964-977. | 5.7 | 6 |
| 1079 | Three perspectives on regime destabilisation governance: A metatheoretical analysis of German pesticide policy. <i>Environmental Innovation and Societal Transitions</i> , 2022, 44, 245-264. | 2.5 | 6 |
| 1080 | The rise of processed meat alternatives: A narrative review of the manufacturing, composition, nutritional profile and health effects of newer sources of protein, and their place in healthier diets. <i>Trends in Food Science and Technology</i> , 2022, 127, 263-271. | 7.8 | 25 |
| 1081 | Global vegetable supply towards sustainable food production and a healthy diet. <i>Journal of Cleaner Production</i> , 2022, 369, 133212. | 4.6 | 11 |
| 1082 | Consumer perceptions and attitudes towards climate information on food. <i>Journal of Cleaner Production</i> , 2022, 370, 133441. | 4.6 | 6 |
| 1083 | Food waste interventions in low-and-middle-income countries: A systematic literature review. <i>Resources, Conservation and Recycling</i> , 2022, 186, 106534. | 5.3 | 10 |
| 1084 | Evaluating the impact of refrigerated transport trucks in China on climate change from the life cycle perspective. <i>Environmental Impact Assessment Review</i> , 2022, 97, 106866. | 4.4 | 4 |
| 1085 | A framework for assessing sustainable agriculture and rural development: A case study of the Beijing-Tianjin-Hebei region, China. <i>Environmental Impact Assessment Review</i> , 2022, 97, 106861. | 4.4 | 44 |
| 1086 | The nitrogen footprint of Swedish food consumption. <i>Environmental Research Letters</i> , 2022, 17, 104030. | 2.2 | 1 |
| 1087 | A new dietary guideline balancing sustainability and nutrition for Chinaâ€™s rural and urban residents. <i>IScience</i> , 2022, 25, 105048. | 1.9 | 6 |
| 1088 | Carbon footprint assessment of a whole dairy farming system with a biogas plant and the use of solid fraction of digestate as a recycled bedding material. <i>Resources, Conservation & Recycling Advances</i> , 2022, 15, 200115. | 1.1 | 4 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1089 | How do companies implement their zero-deforestation commitments. Journal of Cleaner Production, 2022, 375, 134056. | 4.6 | 7 |
| 1090 | A geographical traceability method for Lanmaoa asiatica mushrooms from 20 township-level geographical origins by near infrared spectroscopy and ResNet image analysis techniques. Ecological Informatics, 2022, 71, 101808. | 2.3 | 5 |
| 1091 | Dietary environmental impacts relative to planetary boundaries for six environmental indicators – A population-based study. Journal of Cleaner Production, 2022, 373, 133949. | 4.6 | 7 |
| 1092 | Evaluating carbon footprint embodied in Japanese food consumption based on global supply chain. Structural Change and Economic Dynamics, 2022, 63, 56-65. | 2.1 | 8 |
| 1093 | An integrated straw-tillage management increases maize crop productivity, soil organic carbon, and net ecosystem carbon budget. Agriculture, Ecosystems and Environment, 2022, 340, 108175. | 2.5 | 10 |
| 1094 | Beyond the eco-design of case-ready beef packaging: The relationship between food waste and shelf-life as a key element in life cycle assessment. Food Packaging and Shelf Life, 2022, 34, 100943. | 3.3 | 7 |
| 1095 | The leader, the keeper, and the follower? A legitimacy perspective on the governance of varietal innovation systems for climate changes adaptation. The case of sunflower hybrids in France. Agricultural Systems, 2022, 203, 103498. | 3.2 | 2 |
| 1096 | Contributions of integrated soil fertility management (ISFM) to various sustainable intensification impact domains in Tanzania. Agricultural Systems, 2022, 203, 103496. | 3.2 | 5 |
| 1097 | Food Security and the COVID-19 Pandemic in Singapore. , 2022, , 1-11. | | 0 |
| 1098 | Exploring the Theoretical Link between Profitability and Luxury Emissions. SSRN Electronic Journal, 0, , . | 0.4 | 1 |
| 1099 | Genetic analysis of maize grain yield components and physiological determinants under contrasting nitrogen availability. Crop and Pasture Science, 2023, 74, 182-193. | 0.7 | 1 |
| 1100 | On the History and Future of 100% Renewable Energy Systems Research. IEEE Access, 2022, 10, 78176-78218. | 2.6 | 138 |
| 1101 | Global implications of biodiversity loss on pandemic disease: COVID-19. , 2022, , 305-322. | | 1 |
| 1102 | Below zero. Environmental Science Advances, 2022, 1, 612-619. | 1.0 | 4 |
| 1103 | Interdisciplinary system and network perspectives in food and agricultural economics. Handbook of Agricultural Economics, 2022, , 4705-4779. | 0.9 | 3 |
| 1104 | Food (In)Security: The Role of Novel Foods on Sustainability. , 2022, , 59-79. | | 0 |
| 1105 | Can closed-loop microbial protein provide sustainable protein security against the hunger pandemic?. Current Research in Biotechnology, 2022, 4, 365-376. | 1.9 | 5 |
| 1106 | A WAY TO SUSTAINABLE CROP PRODUCTION THROUGH SCIENTIST-FARMER ENGAGEMENT. Frontiers of Agricultural Science and Engineering, 2022, . | 0.9 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1107 | Acceptance of Meat Reduction Policies in Switzerland. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 1108 | Phosphorus supply chain for sustainable food production will have mitigated environmental pressure with region-specific phosphorus management. Resources, Conservation and Recycling, 2023, 188, 106686. | 5.3 | 3 |
| 1109 | The contribution of fish and seaweed mariculture to the coastal fluxes of biogenic elements in two important aquaculture areas, China. Science of the Total Environment, 2023, 856, 159056. | 3.9 | 7 |
| 1110 | Environmental impacts of meat and meat replacements. , 2023, , 365-397. | | 2 |
| 1111 | How Does Income Heterogeneity Affect Future Perspectives on Food Consumption? Empirical Evidence from Urban China. Foods, 2022, 11, 2597. | 1.9 | 3 |
| 1112 | Exploring Biblioshiny for Historical Assessment of Global Research on Sustainable Use of Water in Agriculture. Sustainability, 2022, 14, 10651. | 1.6 | 16 |
| 1113 | Consumersâ€™ Attitude towards Sustainability in Italy: Process of Validation of a Duly Designed Questionnaire. Foods, 2022, 11, 2629. | 1.9 | 3 |
