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Innovation can accelerate the transition towards a sustainable food system

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199	Colliding paradigms and trade-offs: Agri-food systems and value chain interventions. <i>Global Food Security</i> , 2020 , 26, 100439	8.3	13
198	Beyond Sustainability in Food Systems: Perspectives from Agroecology and Social Innovation. <i>Sustainability</i> , 2020 , 12, 7524	3.6	15
197	A research vision for food systems in the 2020s: Defying the status quo. <i>Global Food Security</i> , 2020 , 26, 100397	8.3	46
196	Publicprivate roles beyond crop yields. <i>Nature Food</i> , 2020 , 1, 311-311	14.4	1
195	Mapping disruption and resilience mechanisms in food systems. 2020 , 12, 1-23		49
194	Urban Food Systems: How Regionalization Can Contribute to Climate Change Mitigation. 2020 , 54, 105	51-105	66 0 5
193	Supporting food systems transformation: The what, why, who, where and how of mission-oriented agricultural innovation systems. 2020 , 184, 102901		78
192	Uncoupling Meat From Animal Slaughter and Its Impacts on Human-Animal Relationships. 2020 , 11, 182	24	9
191	Transition from Animal-Based to Plant-Based Food Production to Reduce Greenhouse Gas Emissions from AgricultureThe Case of Denmark. <i>Sustainability</i> , 2020 , 12, 8228	3.6	6
190	Critical Perspective of Animal Production Specialists on Cell-Based Meat in Brazil: From Bottleneck to Best Scenarios. 2020 , 10,		6
189	Food production in China requires intensified measures to be consistent with national and provincial environmental boundaries. <i>Nature Food</i> , 2020 , 1, 572-582	14.4	25
188	Bundling innovations to transform agri-food systems. 2020 , 3, 974-976		33
187	Stakeholder Perceptions of Policy Tools in Support of Sustainable Food Consumption in Europe: Policy Implications. <i>Sustainability</i> , 2020 , 12, 7161	3.6	6
186	Epidemics and food systems: what gets framed, gets done. 2020 , 12, 1-4		6
185	Overcoming Global Food Security Challenges through Science and Solidarity. 2021 , 103, 422-447		18
184	To meet grand challenges, agricultural scientists must engage in the politics of constructive collective action. 2021 , 61, 24-31		1
183	Articulating the effect of food systems innovation on the Sustainable Development Goals. 2021 , 5, e50)-e62	48

182 Future Food Systems. **2021**, 1-29

181	Nanotechnology. 2021 , 179-202		
101	(10.10ccca.iii.0to 39: -22-1 , 17220-		
180	An Overview of the Problems and Prospects for Circular Agriculture in Sustainable Food Systems in the Anthropocene. 2021 , 1, 1-11		2
179	The Future of Food: Shaping Diets and Nutrition. 2021 , 169-182		
178	Food waste valorization to green energy vehicles: sustainability assessment. 2021 , 14, 3651-3663		21
177	Enabling Tipping Dynamics in Food System Transformation: How Information and Experience with Novel Meat Substitutes Can Create Positive Political Feedbacks. SSRN Electronic Journal,	1	О
176	Transformation of the Food Sector: Security and Resilience during the COVID-19 Pandemic. 2021 , 10,		39
175	Corporate tensions and drivers of sustainable innovation: a qualitative study in the food industry. 2021 , ahead-of-print,		1
174	Perspective article: Towards a new venture science model for transforming food systems. <i>Global Food Security</i> , 2021 , 28, 100481	8.3	4
173	Keeping Up with Innovation: Perspectives into the Present and the Future Needs of the Indian Food Sector. 2021 , 12, 470		4
172	Urban Food Systems: A Bibliometric Review from 1991 to 2020. 2021 , 10,		6
171	Innovations and technology disruptions in the food sector within the COVID-19 pandemic and post-lockdown era. <i>Trends in Food Science and Technology</i> , 2021 , 110, 193-200	15.3	104
170	Perspectives on the development of local food policy using the Analytical Hierarchy Process. 2021 , 746, 012015		
169	Operationalizing the agricultural innovation system concept in a developing country context I examining the case of the MiDA programme in Ghana. <i>Journal of Agricultural Education and Extension</i> , 1-20	1.3	7
168	Boost public support for food systems innovation. <i>Nature Food</i> , 2021 , 2, 226-227	14.4	1
167	Restoring Nature at Lower Food Production Costs. 2021 , 9,		2
166	Mitigating sustainability tradeoffs as global fruit and vegetable systems expand to meet dietary recommendations. 2021 , 16, 055010		1
165	A Changing Climate for Knowledge Generation in Agriculture: Lessons to Institutionalize Science-Policy Engagement. 2021 , 3,		2

