

The environmental sustainability of insects as food and

Agronomy for Sustainable Development
37, 1

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Citation Report

#	ARTICLE	IF	CITATIONS
1	New methods for high-accuracy insect chitin measurement. Journal of the Science of Food and Agriculture, 2018, 98, 5069-5073.	3.5	52
2	Decomposition of biowaste macronutrients, microbes, and chemicals in black soldier fly larval treatment: A review. Waste Management, 2018, 82, 302-318.	7.4	256
3	Insects as feed and the Sustainable Development Goals. Journal of Insects As Food and Feed, 2018, 4, 147-156.	3.9	59
4	Laying performance, blood profiles, nutrient digestibility and inner organs traits of hens fed an insect meal from <i>Hermetia illucens</i> larvae. Research in Veterinary Science, 2018, 120, 86-93.	1.9	63
5	Survey on Food Preferences of University Students: from Tradition to New Food Customs?. Agriculture (Switzerland), 2018, 8, 155.	3.1	24
6	Effect of partial dietary replacement of fishmeal by yellow mealworm (<i>Tenebrio molitor</i>) larvae meal on the innate immune response and intestinal antioxidant enzymes of rainbow trout (<i>Oncorhynchus mykiss</i>). Tj ETQq1 1 03784314 rgBT /Ovelo	3.1	24
7	Effects of dietary inclusion of yellow mealworm (<i>Tenebrio molitor</i>) meal on growth performance, feed utilization, body composition, plasma biochemical indices, selected immune parameters and antioxidant enzyme activities of mandarin fish (<i>Siniperca scherzeri</i>) juveniles. Aquaculture, 2018, 496, 79-87.	3.5	77
8	The science of food security. Npj Science of Food, 2018, 2, 14.	5.5	190
9	Metabolic response of yellow mealworm larvae to two alternative rearing substrates. Metabolomics, 2019, 15, 113.	3.0	33
10	The roles of a Grandmother in African societies â€“ please do not send them to old peopleâ€™s homes. Journal of Global Health, 2019, 9, 010306.	2.7	11
11	Transforming agricultural land use through marginal gains in the food system. Global Environmental Change, 2019, 57, 101932.	7.8	29
12	Edible Insects Processing: Traditional and Innovative Technologies. Comprehensive Reviews in Food Science and Food Safety, 2019, 18, 1166-1191.	11.7	228
13	Impact of Naturally Contaminated Substrates on <i>Alphitobius diaperinus</i> and <i>Hermetia illucens</i> : Uptake and Excretion of Mycotoxins. Toxins, 2019, 11, 476.	3.4	26
14	Effect of moisture content on greenhouse gas and NH ₃ emissions from pig manure converted by black soldier fly. Science of the Total Environment, 2019, 697, 133840.	8.0	76
15	Examination of Short Supply Chains Based on Circular Economy and Sustainability Aspects. Resources, 2019, 8, 161.	3.5	63
16	An inclusive approach for organic waste treatment and valorisation using Black Soldier Fly larvae: A review. Journal of Environmental Management, 2019, 251, 109569.	7.8	78
17	Graded Incorporation of Defatted Yellow Mealworm (<i>Tenebrio molitor</i>) in Rainbow Trout (<i>Oncorhynchus mykiss</i>) Diet Improves Growth Performance and Nutrient Retention. Animals, 2019, 9, 187.	2.3	52
18	Australian Consumersâ€™ Response to Insects as Food. Agriculture (Switzerland), 2019, 9, 108.	3.1	61

#	ARTICLE	IF	CITATIONS
19	Cricket powder (<i>Gryllus assimilis</i>) as a new alternative protein source for gluten-free breads. <i>Innovative Food Science and Emerging Technologies</i> , 2019, 56, 102180.	5.6	68
20	Fish Diets in Aquaponics. , 2019, , 333-352.		12
21	Effects of the Dietary Inclusion of Partially Defatted Black Soldier Fly (<i>Hermetia illucens</i>) Meal on the Blood Chemistry and Tissue (Spleen, Liver, Thymus, and Bursa of Fabricius) Histology of Muscovy Ducks (<i>Cairina moschata domestica</i>). <i>Animals</i> , 2019, 9, 307.	2.3	31
22	Possibilities for Engineered Insect Tissue as a Food Source. <i>Frontiers in Sustainable Food Systems</i> , 2019, 3, .	3.9	19
23	Rearing of <i>Hermetia Illucens</i> on Different Organic By-Products: Influence on Growth, Waste Reduction, and Environmental Impact. <i>Animals</i> , 2019, 9, 289.	2.3	97
24	Consumer acceptance of insects as food and feed: The relevance of affective factors. <i>Food Quality and Preference</i> , 2019, 77, 51-63.	4.6	81
25	Country-Specific Sustainable Diets Using Optimization Algorithm. <i>Environmental Science & Technology</i> , 2019, 53, 7694-7703.	10.0	45
26	Renewable Resources from Insects: Exploitation, Properties, and Refining of Fat Obtained by Coldâ€Pressing from <i>Hermetia illucens</i> (Black Soldier Fly) Larvae. <i>European Journal of Lipid Science and Technology</i> , 2019, 121, 1800376.	1.5	44
27	Disgusting or Innovative-Consumer Willingness to Pay for Insect Based Burger Patties in Germany. <i>Sustainability</i> , 2019, 11, 1878.	3.2	38
28	Environmental Sustainability of Insects as Human Food. , 2019, , .		4
29	Towards a More Ethical and Sustainable Edible Future: One Burger at a Time. , 2019, , 323-361.		3
30	The Effects of Dietary Insect Meal from <i>Hermetia illucens</i> Prepupae on Autochthonous Gut Microbiota of Rainbow Trout (<i>Oncorhynchus mykiss</i>). <i>Animals</i> , 2019, 9, 143.	2.3	110
31	The Introduction of Insect Meal into Fish Diet: The First Economic Analysis on European Sea Bass Farming. <i>Sustainability</i> , 2019, 11, 1697.	3.2	82
32	Healthy, but Disgusting: An Investigation Into Consumersâ€™ Willingness to Try Insect Meat. <i>Journal of Economic Entomology</i> , 2019, 112, 1005-1010.	1.8	30
33	Nutrition in Relation to Organic Aquaculture: Sources and Strategies. , 2019, , 141-188.		2
34	The Potential Role of Insects as Feed: A Multi-Perspective Review. <i>Animals</i> , 2019, 9, 119.	2.3	197
35	Edible insects and related products. , 2019, , 139-165.		0
36	How Might We Overcome â€Westernâ€™ Resistance to Eating Insects?. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
37	What Is Food, and Why Do Archaeologists Study It?. , 2019, , 1-17.		0
38	How Do Archaeologists Study Food?. , 2019, , 18-48.		0
39	Food and Economics. , 2019, , 49-72.		0
40	Food and Inequality. , 2019, , 73-97.		0
41	Food and Politics. , 2019, , 98-128.		0
42	Identity: Food, Affiliation, and Distinction. , 2019, , 129-154.		0
43	Food, Ritual, and Religion. , 2019, , 155-176.		0
44	Archaeology, Food, and the Future. , 2019, , 177-196.		0
47	Edible insects as a food source: a review. Food Production Processing and Nutrition, 2019, 1, .	3.5	90
48	Identifying indigenous practices for cultivation of wild saprophytic mushrooms: responding to the need for sustainable utilization of natural resources. Journal of Ethnobiology and Ethnomedicine, 2019, 15, 64.	2.6	21
49	Determination of vitamin B12 in four edible insect species by immunoaffinity and ultra-high performance liquid chromatography. Food Chemistry, 2019, 281, 124-129.	8.2	55
50	Willingness to consume insect-containing foods: A survey in the United States. LWT - Food Science and Technology, 2019, 102, 100-105.	5.2	101
51	Approaching Ecological Sustainability in the Emerging Insects-as-Food Industry. Trends in Ecology and Evolution, 2019, 34, 132-138.	8.7	77
52	A Reflection of the Use of the Life Cycle Assessment Tool for Agri-Food Sustainability. Sustainability, 2019, 11, 71.	3.2	28
53	Dietary enrichment of edible insects with omega 3 fatty acids. Insect Science, 2020, 27, 500-509.	3.0	99
54	Yellow mealworm (<i>Tenebrio molitor</i>) larvae inclusion in diets for free-range chickens: effects on meat quality and fatty acid profile. Renewable Agriculture and Food Systems, 2020, 35, 571-578.	1.8	27
55	Sustainable agriculture options for production, greenhouse gasses and pollution alleviation, and nutrient recycling in emerging and transitional nations - An overview. Journal of Cleaner Production, 2020, 242, 118319.	9.3	145
56	Characterization, antioxidant activity, and inhibitory effect on pancreatic lipase of extracts from the edible insects <i>Acheta domesticus</i> and <i>Tenebrio molitor</i> . Food Chemistry, 2020, 309, 125742.	8.2	86