| 1114 | A Multi-Control Strategy to Achieve Autonomous Field Operation. AgriEngineering, 2022, 4, 770-788. | 1.7 | 0 |
| 1115 | The triple benefits of slimming and greening the Chinese food system. Nature Food, 2022, 3, 686-693. | 6.2 | 10 |
| 1116 | Sustainability Governance: Insights from a Cocoa Supply Chain. Sustainability, 2022, 14, 10763. | 1.6 | 5 |
| 1117 | Optimizing water and nitrogen productivity of wheat and triticale across diverse production environments to improve the sustainability of baked products. Frontiers in Plant Science, 0, 13, . | 1.7 | 0 |
| 1118 | Fermented foods and cardiometabolic health: Definitions, current evidence, and future perspectives. Frontiers in Nutrition, 0, 9, . | 1.6 | 7 |
| 1119 | Nudging Finnish Adults into Replacing Red Meat with Plant-Based Protein via Presenting Foods as Dish of the Day and Altering the Dish Sequence. Nutrients, 2022, 14, 3973. | 1.7 | 2 |
| 1120 | 13. Food system resilience and governance: a pork story in China. , 2022, , . | | 0 |
| 1121 | The use of wheatgrass (<i>Thinopyrum intermedium</i>) in breeding. Vavilovskii Zhurnal Genetiki I Selektcii, 2022, 26, 413-421. | 0.4 | 4 |
| 1122 | A Tale of Two Urgent Food System Challenges: Comparative Analysis of Approaches to Reduce High-Meat Diets and Wasted Food as Covered in U.S. Newspapers. Sustainability, 2022, 14, 12083. | 1.6 | 1 |
| 1124 | Edible Insect Consumption for Human and Planetary Health: A Systematic Review. International Journal of Environmental Research and Public Health, 2022, 19, 11653. | 1.2 | 14 |
| 1125 | Blockchain Framework for Certification of Organic Agriculture Production. Sustainability, 2022, 14, 11823. | 1.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1126 | Meat, myself, and I: The role of multiple identities in meat consumption. <i>Appetite</i> , 2023, 180, 106319. | 1.8 | 7 |
| 1127 | Randomized national land management strategies for net-zero emissions. <i>Nature Sustainability</i> , 2022, 5, 973-980. | 11.5 | 11 |
| 1128 | Industry 4.0 Technology Enablers' Guardian Role in Food Fraud Prevention. , 2022, , 91-120. | | 0 |
| 1129 | Emerging Water Pollutants from Food and Packaging Industry. , 2022, , 53-76. | | 0 |
| 1130 | Consumption Corridors and the Case of Meat. <i>Journal of Consumer Policy</i> , 2022, 45, 619-653. | 0.6 | 3 |
| 1131 | Planetary Health, Nutrition, and Chronic Kidney Disease: Connecting the Dots for a Sustainable Future. , 2023, 33, S40-S48. | | 11 |
| 1132 | Does Mexico have the agricultural land resources to feed its population with a healthy and sustainable diet?. <i>Sustainable Production and Consumption</i> , 2022, 34, 371-384. | 5.7 | 2 |
| 1133 | Limited impacts of climatic conditions on commercial oil palm yields in Malaysian plantations. <i>CABI Agriculture and Bioscience</i> , 2022, 3, . | 1.1 | 2 |
| 1134 | Assessing the Mycotoxin-related Health Impact of Shifting from Meat-based Diets to Soy-based Meat Analogues in a Model Scenario Based on Italian Consumption Data. <i>Exposure and Health</i> , 2023, 15, 661-675. | 2.8 | 9 |
| 1136 | Sustainable strategies related to soil fertility, economic benefit, and environmental impact on pear orchards at the farmer scale in the Yangtze River Basin, China. <i>Environmental Science and Pollution Research</i> , 0, , . | 2.7 | 1 |
| 1137 | New plant-based and alternative protein foods—Realising the benefits and avoiding the risks. <i>Nutrition and Dietetics</i> , 0, , . | 0.9 | 3 |
| 1138 | Influences of hydrothermal carbonization on phosphorus availability of swine manure-derived hydrochar: Insights into reaction time and temperature. <i>Materials Science for Energy Technologies</i> , 2022, 5, 416-423. | 1.0 | 0 |
| 1139 | Adherence to EAT-Lancet dietary recommendations for health and sustainability in the Gambia. <i>Environmental Research Letters</i> , 2022, 17, 104043. | 2.2 | 8 |
| 1140 | The market effectiveness of regulatory certification for sustainable food supply: A conjoint analysis approach. <i>Sustainable Production and Consumption</i> , 2022, 34, 300-309. | 5.7 | 1 |
| 1141 | How diet portfolio shifts combined with land-based climate change mitigation strategies could reduce climate burdens in Germany. <i>Journal of Cleaner Production</i> , 2022, 376, 134200. | 4.6 | 6 |
| 1142 | Halving nitrogen waste in the European Union food systems requires both dietary shifts and farm level actions. <i>Global Food Security</i> , 2022, 35, 100648. | 4.0 | 11 |
| 1143 | Flexitarianism — the sustainable food consumption?. <i>Elelmiszervizsgalati Kozlemenyek</i> , 2022, 68, 4075-4091. | 0.1 | 2 |
| 1144 | Entomoculture: A Preliminary Techno-Economic Assessment. <i>Foods</i> , 2022, 11, 3037. | 1.9 | 3 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1145 | The elephant in the room is really a cow: using consumption corridors to define sustainable meat consumption in the European Union. <i>Sustainability Science</i> , 0, , . | 2.5 | 3 |
| 1146 | Effect of increasing plant protein intake on protein quality and nutrient intake of US adults. <i>Applied Physiology, Nutrition and Metabolism</i> , 2023, 48, 49-61. | 0.9 | 3 |
| 1147 | A Method of Evaluating Safe Operating Space: Focus on Geographic Regions, Income Levels and Developing Pathway. <i>Environmental Management</i> , 0, , . | 1.2 | 0 |
| 1148 | The politics of enabling tipping points for sustainable development. <i>One Earth</i> , 2022, 5, 1100-1108. | 3.6 | 15 |
| 1149 | Food security and sustainability in times of multiple crises. <i>Annals of Nutrition and Metabolism</i> , 0, , . | 1.0 | 0 |
| 1150 | Trends Shaping Western European Agrifood Systems of the Future. <i>Sustainability</i> , 2022, 14, 13976. | 1.6 | 2 |
| 1151 | Biotechnological Advances to Improve Abiotic Stress Tolerance in Crops. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12053. | 1.8 | 20 |
| 1152 | From planetary to regional boundaries for agricultural nitrogen pollution. <i>Nature</i> , 2022, 610, 507-512. | 13.7 | 78 |
| 1153 | Lignin-based nano-enabled agriculture: A mini-review. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 4 |