164	Toward Sociocultural Indicators of Sustainable Healthy Diets. Sustainability, 2021, 13, 7226	3.6	3
163	FIT4FOOD2030: Future-proofing Europell Food Systems with Tools for Transformation and a Sustainable Food Systems Network. 2021 , 46, 172-184		1
162	One CGIAR and the Integrated Agri-food Systems Initiative: From short-termism to transformation of the world's food systems. 2021 , 16, e0252832		2
161	When Bad Becomes Worse: Unethical Corporate Behavior May Hamper Consumer Acceptance of Cultured Meat. <i>Sustainability</i> , 2021 , 13, 6770	3.6	O
160	Sustainable Agri-Food Systems: Environment, Economy, Society, and Policy. Sustainability, 2021, 13, 626	3 .6	11
159	Empower Eco multiactor HUB: A triple helix \(\frac{1}{2}\)cademia-industry-authority\(\frac{1}{2}\)pproach to creating and sharing potentially disruptive tools for addressing novel and emerging new Green Deal opportunities under a United Nations Sustainable Development Goals framework. \(\frac{2021}{2}\), 21, 100254		10
158	A Sustainability Compass for policy navigation to sustainable food systems. <i>Global Food Security</i> , 2021 , 29, 100546	8.3	9
157	Review: Anticipating alternative trajectories for responsible Agriculture 4.0 innovation in livestock systems. 2021 , 15, 100296		5
156	Entrepreneurial Talent Building for 21st Century Agricultural Innovation. 2021,		4
155	The Potential of Bioeconomic Innovations to Contribute to a Social-Ecological Transformation: A Case Study in the Livestock System. 2021 , 34, 1		2
154	Drought Early Warning in Agri-Food Systems. 2021 , 9, 134		6
153	Integrated-Smart Agriculture: Contexts and Assumptions for a Broader Concept. 2021 , 11, 1568		6
152	The Differentiation in Cultivated Land Quality between Modern Agricultural Areas and Traditional Agricultural Areas: Evidence from Northeast China. 2021 , 10, 842		0
151	Governing agricultural innovation: A comprehensive framework to underpin sustainable transitions. 2021 , 89, 407-407		14
150	Impacts of the regulatory environment for gene editing on delivering beneficial products. 2021 , 57, 1-18	3	5
149	COVID-19 pandemic lessons for agri-food systems innovation. 2021 , 16, 101001		2
148	Enabling Food Safety Entrepreneurship: Exploratory Case Studies From Nepal, Senegal, and Ethiopia. <i>Frontiers in Sustainable Food Systems</i> , 2021 , 5,	4.8	
147	Food system resilience thinking: from digital to integral. 2021,		1