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57	Silkworm pupae (<i>Bombyx mori</i>) and locusts as alternative protein sources for high-energy biscuits. <i>Journal of Asia-Pacific Entomology</i> , 2020, 23, 234-241.	0.9	43
58	The use of edible insect proteins in food: Challenges and issues related to their functional properties. <i>Innovative Food Science and Emerging Technologies</i> , 2020, 59, 102272.	5.6	180
59	Sensory attributes of edible insects and insect-based foods – Future outlooks for enhancing consumer appeal. <i>Trends in Food Science and Technology</i> , 2020, 95, 141-148.	15.1	138
60	Benefits and food safety concerns associated with consumption of edible insects. <i>NFS Journal</i> , 2020, 18, 1-11.	4.3	196
61	Comparative study of composition, antioxidant and antimicrobial activity of two adult edible insects from Tenebrionidae family. <i>BMC Chemistry</i> , 2020, 14, 55.	3.8	26
62	An insight to fermented edible insects: A global perspective and prospective. <i>Food Research International</i> , 2020, 137, 109750.	6.2	29
63	Food waste valorisation and circular economy concepts in insect production and processing. <i>Waste Management</i> , 2020, 118, 600-609.	7.4	142
64	<i>Tenebrio molitor</i> Larvae Meal Affects the Cecal Microbiota of Growing Pigs. <i>Animals</i> , 2020, 10, 1151.	2.3	11
65	Mealworm (<i>Tenebrio molitor</i> Larvae) as an Alternative Protein Source for Monogastric Animal: A Review. <i>Animals</i> , 2020, 10, 2068.	2.3	102
66	The roles of a Grandmother in African societies – please do not send them to old people’s homes. <i>Journal of Global Health</i> , 2020, 10, 010361.	2.7	5
67	Larvae Mediated Valorization of Industrial, Agriculture and Food Wastes: Biorefinery Concept through Bioconversion, Processes, Procedures, and Products. <i>Processes</i> , 2020, 8, 857.	2.8	74
68	Physicochemical Properties and Consumer Acceptance of Bread Enriched with Alternative Proteins. <i>Foods</i> , 2020, 9, 933.	4.3	41
69	Feeding Bugs to Bugs: Edible Insects Modify the Human Gut Microbiome in an in vitro Fermentation Model. <i>Frontiers in Microbiology</i> , 2020, 11, 1763.	3.5	15
70	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.	3.9	239
71	Gelation of a combination of insect and pork proteins as affected by heating temperature and insect:meat ratio. <i>Food Research International</i> , 2020, 137, 109703.	6.2	14
72	Partial replacement of meat by superworm (<i>Zophobas morio</i> larvae) in cooked sausages: Effect of heating temperature and insect:Meat ratio on structure and physical stability. <i>Innovative Food Science and Emerging Technologies</i> , 2020, 66, 102535.	5.6	27
73	Can Insect-Based Diets Affect Zebrafish (<i>Danio rerio</i>) Reproduction? A Multidisciplinary Study. <i>Zebrafish</i> , 2020, 17, 287-304.	1.1	12
74	Effect of devitalization techniques on the lipid, protein, antioxidant, and chitin fractions of black soldier fly (<i>Hermetia illucens</i>) larvae. <i>European Food Research and Technology</i> , 2020, 246, 2549-2568.	3.3	27

#	ARTICLE	IF	CITATIONS
76	Agricultural Hydroinformatics: A Blueprint for an Emerging Framework to Foster Water Management-Centric Sustainability Transitions in Farming Systems. <i>Frontiers in Water</i> , 2020, 2, .	2.3	2
77	Insects' contribution to the bioeconomy and the reduction of food waste. <i>Heliyon</i> , 2020, 6, e03934.	3.2	18
78	Effect of dietary supplementation with full-fat silkworm (<i>Bombyx mori</i> L.) chrysalis meal on growth performance and meat quality of Rhode Island Red×Fayoumi crossbred chickens. <i>Italian Journal of Animal Science</i> , 2020, 19, 447-456.	1.9	15
79	Effect of developmental stage on the nutritional value of edible insects. A case study with <i>Blaberus craniifer</i> and <i>Zophobas morio</i> . <i>Journal of Food Composition and Analysis</i> , 2020, 92, 103570.	3.9	49
80	Effects of Partially Defatted <i>Hermetia illucens</i> Meal in Rainbow Trout Diet on Hepatic Methionine Metabolism. <i>Animals</i> , 2020, 10, 1059.	2.3	8
81	Technology innovations for food security in Singapore: A case study of future food systems for an increasingly natural resource-scarce world. <i>Trends in Food Science and Technology</i> , 2020, 102, 155-168.	15.1	65
82	Comprehensive evaluation of the metabolic effects of insect meal from <i>Tenebrio molitor</i> L. in growing pigs by transcriptomics, metabolomics and lipidomics. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 20.	5.3	42
83	Change Agents™ Perspectives on Spatial“Relational Proximities and Urban Food Niches. <i>Sustainability</i> , 2020, 12, 2333.	3.2	18
84	Preparation, antioxidant activity evaluation, and identification of antioxidant peptide from black soldier fly (<i>Hermetia illucens</i> L.) larvae. <i>Journal of Food Biochemistry</i> , 2020, 44, e13186.	2.9	32
85	A review of edible insect industrialization: scales of production and implications for sustainability. <i>Environmental Research Letters</i> , 2020, 15, 123013.	5.2	39
86	Adoption of solid organic waste composting products: A critical review. <i>Journal of Cleaner Production</i> , 2020, 272, 122712.	9.3	83
87	Insect Farming for Feed and Food Production from a Circular Business Model Perspective. <i>Sustainability</i> , 2020, 12, 5418.	3.2	75
88	Ready-to-eat meat alternatives, a study of their associated bacterial communities. <i>Food Bioscience</i> , 2020, 37, 100681.	4.4	16
89	Future foods: a manifesto for research priorities in structural design of foods. <i>Food and Function</i> , 2020, 11, 1933-1945.	4.6	54
90	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.	3.5	56
91	Partially Defatted <i>Tenebrio molitor</i> Larva Meal in Diets for Grow-Out Rainbow Trout, <i>Oncorhynchus mykiss</i> (Walbaum): Effects on Growth Performance, Diet Digestibility and Metabolic Responses. <i>Animals</i> , 2020, 10, 229.	2.3	52
92	Nutritional value of different insect larvae meals as protein sources for European sea bass (<i>Dicentrarchus labrax</i>) juveniles. <i>Aquaculture</i> , 2020, 521, 735085.	3.5	58
93	Mineral analysis reveals extreme manganese concentrations in wild harvested and commercially available edible termites. <i>Scientific Reports</i> , 2020, 10, 6146.	3.3	10

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94	How does it taste? Appreciation of insect-based snacks and its determinants. <i>International Journal of Gastronomy and Food Science</i> , 2020, 21, 100211.	3.0	30
95	Nutrient composition of the Indonesian sago grub (<i>Rhynchophorus bilineatus</i>). <i>International Journal of Tropical Insect Science</i> , 2020, 40, 677-686.	1.0	16
96	Insect and fish by-products as sustainable alternatives to conventional animal proteins in animal nutrition. <i>Italian Journal of Animal Science</i> , 2020, 19, 360-372.	1.9	138
97	Evaluating the nutritional content of an insect-fortified food for the child complementary diet in Ghana. <i>BMC Nutrition</i> , 2020, 6, 7.	1.6	17
98	Supplementation of Sulfur-Containing Amino Acids or Essential Amino Acids Does Not Reverse the Hepatic Lipid-Lowering Effect of a Protein-Rich Insect Meal in Obese Zucker Rats. <i>Nutrients</i> , 2020, 12, 987.	4.1	3
99	Prospects of insects as food and feed. <i>Organic Agriculture</i> , 2021, 11, 301-308.	2.4	70
100	Potentials and Limitations of the Bioconversion of Animal Manure Using Fly Larvae. <i>Waste and Biomass Valorization</i> , 2021, 12, 3497-3520.	3.4	14
101	Insects in food and feed systems in sub-Saharan Africa: the untapped potentials. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 1923-1951.	1.0	18
102	Patterns of consumption of edible insects among young people in three local government areas in Oyo state, Nigeria. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 2185-2189.	1.0	4
103	Entomophagy: an innovative nutritional and economic navigational tool in race of food security. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 2211-2221.	1.0	9
104	Americans' acceptance of black soldier fly larvae as food for themselves, their dogs, and farmed animals. <i>Food Quality and Preference</i> , 2021, 90, 104119.	4.6	32
105	Insects: A Potential Source of Protein and Other Nutrients for Feed and Food. <i>Annual Review of Animal Biosciences</i> , 2021, 9, 333-354.	7.4	80
106	Welfare of farmed insects. <i>Journal of Insects As Food and Feed</i> , 2021, 7, 573-584.	3.9	21
107	Food synthetic biology-driven protein supply transition: From animal-derived production to microbial fermentation. <i>Chinese Journal of Chemical Engineering</i> , 2021, 30, 29-36.	3.5	7
108	Insect responses to global change offer signposts for biodiversity and conservation. <i>Ecological Entomology</i> , 2021, 46, 699-717.	2.2	63
109	Building a Resilient, Sustainable, and Healthier Food Supply Through Innovation and Technology. <i>Annual Review of Food Science and Technology</i> , 2021, 12, 1-28.	9.9	41
110	Spore-forming bacteria in insect-based foods. <i>Current Opinion in Food Science</i> , 2021, 37, 112-117.	8.0	21
111	Climate change: a natural streamliner towards entomophagy?. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 2133-2147.	1.0	3