| 1154 | Global trends of cropland phosphorus use and sustainability challenges. <i>Nature</i> , 2022, 611, 81-87. | 13.7 | 69 |
| 1155 | The impact of phosphorus on projected Sub-Saharan Africa food security futures. <i>Nature Communications</i> , 2022, 13, . | 5.8 | 9 |
| 1156 | Regionalised greenhouse gas emissions from food production in South-Eastern Australia. <i>Sustainable Production and Consumption</i> , 2023, 35, 116-128. | 5.7 | 3 |
| 1157 | Healthier and Sustainable Food Systems: Integrating Underutilised Crops in a "Theory of Change Approach". , 2023, , 275-323. | | 0 |
| 1158 | An Equality-Based Approach to Analysing the Global Food System's Fair Share, Overshoot, and Responsibility for Exceeding the Climate Change Planetary Boundary. <i>Foods</i> , 2022, 11, 3459. | 1.9 | 2 |
| 1159 | Environmental footprinting of agri-food products traded in the European market. <i>Frontiers in Environmental Science</i> , 0, 10, . | 1.5 | 6 |
| 1160 | Plant-based school meals as levers of sustainable food transitions: A narrative review and conceptual framework. <i>Journal of Agriculture and Food Research</i> , 2022, 10, 100429. | 1.2 | 4 |
| 1161 | Diagnostic, regenerative or fossil-free - exploring stakeholder perceptions of Swedish food system sustainability. <i>Ecological Economics</i> , 2023, 203, 107623. | 2.9 | 2 |
| 1162 | Protein pluralism and food systems transition: A review of sustainable protein meta-narratives. <i>World Development</i> , 2023, 161, 106121. | 2.6 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1163 | Pro-environmental food practices in EU countries strongly suggest mutually reinforcing improvements in gender equality and environmental sustainability. <i>Appetite</i> , 2023, 180, 106350. | 1.8 | 3 |
| 1164 | Eating sustainably: Conviction or convenience?. <i>Appetite</i> , 2023, 180, 106335. | 1.8 | 3 |
| 1165 | Transcription factors: master regulators of disease resistance in crop plants. , 2023, , 419-444. | | 1 |
| 1166 | Carbon sequestration via shellfish farming: A potential negative emissions technology. <i>Renewable and Sustainable Energy Reviews</i> , 2023, 171, 113018. | 8.2 | 8 |
| 1167 | Will greenhouse concerns impact meat consumption? Best-worst scaling analysis of Australian consumers. <i>Food Quality and Preference</i> , 2023, 104, 104755. | 2.3 | 8 |
| 1168 | Terrestrial carbon sequestration under future climate, nutrient and land use change and management scenarios: a national-scale UK case study. <i>Environmental Research Letters</i> , 2022, 17, 114054. | 2.2 | 3 |
| 1170 | Realizing Emergent Ecologies: Nature-Based Solutions from Design to Implementation. <i>Land</i> , 2022, 11, 1972. | 1.2 | 1 |
| 1171 | Editorial: Microbial communities and functions contribute to plant performance under various stresses. <i>Frontiers in Microbiology</i> , 0, 13, . | 1.5 | 1 |
| 1172 | Plant-based default nudges effectively increase the sustainability of catered meals on college campuses: Three randomized controlled trials. <i>Frontiers in Sustainable Food Systems</i> , 0, 6, . | 1.8 | 0 |
| 1173 | International demand for food and services drives environmental footprints of pesticide use. <i>Communications Earth & Environment</i> , 2022, 3, . | 2.6 | 9 |
| 1174 | Comparing meat abstainers with avid meat eaters and committed meat reducers. <i>Frontiers in Nutrition</i> , 0, 9, . | 1.6 | 8 |
| 1175 | Effects of pulsed ultrasonic treatment on the structural and functional properties of cottonseed protein isolate. <i>LWT - Food Science and Technology</i> , 2022, 172, 114143. | 2.5 | 6 |
| 1176 | Can digital farming technologies enhance the willingness to buy products from current farming systems?. <i>PLoS ONE</i> , 2022, 17, e0277731. | 1.1 | 2 |
| 1177 | Local innovation in food system policies: A case study of six Australian local governments. <i>Journal of Agriculture, Food Systems, and Community Development</i> , 0, , 1-25. | 2.4 | 2 |
| 1178 | Transcriptomic analysis reveals the contribution of QMr1-7B to wheat root growth and development. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 0 |
| 1179 | European Green Transition Implications on Africa's Livestock Sector Development and Resilience to Climate Change. <i>Sustainability</i> , 2022, 14, 14401. | 1.6 | 0 |
| 1180 | The Effect of Heterogeneous Environmental Regulations on Carbon Emission Efficiency of the Grain Production Industry: Evidence from China's Inter-Provincial Panel Data. <i>Sustainability</i> , 2022, 14, 14492. | 1.6 | 5 |
| 1181 | Comparison of common classification strategies for large-scale vegetation mapping over the Google Earth Engine platform. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 115, 103092. | 0.9 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1182 | Calculating the sustainability of products based on their efficiency and function. <i>One Earth</i> , 2022, 5, 1260-1270. | 3.6 | 1 |
| 1183 | Green Restaurants. , 2023, , 1-23. | | 1 |
| 1184 | Making food waste illegal in Sweden – Potential gains from enforcing best practice in the public catering sector. <i>Sustainable Production and Consumption</i> , 2023, 35, 229-237. | 5.7 | 7 |
| 1185 | Planetary health and health education in Brazil: Facing inequalities. <i>One Health</i> , 2022, 15, 100461. | 1.5 | 1 |
| 1186 | Game Design for a Museum Visit: Insights into the Co-design of AL2049, a Game About Food Systems. <i>Lecture Notes in Computer Science</i> , 2022, , 22-31. | 1.0 | 0 |
| 1187 | Disparate history of transgressing planetary boundaries for nutrients. <i>Global Environmental Change</i> , 2023, 78, 102628. | 3.6 | 6 |
| 1188 | The potential for livestock manure valorization and phosphorus recovery by hydrothermal technology - a critical review. <i>Materials Science for Energy Technologies</i> , 2023, 6, 94-104. | 1.0 | 1 |
| 1189 | How seasonality affects the environmental performance of fresh appetite: Insights from cherry consumption in China. <i>Journal of Environmental Management</i> , 2023, 327, 116868. | 3.8 | 0 |