146	Food system concepts and definitions for science and political action. <i>Nature Food</i> ,	14.4	10
145	The overlooked importance of food disadoption for the environmental sustainability of new foods. 2021 , 16, 104022		1
144	Continuing cereals research for sustainable health and well-being. 1-12		1
143	Mapping global research on agricultural insurance.		O
142	Viewpoint: Rigorous monitoring is necessary to guide food system transformation in the countdown to the 2030 global goals. 2021 , 104, 102163		15
141	Long-term network research for the next agricultural revolution. 2021 , 19, 432-434		
140	Enabling circularity in grain production systems with novel technologies and policy. 2021 , 193, 103244		5
139	Macroalgae suspensions prepared by physical treatments: Effect of polysaccharide composition and microstructure on the rheological properties. 2021 , 120, 106989		5
138	Economically feasible production of green methane from vegetable and fruit-rich food waste. 2021 , 235, 121397		6
137	Food loss and waste and the modernization of vegetable value chains in Thailand. 2021 , 174, 105714		4
136	Conclusion and Ways Forward. 2021 , 183-188		
135	Perspective article: Actions to reconfigure food systems. <i>Global Food Security</i> , 2020 , 26, 100432	8.3	12
134	Towards food supply chain resilience to environmental shocks. <i>Nature Food</i> , 2021 , 2, 54-65	14.4	47
133	Culturally appropriate shifts in staple grain consumption can improve multiple sustainability outcomes.		О
132	The Drivers of Environmentally Sustainable Hospital Foodservices. 2021 , 8, 740376		O
131	Waste-to-nutrition: a review of current and emerging conversion pathways. 2021 , 53, 107857		6
130	Potential Role of Technology Innovation in Transformation of Sustainable Food Systems: A Review. 2021 , 11, 984		8
129	Local urban government policies to facilitate healthy and environmentally sustainable diet-related practices: a scoping review. 2021 , 1-17		1

128	Enacting theories of change for food systems transformation under climate change. <i>Global Food Security</i> , 2021 , 31, 100583	8.3	8
127	Analysis of requests for journals Nature Food and npj Science of Food by the data of the SCI-HUB service for the first half of 2020. 2020 , 5, 35-38		
126	Sustainability implications of transformation pathways for the bioeconomy. 2022 , 29, 215-227		7
125	Environmental footprints of improving dietary quality of Chinese rural residents: A modeling study. 2021 , 179, 106074		O
124	Can foods produced with new plant engineering techniques succeed in the marketplace? A case study of apples. <i>Applied Economic Perspectives and Policy</i> ,	4.4	0
123	Future Food Systems. 2021 , 603-630		
122	Toward resilient food systems after COVID-19 2022 , 4, 100110		
121	Circularity in animal production requires a change in the EAT-Lancet diet in Europe. <i>Nature Food</i> ,	14.4	2
120	Viewpoint: Aligning vision and reality in publicly funded agricultural research for development: A case study of CGIAR. 2022 , 107, 102196		0
119	Continuity and change in the contemporary Pacific food system. <i>Global Food Security</i> , 2022 , 32, 100608	8.3	O
118	What are the priority research questions for digital agriculture?. 2022 , 114, 105962		9
117	Implications of new technologies for future food supply systems. 2021 , 159, 315-319		1
116	Advances in systems metabolic engineering of autotrophic carbon oxide-fixing biocatalysts towards a circular economy 2022 ,		3
115	Perspective: The gap between intent and climate action in agriculture. <i>Global Food Security</i> , 2022 , 32, 100612	8.3	1
114	"Food waste-wastewater-energy/resource" nexus: Integrating food waste management with wastewater treatment towards urban sustainability 2022 , 211, 118089		4
113	Advancing the intersection of soil and well-being systems science. 2022 , 6, 100036		0
112	Effects of climate and environmental variance on the performance of a novel peatland-based integrated multi-trophic aquaculture (IMTA) system: Implications and opportunities for advancing research and disruptive innovation post COVID-19 era 2022 , 819, 153073		3
111	On-Farm Experimentation to transform global agriculture. <i>Nature Food</i> , 2022 , 3, 11-18	14.4	10