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112	Use Them for What They Are Good at: Mealworms in Circular Food Systems. <i>Insects</i> , 2021, 12, 40.	2.2	29
113	Food Security Through Entomophagy. , 0, , .		0
114	Sustainable biowaste recycling using insects. , 2021, , 399-420.		3
115	Bioconversion Technologies: Insect and Worm Farming. , 2021, , 235-256.		1
116	Insects as Food and Feed. , 2021, , 3-18.		0
117	Edible Crickets (Orthoptera) Around the World: Distribution, Nutritional Value, and Other Benefits—A Review. <i>Frontiers in Nutrition</i> , 2020, 7, 537915.	3.7	65
118	Soybean hawkmoth (<i>Clanis bilineata tsingtauca</i>) as food ingredients: a review. <i>CYTA - Journal of Food</i> , 2021, 19, 341-348.	1.9	10
119	Black Soldier Fly Full-Fat Larvae Meal Is More Profitable Than Fish Meal and Fish Oil in Siberian Sturgeon Farming: The Effects on Aquaculture Sustainability, Economy and Fish GIT Development. <i>Animals</i> , 2021, 11, 604.	2.3	29
120	Effects of full replacement of dietary fishmeal with insect meal from <i>Tenebrio molitor</i> on rainbow trout gut and skin microbiota. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 30.	5.3	59
121	A feasibility study to assess <i>Imbrasia belina</i> (mopane worm) sensitisation and related respiratory health outcomes in a rural community in Gwanda district, Zimbabwe. <i>Pilot and Feasibility Studies</i> , 2021, 7, 55.	1.2	5
122	Occurrence of Antibiotic Resistance Genes in <i>Hermetia illucens</i> Larvae Fed Coffee Silverskin Enriched with <i>Schizochytrium limacinum</i> or <i>Isochrysis galbana</i> Microalgae. <i>Genes</i> , 2021, 12, 213.	2.4	6
123	The Potential of Locally-Sourced European Protein Sources for Organic Monogastric Production: A Review of Forage Crop Extracts, Seaweed, Starfish, Mussel, and Insects. <i>Sustainability</i> , 2021, 13, 2303.	3.2	18
124	The Superworm, <i>Zophobas morio</i> (Coleoptera:Tenebrionidae): A “Sleeping Giant” in Nutrient Sources. <i>Journal of Insect Science</i> , 2021, 21, .	1.5	39
125	Exploring community knowledge, perception and practices of entomophagy in Kenya. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 2237-2246.	1.0	7
126	Clostridia in Insect Processed Animal Proteins—Is an Epidemiological Problem Possible?. <i>Agriculture (Switzerland)</i> , 2021, 11, 270.	3.1	6
127	Edible Insects: Techno-functional Properties Food and Feed Applications and Biological Potential. <i>Food Reviews International</i> , 2022, 38, 866-892.	8.4	16
128	Determination of Carbohydrate Composition in Mealworm (<i>Tenebrio molitor</i> L.) Larvae and Characterization of Mealworm Chitin and Chitosan. <i>Foods</i> , 2021, 10, 640.	4.3	26
129	Edible Insects: Preliminary Study about Perceptions, Attitudes, and Knowledge on a Sample of Portuguese Citizens. <i>Foods</i> , 2021, 10, 709.	4.3	21

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130	Potential use of a queen bee larvae meal (<i>Apis mellifera ligustica</i> Spin.) in animal nutrition: a nutritional and chemical-toxicological evaluation. <i>Journal of Insects As Food and Feed</i> , 2021, 7, 173-186.	3.9	3
131	Rearing <i>Tenebrio molitor</i> and <i>Alphitobius diaperinus</i> Larvae on Seed Cleaning Process Byproducts. <i>Insects</i> , 2021, 12, 293.	2.2	22
132	Rasch Model for Assessing Propensity to Entomophagy. <i>Sustainability</i> , 2021, 13, 4346.	3.2	5
133	The Influence of Drying Methods on the Chemical Composition and Body Color of Yellow Mealworm (<i>Tenebrio molitor</i> L.). <i>Insects</i> , 2021, 12, 333.	2.2	21
134	Edible insects as a source of alternative protein. A review. <i>Teori&I Praktika Pererabotki M&A'sa</i> , 2021, 6, 23-32.	0.6	7
135	Facing the challenge of discarded fish: improving nutritional quality of two insect species larvae for use as feed and food. <i>Journal of Insects As Food and Feed</i> , 2021, 7, 345-355.	3.9	7
136	Possibilities of the Development of Edible Insect-Based Foods in Europe. <i>Foods</i> , 2021, 10, 766.	4.3	54
137	Insects&TM Production, Consumption, Policy, and Sustainability: What Have We Learned from the Indigenous Knowledge Systems?. <i>Insects</i> , 2021, 12, 432.	2.2	13
138	Insects on the menu: characterization of protein quality to evaluate potential as an alternative protein source for human consumption. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 833-834.	4.7	3
139	Analysis of Microbiological and Chemical Hazards in Edible Insects Available to Canadian Consumers. <i>Journal of Food Protection</i> , 2021, 84, 1575-1581.	1.7	13
140	A New Method for Mass Collection of Hemolymph from the Cricket <i>Gryllus bimaculatus</i> . <i>Journal of the Kansas Entomological Society</i> , 2021, 93, .	0.2	1
141	Original article: fermented pulp and paper bio-sludge as feed for black soldier fly larvae. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 5625-5632.	4.6	8
142	Nutritional and environmental benefits of increasing insect consumption in Africa and Asia. <i>Environmental Research Letters</i> , 2021, 16, 065001.	5.2	22
143	A novel location-inventory-routing problem in a two-stage red meat supply chain with logistic decisions: evidence from an emerging economy. <i>Kybernetes</i> , 2022, 51, 1498-1531.	2.2	15
144	Desire to eat and intake of "insect" containing food is increased by a written passage: The potential role of familiarity in the amelioration of novel food disgust. <i>Appetite</i> , 2021, 161, 105088.	3.7	17
145	Overview of the Genetic Diversity of African <i>Macrotermes</i> (Termitidae: Macrotermitinae) and Implications for Taxonomy, Ecology and Food Science. <i>Insects</i> , 2021, 12, 518.	2.2	2
146	Nutritional Qualities and Enhancement of Edible Insects. <i>Annual Review of Nutrition</i> , 2021, 41, 551-576.	10.1	46
147	No Way, That&TM's Gross! How Public Exposure Therapy Can Overcome Disgust Preventing Consumer Adoption of Sustainable Food Alternatives. <i>Foods</i> , 2021, 10, 1380.	4.3	9