| 1190 | Changes in inorganic and organic matters in processed water from hydrothermal-treated biogas slurry. <i>Materials Science for Energy Technologies</i> , 2023, 6, 145-157. | 1.0 | 1 |
| 1191 | Agricultural environmental footprint index based on planetary boundary: Framework and case on Chinese agriculture. <i>Journal of Cleaner Production</i> , 2023, 385, 135699. | 4.6 | 5 |
| 1192 | Energy system transition pathways to meet the global electricity demand for ambitious climate targets and cost competitiveness. <i>Applied Energy</i> , 2023, 331, 120401. | 5.1 | 37 |
| 1193 | Energy scarcity and rising cost: Towards a paradigm shift for livestock. <i>Agricultural Systems</i> , 2023, 205, 103585. | 3.2 | 10 |
| 1194 | Indicators of water use efficiency across diverse agroecosystems and spatiotemporal scales. <i>Science of the Total Environment</i> , 2023, 864, 160992. | 3.9 | 14 |
| 1195 | A comparative investigation of seed storage protein fractions: The synergistic impact of molecular properties and composition on anisotropic structuring. <i>Food Hydrocolloids</i> , 2023, 137, 108400. | 5.6 | 8 |
| 1196 | Understanding food sustainability from a consumer perspective: A cross cultural exploration. <i>International Journal of Gastronomy and Food Science</i> , 2023, 31, 100646. | 1.3 | 9 |
| 1197 | The Linkages Between Social Protection Program and Environmental Impacts in Food Systems: A Conceptual Model. , 2021, , . | | 0 |
| 1198 | Teachers’s™ Perceptions and Educational Practices on Sustainable Nutrition in Cyprus. <i>Journal of Education for Sustainable Development</i> , 2022, 16, 61-79. | 0.8 | 1 |
| 1199 | China’s™ Trade of Agricultural Products Drives Substantial Greenhouse Gas Emissions. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 15774. | 1.2 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1200 | COVID-19 Changes Public Awareness about Food Sustainability and Dietary Patterns: A Google Trends Analysis. <i>Nutrients</i> , 2022, 14, 4898. | 1.7 | 5 |
| 1201 | EU climate plan sacrifices carbon storage and biodiversity for bioenergy. <i>Nature</i> , 2022, 612, 27-30. | 13.7 | 9 |
| 1202 | Highly degradable chitosan-montmorillonite (MMT) nano-composite hydrogel for controlled fertilizer release. <i>Frontiers of Environmental Science and Engineering</i> , 2023, 17, . | 3.3 | 11 |
| 1203 | EnviroScore: normalization, weighting, and categorization algorithm to evaluate the relative environmental impact of food and drink products. <i>Npj Science of Food</i> , 2022, 6, . | 2.5 | 5 |
| 1204 | Enhanced mitigation in nutrient surplus driven by multilateral crop trade patterns. <i>Communications Earth & Environment</i> , 2022, 3, . | 2.6 | 1 |
| 1205 | Putting permanent grassland at the heart of a European agroecological transition: Findings and questions arising from the "Ten Years for Agroecology" (TYFA) scenario. <i>Grass and Forage Science</i> , 0, , . | 1.2 | 3 |
| 1206 | Diet and Diabetes Prevention: Is a Plant-Based Diet the Solution?. <i>Diabetes Care</i> , 2023, 46, 6-8. | 4.3 | 3 |
| 1207 | Toward a More Climate-Sustainable Diet: Possible Deleterious Impacts on Health When Diet Quality Is Ignored. <i>Journal of Nutrition</i> , 2022, , . | 1.3 | 0 |
| 1208 | The Role of Income and Food Prices in Diet-Related Greenhouse Gas Emissions in China: A Path towards a Sustainable Diet. <i>Foods</i> , 2022, 11, 4051. | 1.9 | 1 |
| 1209 | EAT-Lancet Healthy Reference Diet score and diabetes incidence in a cohort of Mexican women. <i>European Journal of Clinical Nutrition</i> , 2023, 77, 348-355. | 1.3 | 9 |
| 1210 | Insects as Human Food. , 2023, , 65-106. | | 0 |
| 1211 | Quebec Nurses' Perceptions of the Integration of Sustainable Diet Promotion Into Clinical Appointments: A Qualitative Study. <i>Science of Nursing and Health Practices - Science Infirmière Et Pratiques En Santé</i> , 2022, 5, 70-88. | 0.0 | 0 |
| 1212 | Measuring Adherence to Sustainable Healthy Diets: A Scoping Review of Dietary Metrics. <i>Advances in Nutrition</i> , 2023, 14, 147-160. | 2.9 | 5 |
| 1213 | The Potential Role of Iceland in Northern Europe's Protein Self-Sufficiency: Feasibility Study of Large-Scale Production of Spirulina in a Novel Energy-Food System. <i>Foods</i> , 2023, 12, 38. | 1.9 | 0 |
| 1214 | Framing Food in the News: Still Keeping the Politics out of the Broccoli. <i>Journalism Practice</i> , 0, , 1-23. | 1.5 | 1 |
| 1215 | Climate-friendly and nutrition-sensitive interventions can close the global dietary nutrient gap while reducing GHG emissions. <i>Nature Food</i> , 2023, 4, 61-73. | 6.2 | 8 |
| 1216 | Navigating sustainability and health trade-offs in global seafood systems. <i>Environmental Research Letters</i> , 2022, 17, 124042. | 2.2 | 4 |
| 1217 | Animal- and Plant-Based Protein Sources: A Scoping Review of Human Health Outcomes and Environmental Impact. <i>Nutrients</i> , 2022, 14, 5115. | 1.7 | 17 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1218 | Achieving win-win outcomes for biodiversity and yield through diversified farming. <i>Basic and Applied Ecology</i> , 2023, 67, 14-31. | 1.2 | 12 |
| 1219 | Unraveling Trade-offs Among Reforestation, Urbanization, and Food Security in the South China Karst Region: How Can a Hinterland Province Achieve SDGs?. <i>Earth's Future</i> , 2022, 10, . | 2.4 | 5 |
| 1220 | Developing Decision-Making Tools for Food Waste Management via Spatially Explicit Integration of Experimental Hydrothermal Carbonization Data and Computational Models Using New York as a Case Study. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 16578-16587. | 3.2 | 3 |
| 1221 | PotencjaÅ, agroekosystemÃ³w do naturalnej regulacji liczebnoÅci szkodnikÃ³w. Analiza na poziomie krajobrazowym dla Polski. <i>RozwÃ³j Regionalny i Polityka Regionalna</i> , 2022, 15, 11-22. | 0.0 | 0 |
| 1222 | A low-carbon and hunger-free future for Bangladesh: An ex- ante assessment of synergies and trade-offs in different transition pathways. <i>Frontiers in Environmental Science</i> , 0, 10, . | 1.5 | 1 |
| 1223 | How to feed the world while reducing nitrogen pollution. <i>Nature</i> , 2023, 613, 34-35. | 13.7 | 15 |