110	Regional conditions shape the food@nergy@nd nexus of low-carbon indoor farming. <i>Nature Food</i> , 2022 , 3, 206-216	14.4	О
109	Should Gene Editing Be Used to Develop Crops for Continuous-Living-Cover Agriculture? A Multi-Sector Stakeholder Assessment Using a Cooperative Governance Approach 2022 , 10, 843093		O
108	Towards a Resilient and Resource-Efficient Local Food System Based on Industrial Symbiosis in HinBand: A Swedish Case Study. <i>Sustainability</i> , 2022 , 14, 2197	3.6	О
107	Extension services can promote pasture restoration: Evidence from Brazil's low carbon agriculture plan 2022 , 119, e2114913119		1
106	Fad, Food, or Feed: Alternative Seafood and Its Contribution to Food Systems. <i>Frontiers in Sustainable Food Systems</i> , 2022 , 6,	4.8	
105	Thermodynamic limits of using fertilizer to produce clean fertigation solution from wastewater via forward osmosis. 2022 , 647, 120168		O
104	Can end-user feedback inform ${\bf R}$ esponsibilization ${\bf D}$ f India's policy landscape for agri-digital transition? #.		1
103	Perceived legitimacy of agricultural transitions and implications for governance. Lessons learned from England post-Brexit agricultural transition. 2022 , 116, 106067		1
102	How to swarm? Organizing for sustainable and equitable food systems transformation in a time of crisis. <i>Global Food Security</i> , 2022 , 33, 100629	8.3	O
101	Why the Great Food Transformation may not happen IA deep-dive into our food systems[political economy, controversies and politics of evidence. 2022 , 154, 105881		4
100	Mapping unchartered waters: Towards a Design methodology for researching the feasibility of circular economy practice adoption in the Ready-To-Cook fish product value chain		
99	EU marketing standards and sustainability. Applied Economic Perspectives and Policy,	4.4	O
98	Global Food System Transformation for Resilience.		1
97	Responsible plant nutrition: A new paradigm to support food system transformation. <i>Global Food Security</i> , 2022 , 33, 100636	8.3	2
96	Socio-Technical Innovation Bundles for Agri-Food Systems Transformation. <i>Sustainable Development Goals Series</i> , 2022 , 1-20	0.5	О
95	Impact Pathways. Sustainable Development Goals Series, 2022 , 169-175	0.5	
94	Technical Appendix. Sustainable Development Goals Series, 2022, 187-190	0.5	
93	A Profuse Pipeline of Promising Options. Sustainable Development Goals Series, 2022, 73-158	0.5	

92	Socio-Technical Innovation Bundles Tailored to Distinct Agri-Food Systems. <i>Sustainable Development Goals Series</i> , 2022 , 159-168	0.5	
91	Sustainability Transitions in Food Production. 2022 , 93-120		
90	Meat Consumption and Sustainability. Annual Review of Resource Economics, 2022, 14,	5.9	1
89	Technology, Science and Culture: A Global Vision, Volume III.		
88	Projected environmental benefits of replacing beef with microbial protein <i>Nature</i> , 2022 , 605, 90-96	50.4	6
87	Integrated Assessment of the Sustainability and Resilience of Farming Systems. 2022, 279-301		
86	Carbon benefits of enlisting nature for crop protection. <i>Nature Food</i> ,	14.4	0
85	Trends and challenges on fruit and vegetable processing: Insights into sustainable, traceable, precise, healthy, intelligent, personalized and local innovative food products. <i>Trends in Food Science and Technology</i> , 2022 , 125, 12-25	15.3	3
84	Dicamba-Resistant Crops Istumbling Over the Starting Block. <i>Outlooks on Pest Management</i> , 2022 , 33, 71-72	1.7	
83	Natural Resource Management and Sustainable Agriculture. 2022 , 2577-2613		O
82	Advisory support and learning on non-technical aspects of farming: a key topic for extension and education research. <i>Journal of Agricultural Education and Extension</i> , 2022 , 28, 251-253	1.3	2
81	Home gardening in sub-Saharan Africa: A scoping review on practices and nutrition outcomes in rural Burkina Faso and Kenya. <i>Food and Energy Security</i> ,	4.1	1
80	Research strategies to catalyze agroecological transitions in low- and middle-income countries. <i>Sustainability Science</i> ,	6.4	O
79	Transformations towards sustainable food systems: contrasting Swedish practitioner perspectives with the European Commission Farm to Fork Strategy. <i>Sustainability Science</i> ,	6.4	1
78	Applications of molecularly imprinted polymers and perspectives for their use as food quality trackers. <i>CheM</i> , 2022 ,	16.2	1
77	Innovation in fruit and vegetable supply chains. <i>Nature Food</i> , 2022 , 3, 387-388	14.4	0
76	Moo-Gaps: A Multi-Objective Optimization Model for Global Agricultural Production and Sustainability. SSRN Electronic Journal,	1	
75	How Does Context Contribute to and Constrain the Emergence of Responsible Innovation in Food Systems? Results from a Multiple Case Study. <i>Sustainability</i> , 2022 , 14, 7776	3.6	O