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148	Determining Food Stability to Achieve Food Security. Sustainability, 2021, 13, 7222.	3.2	14
149	Edible Insects and Sustainable Development Goals. Insects, 2021, 12, 557.	2.2	41
150	Edible Insects: How to Increase the Sustainable Consumption Behavior among Restaurant Consumers. International Journal of Environmental Research and Public Health, 2021, 18, 6520.	2.6	11
151	32. The ethics and mindedness of insects. , 2021, , .		2
152	Environmental consequences of using insect meal as an ingredient in aquafeeds: A systematic view. Reviews in Aquaculture, 2022, 14, 237-251.	9.0	33
153	Bioactive properties of insect products for monogastric animals – a review. Journal of Insects As Food and Feed, 2022, 8, 1027-1040.	3.9	30
154	Edible insects for food and feed in nigeria: exploring the roles of extension services. International Journal of Tropical Insect Science, 2021, 41, 2287-2296.	1.0	0
155	Agricultural by-products from Greece as feed for yellow mealworm larvae: circular economy at a local level. Journal of Insects As Food and Feed, 2022, 8, 9-22.	3.9	12
156	Mealworm, <i>Tenebrio molitor</i> , as a feed ingredient for juvenile olive flounder, <i>Paralichthys olivaceus</i> . Aquaculture Reports, 2021, 20, 100747.	1.7	15
157	Strain matters: strain effect on the larval growth and performance of the yellow mealworm, <i>Tenebrio molitor</i> L.. Journal of Insects As Food and Feed, 2021, 7, 1195-1205.	3.9	17
158	How Does Pikeperch <i>Sander lucioperca</i> Respond to Dietary Insect Meal <i>Hermetia illucens</i> ? Investigation on Gut Microbiota, Histomorphology, and Antioxidant Biomarkers. Frontiers in Marine Science, 2021, 8, .	2.5	10
159	Developmental plasticity among strains of the yellow mealworm, <i>Tenebrio molitor</i> L., under dry conditions. Journal of Insects As Food and Feed, 2022, 8, 281-288.	3.9	4
160	Impact of age, size, and sex on adult black soldier fly [<i>Hermetia illucens</i> L. (Diptera: Stratiomyidae)] thermal preference. Journal of Insects As Food and Feed, 2022, 8, 129-139.	3.9	12
161	Nutritional profile of the wild harvested armoured cricket (<i>Acanthopplus discoidalis</i>) (Orthoptera: <i>Tettigoniidae</i>) in northern region of Zimbabwe. Journal of Insects As Food and Feed, 2022, 8, 417-425.	3.9	3
162	Economic and ecological values of frass fertiliser from black soldier fly agro-industrial waste processing. Journal of Insects As Food and Feed, 2022, 8, 245-254.	3.9	11
163	Environmental impacts of animal-based food supply chains with market characteristics. Science of the Total Environment, 2021, 783, 147077.	8.0	15
164	A Novel Concept for Sustainable Food Production Utilizing Low Temperature Industrial Surplus Heat. Sustainability, 2021, 13, 9786.	3.2	3
165	Influence of environmental and genetic factors on food protein quality: current knowledge and future directions. Current Opinion in Food Science, 2021, 40, 94-101.	8.0	8

#	ARTICLE	IF	CITATIONS
166	In Vitro Antioxidant and Antihypertensive Activity of Edible Insects Flours (Mealworm and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 742 Td	3.0	19
167	Mealworm (<i>Tenebrio molitor</i>): Potential and Challenges to Promote Circular Economy. <i>Animals</i> , 2021, 11, 2568.	2.3	28
168	Fishmeal Replacement with <i>Hermetia illucens</i> Meal in Aquafeeds: Effects on Zebrafish Growth Performances, Intestinal Morphometry, and Enzymology. <i>Fishes</i> , 2021, 6, 28.	1.7	7
169	Use of insect products in pig diets. <i>Journal of Insects As Food and Feed</i> , 2021, 7, 781-793.	3.9	29
170	Insect Larvae Meal (<i>Hermetia illucens</i>) as a Sustainable Protein Source of Canine Food and Its Impacts on Nutrient Digestibility and Fecal Quality. <i>Animals</i> , 2021, 11, 2525.	2.3	9
171	<i>Tenebrio molitor</i> in the circular economy: a novel approach for plastic valorisation and PHA biological recovery. <i>Environmental Science and Pollution Research</i> , 2021, 28, 52689-52701.	5.3	10
172	Effects of flaxseed cake fortification on bread shelf life, and its possible use as feed for <i>Tenebrio molitor</i> larvae in a circular economy: preliminary results. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 1736-1743.	3.5	3
173	Determinants of small-scale farmers' intention to adopt insect farming for animal feed in Colombia. <i>Journal of Insects As Food and Feed</i> , 2021, 7, 1035-1049.	3.9	2
174	Effects of the substitution of fishmeal with mealworm meal on enzymes, haemolymph and intestinal microbiota of the Pacific white shrimp. <i>Journal of Insects As Food and Feed</i> , 2021, 7, 1023-1033.	3.9	5
175	Techno-functional properties of edible insect proteins and effects of processing. <i>Current Opinion in Colloid and Interface Science</i> , 2021, 56, 101508.	7.4	45
176	Effect of Defatting and Extraction Solvent on the Antioxidant and Pancreatic Lipase Inhibitory Activities of Extracts from <i>Hermetia illucens</i> and <i>Tenebrio molitor</i> . <i>Insects</i> , 2021, 12, 789.	2.2	8
177	Lipids from <i>Hermetia illucens</i> , an Innovative and Sustainable Source. <i>Sustainability</i> , 2021, 13, 10198.	3.2	52
178	Supply chain optimization and analysis of <i>Hermetia illucens</i> (black soldier fly) bioconversion of surplus foodstuffs. <i>Journal of Cleaner Production</i> , 2021, 321, 128711.	9.3	8
179	Bioavailability of nutrients from edible insects. <i>Current Opinion in Food Science</i> , 2021, 41, 240-248.	8.0	72
180	The effects of the dietary replacement of soybean meal with yellow mealworm larvae (<i>Tenebrio</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 18 Science and Technology, 2021, 280, 115048.	2.2	3
181	Wouldn't hurt a fly? A review of insect cognition and sentience in relation to their use as food and feed. <i>Applied Animal Behaviour Science</i> , 2021, 243, 105432.	1.9	27
182	A survey of willingness to consume insects and a measure of college student perceptions of insect consumption using Q methodology. <i>Future Foods</i> , 2021, 4, 100046.	5.4	7
183	<i>Comadia redtenbacheri</i> (Lepidoptera: Cossidae) and <i>Aegiale hesperiaris</i> (Lepidoptera: Hesperidae), two important edible insects of <i>Agave salmiana</i> (Asparagales: Asparagaceae): a review. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 1977-1988.	1.0	6

#	ARTICLE	IF	CITATIONS
184	COVID-19 Pandemic Is a Call to Search for Alternative Protein Sources as Food and Feed: A Review of Possibilities. <i>Nutrients</i> , 2021, 13, 150.	4.1	47
185	Insect-Based Bioconversion: Value from Food Waste. , 2020, , 321-346.		36
186	How to Measure Consumers Acceptance Towards Edible Insects? “ A Scoping Review About Methodological Approaches. , 2019, , 27-44.		13
187	Bugs on the Menu: Drivers and Barriers of Consumer Acceptance of Insects as Food. , 2019, , 45-55.		10
188	Quality and Consumer Acceptance of Products from Insect-Fed Animals. , 2019, , 73-86.		4
189	Importance of Insects as Food in Africa. , 2020, , 1-17.		7
190	Potential of Bioeconomy in Urban Green Infrastructure. , 2020, , 251-276.		8
192	Renewable source of full protein for animal feeding. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 548, 052076.	0.3	2
193	Extrusion technologies of feed and food including biomass of insects (review). <i>Agricultural Science Euro-North-East</i> , 2020, 21, 233-244.	0.7	4
194	Consumers' Willingness to Consume Insect-Based Protein Depends on Descriptive Social Norms. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	3.9	10
195	Nutritional, Microbial, and Sensory Evaluation of Complementary Foods Made from Blends of Orange-Fleshed Sweet Potato and Edible Insects. <i>Foods</i> , 2020, 9, 1225.	4.3	15
196	Effects of different blanching treatments on microbiological profile and quality of the mealworm (<i>Tenebrio molitor</i>). <i>Journal of Insects As Food and Feed</i> , 2019, 5, 225-234.	3.9	19
197	Edible insect marketing in Western countries: wisely weighing the foodstuff, the foodie, and the foodscape. <i>Journal of Insects As Food and Feed</i> , 2020, 6, 341-354.	3.9	9
198	Rapid discrimination and classification of edible insect powders using ATR-FTIR spectroscopy combined with multivariate analysis. <i>Journal of Insects As Food and Feed</i> , 2020, 6, 141-148.	3.9	11
199	Infestaci3n Inducida de Gusano Rojo Comadia redtenbacherien Agave salmiana. <i>Southwestern Entomologist</i> , 2018, 43, 1009-1019.	0.2	3
200	Edible Insects as a Protein Source: A Review of Public Perception, Processing Technology, and Research Trends. <i>Food Science of Animal Resources</i> , 2019, 39, 521-540.	4.1	224
201	Breeding Enhancement of <i>Musca domestica</i> L. 1758: Egg Load as a Measure of Optimal Larval Density. <i>Insects</i> , 2021, 12, 956.	2.2	5
202	Effect on Intermediary Metabolism and Digestive Parameters of the High Substitution of Fishmeal with Insect Meal in <i>Sparus aurata</i> Feed. <i>Insects</i> , 2021, 12, 965.	2.2	16