| 1224 | The True Cost of Food: A Preliminary Assessment. , 2023, , 581-601. | | 5 |
| 1225 | Peak and fall of China's agricultural GHG emissions. <i>Journal of Cleaner Production</i> , 2023, 389, 136035. | 4.6 | 16 |
| 1226 | Integrated modeling to achieve global goals: lessons from the Food, Agriculture, Biodiversity, Land-use, and Energy (FABLE) initiative. <i>Sustainability Science</i> , 2023, 18, 323-333. | 2.5 | 4 |
| 1227 | The relationship between sustainable nutrition and healthy food choice: a cross-sectional study. <i>The European Research Journal</i> , 2023, 9, 192-199. | 0.1 | 1 |
| 1228 | The Consequences for Climate of Meat Consumption. , 2023, , 17-56. | | 0 |
| 1229 | A Shift to Healthy and Sustainable Consumption Patterns. , 2023, , 59-85. | | 1 |
| 1230 | Apoptosis-Inducing Effects of Short-Chain Fatty Acids-Rich Fermented Pistachio Milk in Human Colon Carcinoma Cells. <i>Foods</i> , 2023, 12, 189. | 1.9 | 5 |
| 1231 | Livestock and Sustainable Food Systems: Status, Trends, and Priority Actions. , 2023, , 375-399. | | 2 |
| 1232 | Food Systems Innovation Hubs in Low- and Middle-Income Countries. , 2023, , 455-468. | | 0 |
| 1233 | Political Conceptions of Human and Animal Rights: Principled and Prudential Reasons. <i>SpringerBriefs in Law</i> , 2023, , 49-90. | 0.0 | 0 |
| 1234 | Sufficiency in Chinaâ€™s Energy Provision: A Service Understanding of Sustainable Consumption and Production. , 2023, , 111-133. | | 0 |
| 1237 | Cost-effective mitigation of nitrogen pollution from global croplands. <i>Nature</i> , 2023, 613, 77-84. | 13.7 | 91 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1238 | Organic agriculture in a low-emission world: exploring combined measures to deliver a sustainable food system in Sweden. <i>Sustainability Science</i> , 2023, 18, 501-519. | 2.5 | 12 |
| 1239 | Development of plant-based meat analogs using 3D printing: Status and opportunities. <i>Trends in Food Science and Technology</i> , 2023, 132, 76-92. | 7.8 | 22 |
| 1240 | New approaches for safe use of food by-products and biowaste in the feed production chain. <i>Journal of Cleaner Production</i> , 2023, 388, 135954. | 4.6 | 8 |
| 1241 | High-resolution maps of intensive and extensive livestock production in China. <i>Resources, Environment and Sustainability</i> , 2023, 12, 100104. | 2.9 | 6 |
| 1242 | Meyve Āœeretiminde Soliter ArĀ±larĀ±n Ā–nemi. <i>Meyve Bilimi</i> , 0, , . | 0.0 | 0 |
| 1243 | SOS: EMERGENCIA CLIMĀTICA EN LAS AULAS DE EDUCACIĀN SECUNDARIA. <i>Investigacoes Em Ensino De Ciencias</i> , 2022, 27, 44-58. | 0.0 | 0 |
| 1244 | WhatĀ™s to Eat and Drink on Campus? Public and Planetary Health, Public Higher Education, and the Public Good. <i>Nutrients</i> , 2023, 15, 196. | 1.7 | 2 |
| 1245 | UnĀyielding: Evidence for the agriculture transformation we need. <i>Annals of the New York Academy of Sciences</i> , 2023, 1520, 89-104. | 1.8 | 5 |
| 1247 | Ecologically unequal exchanges driven by EU consumption. <i>Nature Sustainability</i> , 2023, 6, 587-598. | 11.5 | 11 |
| 1248 | The politics of adaptiveness in agroecosystems and its role in transformations to sustainable food systems. <i>Earth System Governance</i> , 2023, 15, 100164. | 2.1 | 3 |
| 1249 | Traffic-light front-of-pack environmental labelling across food categories triggers more environmentally friendly food choices: a randomised controlled trial in virtual reality supermarket. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2023, 20, . | 2.0 | 4 |
| 1250 | Goal-oriented insect farming and processing can alleviate the dilemma faced by the industrialization of insect resources. <i>Circular Agricultural Systems</i> , 2023, 3, 1-8. | 0.5 | 0 |
| 1251 | Neglected and underutilized crops and global food security. , 2023, , 3-19. | | 4 |
| 1252 | Policy Impacts of High-Standard Farmland Construction on Agricultural Sustainability: Total Factor Productivity-Based Analysis. <i>Land</i> , 2023, 12, 283. | 1.2 | 13 |
| 1253 | Climate-friendly, health-promoting, and culturally acceptable diets for German adult omnivores, pescatarians, vegetarians, and vegans Ā– a linear programming approach. <i>Nutrition</i> , 2023, 109, 111977. | 1.1 | 2 |
| 1254 | Chicken Eggs Substitute Using Vegetable OriginĀ™ A Review. <i>Food and Bioprocess Technology</i> , 2023, 16, 1652-1667. | 2.6 | 3 |
| 1255 | The Alignment of Recommendations of Dietary Guidelines with Sustainability Aspects: Lessons Learned from ItalyĀ™s Example and Proposals for Future Development. <i>Nutrients</i> , 2023, 15, 542. | 1.7 | 9 |
| 1256 | From Smart Grids to Super Smart Grids: A Roadmap for Strategic Demand Management for Next Generation SAARC and European Power Infrastructure. <i>IEEE Access</i> , 2023, 11, 12303-12341. | 2.6 | 6 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1257 | The circular economy operating and stakeholder model to avoid circular fallacies that prevent sustainability. <i>Journal of Cleaner Production</i> , 2023, 391, 136096. | 4.6 | 6 |
| 1258 | The Triple Challenge: synergies, trade-offs and integrated responses for climate, biodiversity, and human wellbeing goals. <i>Climate Policy</i> , 2023, 23, 782-799. | 2.6 | 11 |
| 1259 | Can the Wild Perennial, Rhizomatous Rice Species <i>Oryza longistaminata</i> be a Candidate for De Novo Domestication?. <i>Rice</i> , 2023, 16, . | 1.7 | 4 |
| 1260 | Smart packaging A pragmatic solution to approach sustainable food waste management. <i>Food Packaging and Shelf Life</i> , 2023, 36, 101044. | 3.3 | 17 |
| 1261 | Anthropogenic atmospheric deposition caused the nutrient and toxic metal enrichment of the enclosed lakes in North China. <i>Journal of Hazardous Materials</i> , 2023, 448, 130972. | 6.5 | 2 |
| 1263 | Spatial variation in the association between agricultural activities and bird communities in Canada. <i>Science of the Total Environment</i> , 2023, 881, 163413. | 3.9 | 2 |
| 1264 | Comparison of crop productivity, economic benefit and environmental footprints among diversified multi-cropping systems in South China. <i>Science of the Total Environment</i> , 2023, 874, 162407. | 3.9 | 6 |