74	Meat 4.0: Principles and Applications of Industry 4.0 Technologies in the Meat Industry. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 6986	5	2
73	Investigating the impact of restaurants' sustainable practices on consumers' satisfaction and revisit intentions: a study on leading green restaurants. <i>Asia-Pacific Journal of Business Administration</i> ,	[1
72	Early systems change necessary for catalyzing long-term sustainability in a post-2030 agenda. <i>One Earth</i> , 2022 , 5, 792-811	Ĺ	2
71	Environmental Issues: Greenhouse Gas Emissions. 2023,		
70	Street food environmental sustainability in a urbanizing global south: A social practice perspective. Frontiers in Sustainable Food Systems, 6, 4.5	3	О
69	ENSURING FOOD SECURITY OF UKRAINE: POST-WAR CONTEXT. <i>Economy of Ukraine</i> , 2022 , 2022, 21-42 o	4	Ο
68	Influence of Smartphone-Based Digital Extension Service on Farmers (Sustainable Agricultural Technology Adoption in China. 2022 , 19, 9639		О
67	Sustainable agrifood systems for a post-growth world.		4
66	Roadmap for achieving net-zero emissions in global food systems by 2050. 2022 , 12,		3
65	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. 2022 , 203, 103498		O
64	The triple benefits of slimming and greening the Chinese food system. 2022 , 3, 686-693		1
63	Beyond the Green Revolution: A roadmap for sustainable food systems research and action. 2022 , 17, 100401		О
62	Critical method needs in measuring greenhouse gas fluxes. 2022 , 17, 104009		О
61	Insights into Circular Horticulture: Knowledge Diffusion, Resource Circulation, One Health Approach, and Greenhouse Technologies. 2022 , 19, 12053		1
60	Multi-target scenario discovery to plan for sustainable food and land systems in Australia.		О
59	Opportunities and challenges of food policy councils in pursuit of food system sustainability and food democracy comparative case study from the Upper-Rhine region. 6,		О
58	Trends Shaping Western European Agrifood Systems of the Future. 2022 , 14, 13976		0
57	Transforming agrifood production systems and supply chains with digital twins. 2022, 6,		1

56	Cellular agriculture and food systems priorities. 2022 , 3, 781-781	O
55	A systematic scoping review of the sustainability of vertical farming, plant-based alternatives, food delivery services and blockchain in food systems.	O
54	Digital traceability to enhance circular food systems and reach agriculture emissions targets. 0030727022	211338
53	An integrated socio-cyber-physical system framework to assess responsible digitalisation in agriculture: A first application with Living Labs in Europe. 2022 , 203, 103533	1
52	Fertilizer-based liquid desiccants: A novel concept for energy efficient dehumidification and water vapor recycling in indoor plant environments. 2023 , 219, 119529	0
51	Food and nutrition security: challenges for farming, procurement, and consumption. 2023 , 1100-1112	O
50	Digital innovation ecosystems in agri-food: design principles and organizational framework. 2023 , 204, 103558	0
49	Demand changes meat as changing meat reshapes demand: The great meat revolution. 2022 , 109040	O
48	"We Could Be Much Further Ahead" -Multidimensional Drivers and Barriers for Agricultural Transition. 2023 , 97, 153-166	0
47	The backbone of agrifood value chain resilience: Innovation in the Ecuadorian banana value chain from a historical perspective. 2023 , 29, 100476	O
46	Green Methane as a Future Fuel for Light-Duty Vehicles. 2022 , 8, 680	O
45	Urgently needed transition pathways toward sustainability in agriculture: the case of Persian lime (Citrus latifolia Tanaka) production in Veracruz, Mexico.	0
44	Assessing the Representativeness of Irrigation Adoption Studies: A Meta-Study of Global Research. 2022 , 12, 2105	O
43	From a land down under0the potential role of responsible innovation as practice during the bottom-up development of mission arenas in Australia. 1-17	O
42	Food System Concepts and Definitions for Science and Political Action. 2023, 11-17	1
41	Modelling six sustainable development transformations and their accelerators, impediments, enablers, and interlinkages.	O
40	Climate Change and Food Systems. 2023 , 511-529	0
39	Assessment and scenario hypothesis of food waste in China based on material flow analysis. 2023 , 3,	O