#	ARTICLE	IF	CITATIONS
203	Insight on Current Advances in Food Science and Technology for Feeding the World Population. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	3.9	32
204	Drivers of insect consumption across human populations. <i>Evolutionary Anthropology</i> , 2022, 31, 45-59.	3.4	6
205	A systematic literature review on the effects of mycotoxin exposure on insects and on mycotoxin accumulation and biotransformation. <i>Mycotoxin Research</i> , 2021, 37, 279-295.	2.3	10
206	Effect of geographical location, insect type and cooking method on the nutritional composition of insects consumed in South Africa. <i>Journal of Insects As Food and Feed</i> , 2022, 8, 537-556.	3.9	6
207	Edible insect value chains in Africa. <i>Journal of Insects As Food and Feed</i> , 2018, 4, 199-201.	3.9	8
208	Edible Insects. , 2019, , 1-16.		0
209	43. The missing animal in entomophagy – ethical, ecological and aesthetic considerations on eating insects. , 2019, , .		3
210	Evaluation of Biochemical Parameters of Rats Fed with Corn Flour Supplemented with Cricket (<i>Acheta</i>) Tj ETQq1 1 0.784314 gBT /Overlock 1	0.2	6
211	Outlook of using protein components of non-traditional origin in aquaculture feeds (review). <i>Fisheries Science of Ukraine</i> , 2020, , 53-64.	0.1	1
212	SAÄŽLIÄŽIN GELÄ°ÄžTÄ°RÄ°LMESÄ° VE SÄœRDÄœRÄœLEBÄ°LÄ°R BESLENME Ä°ÄžÄ°N ALTERNATÄ°F BÄ°R KAYNAK: YENÄ°LEBÄ°LÄ°R B	0.4	5
213	Edible insects: Alternative protein for sustainable food and nutritional security. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 883, 012029.	0.3	4
214	Edible Insects. , 2020, , 965-980.		6
215	Edible insects as future food: chances and challenges. <i>Journal of Future Foods</i> , 2021, 1, 38-46.	4.7	82
216	Farmed animal production in tropical circular food systems. <i>Food Security</i> , 2022, 14, 273-292.	5.3	16
217	USING INTACT AND MINCED HERMETIA ILLUCENS LARVAE AS A FODDER IN AQUACULTURE (REVIEW OF) Tj ETQq0.0.0 rgBT /Overlock 1	0.3	5
218	19. Insect meal and fish feeding cost: a case study in Italy. , 2020, , .		3
219	Potential of edible insects as a new source of bioactive compounds against metabolic syndrome. , 2022, , 331-364.		2
220	A systematic meta-analysis based review on black soldier fly (<i>Hermetia illucens</i>) as a novel protein source for salmonids. <i>Reviews in Aquaculture</i> , 2022, 14, 938-956.	9.0	30

#	ARTICLE	IF	CITATIONS
221	<i>Tenebrio molitor</i> as a source of interesting natural compounds, their recovery processes, biological effects, and safety aspects. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2022, 21, 148-197.	11.7	31
222	A Systematic Review on Viruses in Mass-Reared Edible Insect Species. <i>Viruses</i> , 2021, 13, 2280.	3.3	22
223	Rheological Characterization of Chapatti (Roti) Enriched with Flour or Paste of House Crickets (<i>Acheta domesticus</i>). <i>Foods</i> , 2021, 10, 2750.	4.3	10
224	Impact of some local organic by-products on <i>Acheta domesticus</i> growth and meal production. <i>Journal of Insects As Food and Feed</i> , 2022, 8, 631-640.	3.9	7
225	Italian Consumers' Readiness to Adopt Eggs from Insect-Fed Hens. <i>Animals</i> , 2021, 11, 3278.	2.3	5
226	Horizon scanning and review of the impact of five food and food production models for the global food system in 2050. <i>Trends in Food Science and Technology</i> , 2022, 119, 550-564.	15.1	18
227	<i>Gryllus testaceus walkeri</i> (crickets) farming management, chemical composition, nutritive profile, and their effect on animal digestibility. <i>Entomological Research</i> , 2021, 51, 639-649.	1.1	16
228	The Nutritional Profiles of Five Important Edible Insect Species From West Africa—An Analytical and Literature Synthesis. <i>Frontiers in Nutrition</i> , 2021, 8, 792941.	3.7	16
229	Toward resilient food systems after COVID-19. <i>Current Research in Environmental Sustainability</i> , 2022, 4, 100110.	3.5	3
230	Aspects that affect tasting studies of emerging food—a review. <i>Future Foods</i> , 2022, 5, 100109.	5.4	11
231	Edible Aquatic Insects: Diversities, Nutrition, and Safety. <i>Foods</i> , 2021, 10, 3033.	4.3	8
232	Stakeholders' Perceived Experiences with Indigenous Edible Insects in Zimbabwe. <i>Journal of Culinary Science and Technology</i> , 2024, 22, 1-15.	1.4	2
233	Effects of defatted yellow mealworm (<i>Tenebrio molitor</i>) on the feed qualities and the growth performance of largemouth bass (<i>Micropterus salmoides</i>). <i>Journal of Insects As Food and Feed</i> , 2022, 8, 1265-1279.	3.9	3
234	Temperature-modified density effects in the black soldier fly: low larval density leads to large size, short development time and high fat content. <i>Journal of Insects As Food and Feed</i> , 2022, 8, 783-802.	3.9	10
235	Pre-Treatment of Fish By-Products to Optimize Feeding of <i>Tenebrio molitor</i> L. Larvae. <i>Insects</i> , 2022, 13, 125.	2.2	6
236	New Eco-Sustainable Feed in Aquaculture: Influence of Insect-Based Diets on the Content of Potentially Toxic Elements in the Experimental Model Zebrafish (<i>Danio rerio</i>). <i>Molecules</i> , 2022, 27, 818.	3.8	3
237	A comparative evaluation of nutrient content of fall armyworm (<i>Spodoptera frugiperda</i>) larvae to other chicken feeds. <i>African Journal of Agricultural Research</i> Vol Pp, 2022, 18, 27-34.	0.5	0
238	Recognizing Potential Pathways to Increasing the Consumption of Edible Insects from the Perspective of Consumer Acceptance: Case Study from Finland. <i>Sustainability</i> , 2022, 14, 1439.	3.2	14

#	ARTICLE	IF	CITATIONS
239	Farm to Institution to Farm: Circular Food Systems With Native Entomoculture. <i>Frontiers in Sustainable Food Systems</i> , 2022, 5, .	3.9	1
240	Inventory reveals wide biodiversity of edible insects in the Eastern Democratic Republic of Congo. <i>Scientific Reports</i> , 2022, 12, 1576.	3.3	14
241	Feeding of cuticles from <i>Tenebrio molitor</i> larvae modulates the gut microbiota and attenuates hepatic steatosis in obese Zucker rats. <i>Food and Function</i> , 2022, 13, 1421-1436.	4.6	11
242	Nutritional composition of various insects and potential uses as alternative protein sources in animal diets. <i>Animal Bioscience</i> , 2022, 35, 317-331.	2.0	30
243	Hexamerin-2 Protein of Locust as a Novel Allergen in Occupational Allergy. <i>Journal of Asthma and Allergy</i> , 2022, Volume 15, 145-155.	3.4	5
245	Insect-Mediated Waste Conversion. , 2022, , 479-509.		2
246	Road to The Red Carpet of Edible Crickets through Integration into the Human Food Chain with Biofunctions and Sustainability: A Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1801.	4.1	18
247	Understanding Insect Farming. , 2021, , 53-113.		0
248	Insects as food: Knowledge, desire and media credibility. Ideas for a communication. <i>Rivista Di Studi Sulla Sostenibilita</i> , 2022, , 385-396.	0.2	2
249	Environmental Perspectives on Entomophagy: Can Behavioural Interventions Influence Consumer Preference for Edible Insects?. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
250	Meat alternatives: A proofed commodity?. <i>Advances in Food and Nutrition Research</i> , 2022, , 213-236.	3.0	6
252	Importance of the Oriental mole cricket (<i>Gryllotalpa orientalis</i>) to gatherers' livelihoods in Guiyang city, China. <i>Journal of Insects As Food and Feed</i> , 2022, 8, 701-710.	3.9	1
253	A Probabilistic Structural Equation Model to Evaluate Links between Gut Microbiota and Body Weights of Chicken Fed or Not Fed Insect Larvae. <i>Biology</i> , 2022, 11, 357.	2.8	2
254	Substrate composition effect on growth of <i>Cotinis mutabilis</i> (Scarabaeidae) larvae: a case for detritivore scarabs in the insect agriculture industry. <i>Journal of Insects As Food and Feed</i> , 2022, 8, 937-949.	3.9	0
255	Potential Utilization of Insect Meal as Livestock Feed. <i>Veterinary Medicine and Science</i> , 0, , .	0.0	2
256	Overcoming Technical and Market Barriers to Enable Sustainable Large-Scale Production and Consumption of Insect Proteins in Europe: A SUSINCHAIN Perspective. <i>Insects</i> , 2022, 13, 281.	2.2	23
257	A Review and Meta-analysis of the Effects of Replacing Fishmeal with Insect Meals on Growth of Tilapias and Sharptooth Catfish. <i>Aquaculture Nutrition</i> , 2022, 2022, 1-10.	2.7	9
259	Partial defatted black soldier larvae meal as a promising strategy to replace fish meal protein in diet for Nile tilapia (<i>Oreochromis niloticus</i>): Performance, expression of protein and fat transporters, and cytokines related genes and economic efficiency. <i>Aquaculture</i> , 2022, 555, 738195.	3.5	22