| 1265 | Consumer perception of plant-based yoghurt: Sensory drivers of liking and emotional, holistic and conceptual associations. <i>Food Research International</i> , 2023, 167, 112666. | 2.9 | 14 |
| 1266 | From attitude to identity? A field experiment on attitude activation, identity formation, and meat reduction. <i>Journal of Environmental Psychology</i> , 2023, 87, 101996. | 2.3 | 2 |
| 1267 | Insights into parents' and teachers' support for policies promoting increased plant-based eating in schools. <i>Appetite</i> , 2023, 184, 106511. | 1.8 | 2 |
| 1268 | Life cycle assessment of urban food supply: Key findings and recommendations from a French metropolitan area case study. <i>Journal of Cleaner Production</i> , 2023, 401, 136788. | 4.6 | 0 |
| 1269 | Towards a circular economy in virgin olive oil production: Valorization of the olive mill waste (OMW) through polyphenol recovery with natural deep eutectic solvents (NADESs) and vermicomposting. <i>Science of the Total Environment</i> , 2023, 872, 162198. | 3.9 | 8 |
| 1270 | Targeting 1.5 degrees with the global carbon footprint of the Australian Capital Territory. <i>Environmental Science and Policy</i> , 2023, 144, 137-150. | 2.4 | 1 |
| 1271 | Chemical safety and the exposome. <i>Emerging Contaminants</i> , 2023, 9, 100225. | 2.2 | 1 |
| 1272 | Sustainability assessment of surplus food donation: A transfer system generating environmental, economic, and social values. <i>Sustainable Production and Consumption</i> , 2023, 38, 41-54. | 5.7 | 3 |
| 1273 | Harnessing the connectivity of climate change, food systems and diets: Taking action to improve human and planetary health. <i>Anthropocene</i> , 2023, 42, 100381. | 1.6 | 4 |
| 1274 | Nitrogen management in farming systems under the use of agricultural wastes and circular economy. <i>Science of the Total Environment</i> , 2023, 876, 162666. | 3.9 | 19 |
| 1275 | Transitions to plant-based diets: the role of societal tipping points. <i>Current Opinion in Food Science</i> , 2023, 51, 101015. | 4.1 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1277 | Relationship Between Climate Change and Agriculture at the EU Level. <i>Economic Themes</i> , 2022, 60, 323-342. | 0.6 | 0 |
| 1278 | Circularity in Europe strengthens the sustainability of the global food system. <i>Nature Food</i> , 2023, 4, 320-330. | 6.2 | 15 |
| 1279 | Oat: Current state and challenges in plant-based food applications. <i>Trends in Food Science and Technology</i> , 2023, 134, 56-71. | 7.8 | 22 |
| 1280 | Towards circular food systems in Europe. <i>Nature Food</i> , 0, , . | 6.2 | 0 |
| 1281 | Prospective life cycle assessment of viticulture under climate change scenarios, application on two case studies in France. <i>Science of the Total Environment</i> , 2023, 880, 163288. | 3.9 | 2 |
| 1282 | Exploring the environmental impact associated with the abandonment of the Mediterranean Diet, and how to reduce it with alternative sustainable diets. <i>Ecological Economics</i> , 2023, 209, 107818. | 2.9 | 3 |
| 1283 | How much environmental burden does the shifting to nutritional diet bring? Evidence of dietary transformation in rural China. <i>Environmental Science and Policy</i> , 2023, 145, 129-138. | 2.4 | 1 |
| 1284 | Rural system sustainability evaluation based on emergy analysis: An empirical study of 321 villages in China. <i>Journal of Cleaner Production</i> , 2023, 389, 136088. | 4.6 | 9 |
| 1285 | Climate Impact of Plant-based Meat Analogues: A Review of Life Cycle Assessments. <i>Sustainable Production and Consumption</i> , 2023, 36, 328-337. | 5.7 | 5 |
| 1286 | Information about health and environmental benefits has minimal impact on consumer responses to commercial plant-based yoghurts. <i>Food Quality and Preference</i> , 2023, 106, 104820. | 2.3 | 8 |
| 1287 | Riceâ€Animal Coâ€Culture Systems Benefit Global Sustainable Intensification. <i>Earth's Future</i> , 2023, 11, . | 2.4 | 7 |
| 1289 | New label, new target group? The case of the organic label and the Nutri-Score. <i>Organic Agriculture</i> , 2023, 13, 221-235. | 1.2 | 1 |
| 1290 | Acceptance of meat reduction policies in Switzerland. <i>IScience</i> , 2023, 26, 106129. | 1.9 | 3 |
| 1291 | Enhancing the ecological value of oil palm agriculture through set-asides. <i>Nature Sustainability</i> , 2023, 6, 513-525. | 11.5 | 3 |
| 1292 | The Environmental Sustainability of Plant-Based Dietary Patterns: A Scoping Review. <i>Journal of Nutrition</i> , 2023, 153, 857-869. | 1.3 | 12 |
| 1294 | Food Insecurity in Latin America: Proposals Linked to Sustainable Management in COVID-19 Times. <i>Advanced Series in Management</i> , 2023, 30, 123-135. | 0.8 | 0 |
| 1295 | Enhancing Food Security through Digital Inclusive Finance: Evidence from Agricultural Enterprises in China. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 2956. | 1.2 | 2 |
| 1296 | Potential of existing strategies to reduce net anthropogenic inputs of phosphorus to land in the United States. <i>Environmental Research: Infrastructure and Sustainability</i> , 2023, 3, 015005. | 0.9 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1297 | Agricultural intensification, Indigenous stewardship and land sparing in tropical dry forests. <i>Nature Sustainability</i> , 2023, 6, 671-682. | 11.5 | 11 |
| 1298 | Environmental footprints of farmed chicken and salmon bridge the land and sea. <i>Current Biology</i> , 2023, 33, 990-997.e4. | 1.8 | 2 |
| 1301 | Novel Lines of Research on the Environmental and Human Health Impacts of Nut Consumption. <i>Nutrients</i> , 2023, 15, 955. | 1.7 | 1 |
| 1302 | The effect of meat-shaming on meat eaters's emotions and intentions to adapt behavior. <i>Food Quality and Preference</i> , 2023, 107, 104831. | 2.3 | 4 |
| 1303 | Towards Sustainable Food Security through Regional Grain Supply and Demand Analysis in China. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 3434. | 1.2 | 0 |
| 1304 | THE RELEVANCE OF THE APPEARANCE OF A VEGETABLE ANALOGUE OF MEAT. , 2023, , . | | 0 |