38	Peak and fall of China agricultural GHG emissions. 2023 , 136035	О
37	Navigating sustainability trade-offs in global beef production.	O
36	The Role of Science, Technology and Innovation for Transforming Food Systems in Latin America and the Caribbean. 2023 , 737-749	О
35	A Shift to Healthy and Sustainable Consumption Patterns. 2023 , 59-85	O
34	The Bioeconomy and Food System Transformation. 2023, 849-868	O
33	Food Systems Innovation Hubs in Low- and Middle-Income Countries. 2023 , 455-468	O
32	Industrial symbiosis and agri-food system: Themes, links, and relationships. 6,	О
31	The Future of Small Farms: Innovations for Inclusive Transformation. 2023 , 191-205	O
30	Science for Transformation of Food Systems: Opportunities for the UN Food Systems Summit. 2023 , 921-948	O
29	Navigating the rapids of agrifood systems transformation: reflections on Aotearoa New Zealand emerging mission-oriented agrifood innovation system. 1-15	O
28	Farmer-centered and structural perspectives on innovation and scaling: a study on sustainable agriculture and nutrition in East Africa. 1-22	O
27	Production and consumption in agri-food transformations: Rethinking integrative perspectives.	O
26	Apprentissage et intermiliation dans les transitions vers des systimes agroalimentaires durables. 2023 , n° 70, 5-17	О
25	Research of Russian regional farmersdigital activity. 2023 , 1, 165-173	1
24	Mechanization and sustainable agri-food system transformation in the Global South. A review. 2023 , 43,	О
23	The Alignment of Recommendations of Dietary Guidelines with Sustainability Aspects: Lessons Learned from Italy Example and Proposals for Future Development. 2023 , 15, 542	1
22	Innovation systems for controlled-environment food production in urban contexts: a dynamic case study analysis of combined plant, fish and insect production in Berlin. 2023 , 21,	О
21	The influence of multilevel innovation platforms on continuing utilization of smallholderslivestock feeding practices. 1-26	0

20	Farmers' perception of barriers that difficult the implementation of agriculture 4.0. 2023 , 208, 103656	0
19	Is closing the agricultural yield gap a fiskylendeavor?. 2023 , 208, 103657	О
18	Economic feasible hydrogen production system from carbohydrate-rich food waste. 2023 , 340, 121044	0
17	Mixed farming systems: potentials and barriers for climate change adaptation in food systems. 2023 , 62, 101270	О
16	Plant-based and cultivated meat in the United States: A review and research agenda through the lens of socio-technical transitions. 2023 , 405, 136999	0
15	Alternative sources of protein for food and feed. 2023 , 62, 101277	O
14	Circularity in Europe strengthens the sustainability of the global food system.	0
13	Challenges and opportunities of non-conventional technologies concerning food safety. 2023 , 79, 3-26	O
12	Regional Assessment at the Province Level of Agricultural Science and Technology Development in China. 2023 , 13, 389	0
11	MOO-GAPS: A multi-objective optimization model for global animal production and sustainability. 2023 , 396, 136440	O
10	Effects of abstract and concrete communication on moral signalling and purchase intention of upcycled food products. 2023 , 8, 100110	0
9	How to fund learning and innovation networks for sustainable agriculture: a conceptual framework. 1-20	О
8	Sustainability of dairy systems through the lenses of the sustainable development goals. 4,	0
7	Technological readiness of commercial microalgae species for foods. 1-25	O
6	Exploring Sustainable Food Systems for Urban Sustainability. 2023 , 99-107	0
5	Uncovering the spatio-temporal dynamics of crop-specific nutrient budgets in China. 2023, 340, 117904	O
4	How information, social norms, and experience with novel meat substitutes can create positive political feedback and demand-side policy change. 2023 , 117, 102445	0
3	Patterns of investment in agricultural research and innovation for the Global South, with a focus on sustainable agricultural intensification. 7,	О

2 Achieving net-zero emissions in agriculture: A review.

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Political economy of protein transition: Battles of power, framings and narratives around a false wicked problem. 4,

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