#	ARTICLE	IF	CITATIONS
260	Effect of Temperature and Photoperiod on Development, Survival, and Growth Rate of Mealworms, <i>Tenebrio molitor</i> . <i>Insects</i> , 2022, 13, 321.	2.2	16
261	Improving Food Security through Entomophagy: Can Behavioural Interventions Influence Consumer Preference for Edible Insects?. <i>Sustainability</i> , 2022, 14, 3875.	3.2	7
262	The Bacterial Microbiota of Edible Insects <i>Acheta domesticus</i> and <i>Gryllus assimilis</i> Revealed by High Content Analysis. <i>Foods</i> , 2022, 11, 1073.	4.3	9
263	Sensitisation to <i>Imbrasia belina</i> (mopane worm) and other local allergens in rural Gwanda district of Zimbabwe. <i>Allergy, Asthma and Clinical Immunology</i> , 2022, 18, 33.	2.0	1
264	Water resource prospects for the next 50 years on the water planet: personal perspectives on a shared history from Earth Day, the Fourth Industrial Revolution and One Health to the futures of alternative energy, bioconvergence and quantum computing. <i>Water International</i> , 2021, 46, 1158-1186.	1.0	2
265	Towards Functional Insect Feeds: Agri-Food By-Products Enriched with Post-Distillation Residues of Medicinal Aromatic Plants in <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae) Breeding. <i>Antioxidants</i> , 2022, 11, 68.	5.1	15
266	Entomofagia: una opción nutricional y sustentable para la alimentación humana. , 0, , 198-213.		0
267	Different Combinations of Butchery and Vegetable Wastes on Growth Performance, Chemical-Nutritional Characteristics and Oxidative Status of Black Soldier Fly Growing Larvae. <i>Animals</i> , 2021, 11, 3515.	2.3	11
268	Development of a Questionnaire to Assess Knowledge and Perceptions about Edible Insects. <i>Insects</i> , 2022, 13, 47.	2.2	10
269	Consumer attitude and acceptance toward fish fed with insects: a focus on the new generations. <i>Journal of Insects As Food and Feed</i> , 2022, 8, 1249-1263.	3.9	19
270	Effects of Environmental Corporate Social Responsibility Practices on Environmental Sustainability. <i>Impact of Meat Consumption on Health and Environmental Sustainability</i> , 2022, , 28-47.	0.4	0
271	The practice of entomophagism in India by indigenous people: past, present, and future. , 2022, , 329-352.		0
272	Strain effect on the adult performance of the yellow mealworm, <i>Tenebrio molitor</i> L.. <i>Journal of Insects As Food and Feed</i> , 2022, 8, 1401-1410.	3.9	3
273	Sericulture and the edible-insect industry can help humanity survive: insects are more than just bugs, food, or feed. <i>Food Science and Biotechnology</i> , 2022, 31, 657-668.	2.6	12
274	Growth efficiency, intestinal biology, and nutrient utilization and requirements of black soldier fly (<i>Hermetia illucens</i>) larvae compared to monogastric livestock species: a review. <i>Journal of Animal Science and Biotechnology</i> , 2022, 13, 31.	5.3	29
275	Entomophagy practices in Bodoland Territorial Region, Assam: nutritional potential and implications for food security. <i>Journal of Insects As Food and Feed</i> , 2022, 8, 1485-1500.	3.9	1
276	Comparison of Nutritional Profiles of Super Worm (<i>Zophobas morio</i>) and Yellow Mealworm (<i>Tenebrio molitor</i>) as Alternative Feeds Used in Animal Husbandry: Is Super Worm Superior?. <i>Animals</i> , 2022, 12, 1277.	2.3	5
277	Microbial food products: A sustainable solution to alleviate hunger. , 2022, , 1-27.		0

#	ARTICLE	IF	CITATIONS
278	Black soldier fly (<i>Hermetia illucens</i> , L.) larvae meal improves growth performance, feed efficiency and economic returns of Nile tilapia (<i>Oreochromis niloticus</i> , L.) fry. <i>Aquaculture, Fish and Fisheries</i> , 2022, 2, 167-178.	1.0	16
279	Environmental performance of insect protein: a case of LCA results for fish feed produced in Norway. <i>SN Applied Sciences</i> , 2022, 4, .	2.9	5
280	Encapsulation of house fly larvae (<i>Musca domestica</i>) meal by ionic gelation as a strategy to develop a novel nutritive food ingredient with improved aroma and appearance. <i>LWT - Food Science and Technology</i> , 2022, 163, 113597.	5.2	2
281	Renewable energies in the context of the waterfoodenergy nexus. , 2022, , 571-614.		0
282	Improving the Lipid Profile of Black Soldier Fly (<i>Hermetia illucens</i>) Larvae for Marine Aquafeeds: Current State of Knowledge. <i>Sustainability</i> , 2022, 14, 6472.	3.2	7
283	Edible Insects in Latin America: A Sustainable Alternative for Our Food Security. <i>Frontiers in Nutrition</i> , 2022, 9, .	3.7	7
284	Development of sustainable business models for insect-fed poultry production: opportunities and risks. <i>Journal of Insects As Food and Feed</i> , 2022, 8, 1469-1483.	3.9	3
285	Does space matter? Estimation and evaluation of required space for commercial mass culture of grasshoppers (Acridoidea: Orthoptera). <i>PLoS ONE</i> , 2022, 17, e0265664.	2.5	0
286	Insects as Feed for Companion and Exotic Pets: A Current Trend. <i>Animals</i> , 2022, 12, 1450.	2.3	23
287	Edible insects: A bibliometric analysis and current trends of published studies (1953â€“2021). <i>International Journal of Tropical Insect Science</i> , 2022, 42, 3335-3355.	1.0	4
288	Insects in Pet Food Industryâ€”Hope or Threat?. <i>Animals</i> , 2022, 12, 1515.	2.3	8
289	Determination of Moisture and Protein Content in Living Mealworm Larvae (<i>Tenebrio molitor</i> L.) Using Near-Infrared Reflectance Spectroscopy (NIRS). <i>Insects</i> , 2022, 13, 560.	2.2	11
290	CEA Systems: the Means to Achieve Future Food Security and Environmental Sustainability?. <i>Frontiers in Sustainable Food Systems</i> , 0, 6, .	3.9	17
291	Dioxins and polychlorinated biphenyls in insect processed animal proteins used as a feed â€” is there a health risk?. <i>Journal of Insects As Food and Feed</i> , 2023, 9, 65-75.	3.9	0
292	Potentiality of protein fractions from the house cricket (<i>Acheta domesticus</i>) and yellow mealworm (<i>Tenebrio molitor</i>) for pasta formulation. <i>LWT - Food Science and Technology</i> , 2022, 164, 113638.	5.2	23
293	Growth performance and intestinal morphometric features of broiler chickens fed on dietary inclusion of yellow mealworm (<i>Tenebrio molitor</i>) larvae powder. <i>Veterinary Medicine and Science</i> , 2022, 8, 2050-2058.	1.6	7
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#	ARTICLE	IF	CITATIONS
296	Consumer perception of insects as food: Mexico as an example of the importance of studying socio-economic and geographical differences for decision-making in food development. <i>International Journal of Food Science and Technology</i> , 2022, 57, 6306-6316.	2.7	1
297	Nutritional composition and antioxidant properties of edible insects sold in Korea. <i>Journal of Insects As Food and Feed</i> , 2023, 9, 245-254.	3.9	2
298	Nutritional evaluation of biscuits enriched with cricket flour (<i>Acheta domesticus</i>). <i>International Journal of Gastronomy and Food Science</i> , 2022, 29, 100583.	3.0	9
299	Black soldier fly: Prospection of the inclusion of insect-based ingredients in extruded foods. , 2022, 1, 100075.		5
300	Selective breeding and characterization of a black mealworm strain of <i>Tenebrio molitor</i> Linnaeus (Coleoptera: Tenebrionidae). <i>Journal of Asia-Pacific Entomology</i> , 2022, 25, 101978.	0.9	2
301	Value Chain of Edible Insect Production: A Bibliometric Study. <i>IFIP Advances in Information and Communication Technology</i> , 2022, , 74-82.	0.7	0
302	Entomophagy and the Nexus Between Human and Planetary Health. <i>Climate Change Management</i> , 2022, , 29-44.	0.8	0
303	Legislative and Judicial Challenges on Insects for Human Consumption: From Member States to the EU, Passing Through the Court of Justice of the EU. , 2022, , 99-122.		1
304	Progress and challenges of insects as food and feed. , 2022, , 533-557.		3
305	Cellular agriculture and human dietary evolution—a view from the Anthropocene. , 2023, , 25-42.		0
306	Environmental impacts of meat and meat replacements. , 2023, , 365-397.		2
307	Residues from black soldier fly (<i>Hermetia illucens</i>) larvae rearing influence the plant-associated soil microbiome in the short term. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	10
308	Edible insects prevent changes to brain monoamine profiles from malnourishment in weaned rats. <i>Nutritional Neuroscience</i> , 0, , 1-13.	3.1	0
309	Role of Edible Insects as Food Source to Combat Food Security Challenges. <i>Innovative and Traditional Approaches</i> . , 0, , .		0
310	Folate contents in insects as promising food components quantified by stable isotope dilution. <i>Frontiers in Nutrition</i> , 0, 9, .	3.7	0
311	Recent Insight on Edible Insect Protein: Extraction, Functional Properties, Allergenicity, Bioactivity, and Applications. <i>Foods</i> , 2022, 11, 2931.	4.3	16
312	Carob (<i>Ceratonia siliqua</i>) as Functional Feed Is Beneficial in Yellow Mealworm (<i>Tenebrio molitor</i>) Rearing: Evidence from Growth, Antioxidant Status and Cellular Responses. <i>Antioxidants</i> , 2022, 11, 1840.	5.1	7
313	Edible Insect Consumption for Human and Planetary Health: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 11653.	2.6	14