| 1305 | Animal welfare is a stronger determinant of public support for meat taxation than climate change mitigation in Germany. <i>Nature Food</i> , 2023, 4, 160-169. | 6.2 | 17 |
| 1306 | Action collective foncière et émergence de projets agri-alimentaires dans le dispositif PAEN. Le cas de la métropole lyonnaise. <i>Économie Rurale</i> , 2023, , 51-68. | 0.1 | 0 |
| 1308 | High yield with efficient nutrient use: Opportunities and challenges for wheat. <i>IScience</i> , 2023, 26, 106135. | 1.9 | 3 |
| 1309 | An interactive model to assess pathways for agriculture and food sector contributions to country-level net-zero targets. <i>Communications Earth & Environment</i> , 2023, 4, . | 2.6 | 1 |
| 1310 | Shifts from conventional horticulture to agroecology impacts soil fungal diversity in Central Argentina. <i>Mycological Progress</i> , 2023, 22, . | 0.5 | 2 |
| 1311 | Creating and <i>De Novo</i> Improvement of New Allopolyploid Crops for Future Agriculture. <i>Critical Reviews in Plant Sciences</i> , 2023, 42, 53-64. | 2.7 | 0 |
| 1312 | Can knowledge-based practices achieve high yields with lower input and GHG emissions in the Chinese orchard system?. <i>Ecosystem Health and Sustainability</i> , 0, , . | 0.0 | 0 |
| 1313 | The political economy of taxing meat. <i>Nature Food</i> , 2023, 4, 209-210. | 6.2 | 3 |
| 1314 | A Review of Cultured Meat and its Current Public Perception. <i>Current Nutrition and Food Science</i> , 2023, 19, . | 0.3 | 0 |
| 1315 | Bioavailability of vitamin D biofortified pork meat: results of an acute human crossover study in healthy adults. <i>International Journal of Food Sciences and Nutrition</i> , 2023, 74, 279-290. | 1.3 | 2 |
| 1317 | Preventing Agricultural Non-Point Source Pollution in China: The Effect of Environmental Regulation with Digitization. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 4396. | 1.2 | 0 |
| 1318 | Scalable Knowledge Management to Meet Global 21st Century Challenges in Agriculture. <i>Land</i> , 2023, 12, 588. | 1.2 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1320 | The EU sustainable food systems framework - potential for climate action. , 2023, 2, . | | 2 |
| 1321 | Environmental Assessment of Local Food Policies through a Territorial Life Cycle Approach. Sustainability, 2023, 15, 4740. | 1.6 | 3 |
| 1322 | The Pathway to China's Carbon-Neutral Agriculture: Measures, Potential and Future Strategies. Chinese Political Science Review, 2023, 8, 304-324. | 2.0 | 7 |
| 1323 | The effect of social norms on vegetarian choices is moderated by intentions to follow a vegetarian diet in the future: Evidence from a laboratory and field study. Frontiers in Psychology, 0, 14, . | 1.1 | 0 |
| 1324 | Recent Advances in Mycotoxin Determination in Fish Feed Ingredients. Molecules, 2023, 28, 2519. | 1.7 | 3 |
| 1325 | Prediction of Irrigation Water Requirements for Green Beans-Based Machine Learning Algorithm Models in Arid Region. Water Resources Management, 2023, 37, 1557-1580. | 1.9 | 7 |
| 1326 | Cradle-to-grave emissions from food loss and waste represent half of total greenhouse gas emissions from food systems. Nature Food, 2023, 4, 247-256. | 6.2 | 28 |
| 1327 | The impact of salient labels and choice overload on sustainability judgments: An online experiment investigating consumers' knowledge and overconfidence. Food Quality and Preference, 2023, 107, 104846. | 2.3 | 2 |
| 1328 | Sustainability Research in the Wine Industry: A Bibliometric Approach. Agronomy, 2023, 13, 871. | 1.3 | 8 |
| 1329 | Sustainable consumption by product substitution? An exploration of the appropriation of plant-based "mylk" in everyday life. , 2023, 2, 78-101. | | 0 |
| 1330 | Formation and characterization of solid fat mimetic based on pea protein isolate/polysaccharide emulsion gels. Frontiers in Nutrition, 0, 9, . | 1.6 | 8 |
| 1331 | Allocation of U.S. Biomass Production to Food, Feed, Fiber, Fuel and Exports. Land, 2023, 12, 695. | 1.2 | 0 |
| 1332 | Oxygen Nanobubble-Loaded Biochars Mitigate Copper Transfer from Copper-Contaminated Soil to Rice and Improve Rice Growth. ACS Sustainable Chemistry and Engineering, 2023, 11, 5032-5044. | 3.2 | 1 |
| 1333 | Increasing crop rotational diversity can enhance cereal yields. Communications Earth & Environment, 2023, 4, . | 2.6 | 10 |
| 1334 | A better use of fertilizers is needed for global food security and environmental sustainability. Agriculture and Food Security, 2023, 12, . | 1.6 | 17 |
| 1335 | Healthy diets for sustainable food systems: a narrative review. Environmental Science Advances, 0, , . | 1.0 | 0 |
| 1336 | Climate changes and nutrition sustainability. Journal of Endocrinological Investigation, 0, , . | 1.8 | 0 |
| 1337 | Perceived Value of Cultured Proteins as Novel Food in Canada: Generation Z Consumers in a Cross Generational Perspective. Journal of International Food and Agribusiness Marketing, 0, , 1-28. | 1.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1338 | Dietary transition requires work: exploring the practice-transition processes of young Danish meat reducers. <i>Food, Culture & Society</i> , 0, , 1-19. | 0.6 | 5 |
| 1339 | The future of carbon labeling – Factors to consider. <i>Agricultural and Resource Economics Review</i> , 2023, 52, 151-167. | 0.6 | 6 |
| 1340 | éÉÿç””ãšã,ã²éÉ¼æ–™ç””ã²ãÿã,ã²æ~tè™«ã²ç”ÿç”Éã²ã²©ç””ã«é–çã²™ã,ç”ç©ªã«ã²ã²ã»Šã³¼Çã²è²é;ÇE. Nihon Chokusan Gakkaiho, 2023, 106, 1-33. | | 2 |
| 1341 | Cage Culture of Finfish: Its Importance, Distributions and Future Modifications in Ongoing Climate Change. , 2023, , 1-33. | | 2 |
| 1342 | Global contributions of milk to nutrient supplies and greenhouse gas emissions. <i>Journal of Dairy Science</i> , 2023, 106, 3287-3300. | 1.4 | 2 |
| 1343 | Conceptualisation of an Ecodesign Framework for Sustainable Food Product Development across the Supply Chain. <i>Environments - MDPI</i> , 2023, 10, 59. | 1.5 | 4 |
| 1344 | Strategies for reducing meat consumption within college and university settings: A systematic review and meta-analysis. <i>Frontiers in Sustainable Food Systems</i> , 0, 7, . | 1.8 | 4 |