#	ARTICLE	IF	CITATIONS
314	Nutritional Composition of Black Soldier Fly Larvae (<i>Hermetia illucens</i> L.) and Its Potential Uses as Alternative Protein Sources in Animal Diets: A Review. <i>Insects</i> , 2022, 13, 831.	2.2	52
315	Human Consumption of Insects in Sub-Saharan Africa: Lepidoptera and Potential Species for Breeding. <i>Insects</i> , 2022, 13, 886.	2.2	6
316	Effects of a Mealworm (<i>Tenebrio molitor</i>) Extract on Metabolic Syndrome-Related Pathologies: In Vitro Insulin Sensitivity, Inflammatory Response, Hypolipidemic Activity and Oxidative Stress. <i>Insects</i> , 2022, 13, 896.	2.2	3
318	The Nutrient Composition of Three Mosquito (Diptera: Culicidae) Species, <i>Aedes caspius</i> , <i>Anopheles hyrcanus</i> , and <i>Culex pipiens</i> , Harvested from Rice Fields for Their Potential Utilization as Poultry Feed Ingredients. <i>Sustainability</i> , 2022, 14, 13852.	3.2	0
319	Edible Insects for Humans and Animals: Nutritional Composition and an Option for Mitigating Environmental Damage. <i>Insects</i> , 2022, 13, 944.	2.2	14
320	Optimizing the Rheological and Textural Properties of Chapatti Enriched with House Crickets (<i>Acheta</i>) Tj ETQq1 1 0,784314 rgBT /Over	4.3	1
321	Insect production as a novel alternative to livestock farming: Exploring interest and willingness to adopt among German farmers. <i>Sustainable Production and Consumption</i> , 2023, 35, 28-39.	11.0	3
322	Impact of emerging technologies on colloidal properties of insect proteins. <i>Current Opinion in Food Science</i> , 2023, 49, 100958.	8.0	4
323	Environmental effects of harvesting some Mexican wild edible insects: An overview. <i>Frontiers in Sustainable Food Systems</i> , 0, 6, .	3.9	1
324	Edible Insects Consumption in Africa towards Environmental Health and Sustainable Food Systems: A Bibliometric Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 14823.	2.6	11
325	The Motivations for Consumption of Edible Insects: A Systematic Review. <i>Foods</i> , 2022, 11, 3643.	4.3	25
326	It is unnatural!â€“the role of food neophobia and food technology neophobia in shaping consumers' attitudes: a multimethod approach. <i>British Food Journal</i> , 2022, ahead-of-print, .	2.9	3
327	Assessment of the chemical characteristics and nutritional quality of meat from broiler chicken fed black soldier fly (<i>Hermetia illucens</i>) larvae meal. <i>Heliyon</i> , 2022, 8, e11718.	3.2	1
328	Socio-Economic Factors of the Edible Insects' Market Development. <i>Entomology and Applied Science Letters</i> , 2022, 9, 33-40.	1.3	1
329	Insect Secretions and Extracts As Green Material Resources. , 2022, , 1-9.		0
330	SÃ¼rdÃ¼rÃ¼lebilir ve Yeni Bir âœœGÃ¼daâœœ Alternatifi Olarak Yenilebilir BÃ¼cekler. <i>Acta Mathematica Spalatensis</i> , 0, , .	0.3	0
331	Consumer Acceptance of Alternative Proteins: A Systematic Review of Current Alternative Protein Sources and Interventions Adapted to Increase Their Acceptability. <i>Sustainability</i> , 2022, 14, 15370.	3.2	16
332	Innovation in Alternative Food Sources: A Review of a Technological State-of-the-Art of Insects in Food Products. <i>Foods</i> , 2022, 11, 3792.	4.3	6