| 1345 | Environmental context and herbivore traits mediate the strength of associational effects in a meta-analysis of crop diversity. <i>Journal of Applied Ecology</i> , 2023, 60, 875-885. | 1.9 | 6 |
| 1346 | Eco-Hydrological Modelling of a Highly Managed Mediterranean Basin Using the SWAT+ Model: A Preliminary Approach. , 0, , . | | 0 |
| 1347 | Green Restaurants. , 2023, , 2043-2065. | | 0 |
| 1348 | Research needs for a food system transition. <i>Climatic Change</i> , 2023, 176, . | 1.7 | 3 |
| 1349 | How far are green products from the Chinese dinner table? – Chinese farmers’ acceptance of green planting technology. <i>Journal of Cleaner Production</i> , 2023, 410, 137141. | 4.6 | 9 |
| 1350 | Genetic mapping and functional genomics of soybean seed protein. <i>Molecular Breeding</i> , 2023, 43, . | 1.0 | 5 |
| 1351 | Recycling – The future urban sink for wastewater and organic waste. <i>City and Environment Interactions</i> , 2023, 19, 100104. | 1.8 | 1 |
| 1352 | Multifunctional edible chitin nanofibers/ferulic acid composite coating for fruit preservation. <i>Journal of Polymer Science</i> , 2024, 62, 338-352. | 2.0 | 4 |
| 1353 | ENVIRONMENTAL ASPECTS IN THE DEVELOPMENT OF SUSTAINABLE FOOD SYSTEMS. <i>Balanced Nature Using</i> , 2022, , 119-128. | 0.1 | 0 |
| 1354 | Toward a Better Understanding of Phosphorus Nonpoint Source Pollution from Soil to Water and the Application of Amendment Materials: Research Trends. <i>Water (Switzerland)</i> , 2023, 15, 1531. | 1.2 | 3 |
| 1355 | Perspectives of individuals on reducing meat consumption to mitigate climate change: protocol for a scoping review. <i>BMJ Open</i> , 2023, 13, e071122. | 0.8 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1356 | The Potential Contribution of Smart Animal Nutrition in Reducing the Environmental Impacts of Livestock Systems. , 2023, , 311-336. | | 1 |
| 1357 | Meat tenderization using acetaminophen (paracetamol/APAP): A review on deductive biochemical mechanisms, toxicological implications and strategies for mitigation. Heliyon, 2023, 9, e15628. | 1.4 | 1 |
| 1358 | How information, social norms, and experience with novel meat substitutes can create positive political feedback and demand-side policy change. Food Policy, 2023, 117, 102445. | 2.8 | 3 |
| 1366 | Shaping a resilient future in response to COVID-19. Nature Sustainability, 2023, 6, 897-907. | 11.5 | 7 |
| 1381 | Spillover effects of dietary transitions. Nature Food, 2023, 4, 458-459. | 6.2 | 0 |
| 1408 | Production of plant-based meat: functionality, limitations and future prospects. European Food Research and Technology, 2023, 249, 2189-2213. | 1.6 | 6 |
| 1409 | Introduction: The Sustainability Challenges of Brazilian Agriculture. Environment & Policy, 2023, , 1-16. | 0.4 | 0 |
| 1410 | A Sustainable Ocean Economy for 2050: Approximating Its Benefits and Costs. , 2023, , 681-714. | | 0 |
| 1411 | The Ocean as a Solution to Climate Change: Five Opportunities for Action. , 2023, , 619-680. | | 0 |
| 1412 | The Brazilian Way of Farming: Potential and Challenges to Agricultural Decarbonization. Environment & Policy, 2023, , 145-163. | 0.4 | 1 |
| 1423 | Protein from landâ€™ unconventional plant protein. , 2023, , 69-85. | | 0 |
| 1424 | Protein from seafood. , 2023, , 107-129. | | 0 |
| 1435 | Supply chain disruptions would increase agricultural greenhouse gas emissions. Regional Environmental Change, 2023, 23, . | 1.4 | 1 |
| 1457 | Climate Change and Health in the Tropics: Current Status and Future Trends. , 2024, , 33-42. | | 0 |
| 1487 | Population and food systems: what does the future hold?. Population and Environment, 2023, 45, . | 1.3 | 3 |
| 1504 | From Agroecology to Food Systems Sustainability: An Evolutionary Path Shifting Toward Sustainable Agriculture and Development. , 2023, , 1441-1458. | | 0 |
| 1510 | Prospects of Insect Farming for Food Security, Environmental Sustainability, and as an Alternative to Agrochemical Use. Sustainable Development and Biodiversity, 2023, , 565-600. | 1.4 | 0 |
| 1511 | Kapitel 5. ErnÃ¼hrung. , 2023, , 245-269. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1514 | The Ecology of Agri-Food System. Sustainable Development Goals Series, 2023, , 485-488. | 0.2 | 0 |
| 1520 | Sustainable Food Systems. , 2023, , 1-4. | | 0 |
| 1529 | Food Security and the COVID-19 Pandemic in Singapore. , 2023, , 2425-2435. | | 0 |
| 1537 | Reduction of Both Health and Environmental Risk from the Med-Waste Technology of COVID-19. , 2023, , . | | 0 |
| 1541 | A rebalanced discussion of the roles of livestock in society. Nature Food, 0, , . | 6.2 | 0 |
| 1573 | Plant Tissue Culture and Crop Improvement. , 2023, , 841-862. | | 0 |
| 1578 | Slow Food Movement and Sustainability. , 2023, , 2933-2945. | | 0 |
| 1579 | Plant Molecular Farming for Developing Countries: Current Status and Future Perspectives. Concepts and Strategies in Plant Sciences, 2023, , 273-297. | 0.6 | 0 |
| 1603 | The future of foods. , 2024, 2, 253-265. | | 0 |
| 1627 | Generation Z and novel plant-based food alternatives. , 2024, , 105-129. | | 0 |
| 1642 | Potential benefits of cellular agriculture. , 2024, , 423-434. | | 0 |
| 1643 | Offer me Inspiring Values; I do not care about Branding! What the different types of meat-free diet segments want. , 2024, , 59-81. | | 0 |
| 1647 | Assessing the Environmental Impact of Plant-Based Diets: A Comprehensive Analysis. , 2023, , . | | 0 |
| 1648 | Research progress in assessment and strategies for sustainable food system within planetary boundaries. Science China Earth Sciences, 2024, 67, 375-386. | 2.3 | 0 |
| 1649 | Digital Agriculture for the Years to Come. , 2024, , 1-45. | | 0 |
| 1656 | CRISPR/Cas-mediated germplasm improvement and new strategies for crop protection. , 2024, 2, . | | 0 |
| 1659 | Innovative computational tools provide new insights into the polyploid wheat genome. ABIOTECH, 2024, 5, 52-70. | 1.8 | 0 |
| 1661 | Sustainable Food Systems. , 2023, , 7062-7065. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|----|-----------|
| 1664 | Sant  et environnement. , 2022, , 361-369. | | 0 |