#	ARTICLE	IF	CITATIONS
333	Towards achieving circularity and sustainability in feeds for farmed blue foods. Reviews in Aquaculture, 2023, 15, 1115-1141.	9.0	27
334	Transformation Capability Optimization and Product Application Potential of <i>Proteatia brevitarsis</i> (Coleoptera: Cetoniidae) Larvae on Cotton Stalks. Insects, 2022, 13, 1083.	2.2	1
335	Mopane worm value chain in Zimbabwe: Evidence on knowledge, practices, and processes in Gwanda District. PLoS ONE, 2022, 17, e0278230.	2.5	2
336	Insects as Human Food. , 2023, , 65-106.		0
337	Extruded Corn Snacks with Cricket Powder: Impact on Physical Parameters and Consumer Acceptance. Sustainability, 2022, 14, 16578.	3.2	8
338	Nutritional Composition, Health Benefits, and Application Value of Edible Insects: A Review. Foods, 2022, 11, 3961.	4.3	23
339	Growth performance, welfare traits and meat characteristics of broilers fed diets partly replaced with whole <i>Tenebrio molitor</i> larvae. Animal Nutrition, 2023, 13, 90-100.	5.1	8
340	Effects of soybean meal replacement by <i>Hermetia illucens</i> larvae meal on growth performance, meat quality and gastrointestinal health in broilers. Journal of Insects As Food and Feed, 2023, 9, 569-581.	3.9	1
342	Silkworm pupae derivatives as source of high value protein intended for pasta fortification. Journal of Food Science, 2023, 88, 341-355.	3.1	2
343	Fishmeal Replacement by Full-Fat and Defatted <i>Hermetia illucens</i> Prepupae Meal in the Diet of Gilthead Seabream (<i>Sparus aurata</i>). Sustainability, 2023, 15, 786.	3.2	15
344	Edible Insects in Africa and the Realization of Sustainable Development Goal 2. , 2022, , 1-22.		0
345	Food Systems Innovation Hubs in Low- and Middle-Income Countries. , 2023, , 455-468.		0
346	Edible insect biodiversity and anthropo-entomophagy practices in Kalehe and Idjwi territories, D.R. Congo. Journal of Ethnobiology and Ethnomedicine, 2023, 19, .	2.6	4
347	Immune Responses of the Black Soldier Fly <i>Hermetia illucens</i> (L.) (Diptera: Stratiomyidae) Reared on Catering Waste. Life, 2023, 13, 213.	2.4	8
348	Insect biorefinery: A circular economy concept for biowaste conversion to value-added products. Environmental Research, 2023, 221, 115284.	7.5	15
349	Investigation of the Level of Knowledge in Different Countries about Edible Insects: Cluster Segmentation. Sustainability, 2023, 15, 450.	3.2	2
350	SÃ¼rdÃ¼rÃ¼lebilir Beslenme KapsamÃ±nda Yenilebilir BÃ¼cekler. Bilecik Åžeyh EdebalÃ±niversitesi Fen Bilimleri Dergisi, 0, , .	0.6	0
351	614. Towards selective breeding in insects â€“ estimating genetic parameters with individual-level phenotypes and pedigree. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
352	Influence of <i>Hermetia illucens</i> Larvae Meal Dietary Inclusion on Growth Performance, Gut Histological Traits and Stress Parameters in <i>Sparus aurata</i> . <i>Animals</i> , 2023, 13, 339.	2.3	5
353	Nutritional Evaluation of Milk-, Plant-, and Insect-Based Protein Materials by Protein Digestibility Using the INFOGEST Digestion Method. <i>Journal of Agricultural and Food Chemistry</i> , 2023, 71, 2503-2513.	5.2	5
354	Acceptance of insects as protein feed “evidence from pig and poultry farmers in France and in the Netherlands. <i>Journal of Insects As Food and Feed</i> , 2023, 9, 707-719.	3.9	1
355	Effect of Moisture and Oil Content in the Supercritical CO ₂ Defatting of <i>Hermetia illucens</i> Larvae. <i>Foods</i> , 2023, 12, 490.	4.3	3
356	Techno-Economic Assessment of APS-Based Poultry Feed Production with a Circular Biorefinery Process. <i>Sustainability</i> , 2023, 15, 2195.	3.2	2
357	Knowledge: A Factor for Acceptance of Insects as Food. <i>Sustainability</i> , 2023, 15, 4820.	3.2	3
358	Feeding preferences of the field cricket <i>Scapsipedus icipe</i> (Orthoptera: Gryllidae) for different species of <i>Commelina</i> . <i>European Journal of Entomology</i> , 0, 120, 115-127.	1.2	0
359	Valorization of Food Waste as Animal Feed: A Step towards Sustainable Food Waste Management and Circular Bioeconomy. <i>Animals</i> , 2023, 13, 1366.	2.3	17
360	Paying for sustainable food choices: The role of environmental considerations in consumer valuation of insect-based foods. <i>Food Quality and Preference</i> , 2023, 106, 104816.	4.6	8
361	Quality of <i>Tenebrio molitor</i> Powders: Effects of Four Processes on Microbiological Quality and Physicochemical Factors. <i>Foods</i> , 2023, 12, 572.	4.3	5
362	Sustainability Issues in <i>Gonimbrasia Belina</i> Supply Chain in Gwanda District, Zimbabwe. <i>Advances in Religious and Cultural Studies</i> , 2023, , 246-264.	0.2	0
363	Modelling the Factors Influencing Polish Consumers’ Approach towards New Food Products on the Market. <i>Sustainability</i> , 2023, 15, 2818.	3.2	2
364	European oak metabolites shape digestion and fitness of the herbivore <i>Tortrix viridana</i> . <i>Functional Ecology</i> , 2023, 37, 1476-1491.	3.6	2
365	Hemp Waste as a Substrate for <i>Hermetia illucens</i> (L.) (Diptera: Stratiomyidae) and <i>Tenebrio molitor</i> L. (Coleoptera: Tenebrionidae) Rearing. <i>Insects</i> , 2023, 14, 183.	2.2	4
366	A survey on the prevalence of sustainable diets and the eating experience satisfaction. <i>Innovative Food Science and Emerging Technologies</i> , 2023, 84, 103305.	5.6	1
367	Cytoprotective and Antioxidant Effects of Hydrolysates from Black Soldier Fly (<i>Hermetia illucens</i>). <i>Antioxidants</i> , 2023, 12, 519.	5.1	6
368	Bioconversion of Different Waste Streams of Animal and Vegetal Origin and Manure by Black Soldier Fly Larvae <i>Hermetia illucens</i> L. (Diptera: Stratiomyidae). <i>Insects</i> , 2023, 14, 204.	2.2	12
369	Climate change and marketing: a bibliometric analysis of research from 1992 to 2022. <i>Environmental Science and Pollution Research</i> , 2023, 30, 81550-81572.	5.3	4

#	ARTICLE	IF	CITATIONS
370	Physical Properties of Substrates as a Driver for <i>Hermetia illucens</i> (L.) (Diptera: Stratiomyidae) Larvae Growth. <i>Insects</i> , 2023, 14, 266.	2.2	12
371	Bug Meat: Assembling Meat from Insects. , 2023, , 185-212.		0
372	Can crickets recognise bacterially contaminated feed? <i>Gryllus assimilis</i> odour perception of <i>Escherichia coli</i> . <i>Journal of Insects As Food and Feed</i> , 2023, 9, 947-954.	3.9	1
373	Effect of astaxanthin isomer supplementation on their accumulation in edible orthopterans: migratory locusts and two-spotted crickets. <i>Journal of Insects As Food and Feed</i> , 2023, 9, 955-964.	3.9	3
374	Analysis of the Composition of Different Instars of <i>Tenebrio molitor</i> Larvae using Near-Infrared Reflectance Spectroscopy for Prediction of Amino and Fatty Acid Content. <i>Insects</i> , 2023, 14, 310.	2.2	5
375	Protein. Sustainable Development Goals Series, 2023, , 45-58.	0.4	0
376	Understanding New Foods: Alternative Protein Sources. Sustainable Development Goals Series, 2023, , 135-146.	0.4	0
377	Effects of dietary substitution of fishmeal by black soldier fly (<i>Hermetia illucens</i>) meal on growth performance, whole-body chemical composition, and fatty acid profile of <i>Pontastacus leptodactylus</i> juveniles. <i>Frontiers in Physiology</i> , 0, 14, .	2.8	3
378	African traditional use of edible insects and challenges towards the future trends of food and feed. <i>Journal of Insects As Food and Feed</i> , 2023, 9, 965-988.	3.9	4
379	Food Proteins: Potential Resources. <i>Sustainability</i> , 2023, 15, 5863.	3.2	9
380	An analysis of the operations and confrontations of using green IT in sustainable farming. AIP Conference Proceedings, 2023, , .	0.4	6
381	Environmental Sustainability: Relevance of Forensic Insects and Other Ecosystem Services in Africa. <i>Sustainable Development and Biodiversity</i> , 2023, , 603-634.	1.7	0
382	Food for the future: sustainability assessment of cricket products for policy decisions to move toward sustainable agriculture in Thailand. <i>Journal of Insects As Food and Feed</i> , 0, , 1-12.	3.9	1
383	Insects and worms as an alternative protein source in the halal food industry. , 2023, , 127-148.		0
384	The impact of full-fat <i>Hermetia illucens</i> larvae meal on the health and immune system function of broiler chickens. <i>Journal of Veterinary Research (Poland)</i> , 2023, 67, 197-207.	1.0	1
385	Elemental content of the commercial insect-based products available in the European Union. <i>Journal of Food Composition and Analysis</i> , 2023, 121, 105367.	3.9	2
386	Temperature-modulated host-pathogen interactions between <i>Hermetia illucens</i> L. (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102 T	3.2	0
387	Overview of larvae of red palm weevil, <i>Rhynchophorus ferrugineus</i> (Olivier) (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.9	4

#	ARTICLE	IF	CITATIONS
389	Towards a net-zero greenhouse gas emission egg industry: A review of relevant mitigation technologies and strategies, current emission reduction potential, and future research needs. Renewable and Sustainable Energy Reviews, 2023, 181, 113322.	16.4	6
390	Edible Insects in Thailand: An Overview of Status, Properties, Processing, and Utilization in the Food Industry. Foods, 2023, 12, 2162.	4.3	3
391	Different Diets Based on Yellow Mealworm (<i>Tenebrio molitor</i>)â€™Part B: Modification of the Intestinal Inflammatory Response and the Microbiota Composition of Rainbow Trout (<i>Oncorhynchus mykiss</i>). Fishes, 2023, 8, 284.	1.7	2
392	A Bibliometric Analysis of the Literature on Food Industry Supply Chain Resilience: Investigating Key Contributors and Global Trends. Sustainability, 2023, 15, 8812.	3.2	0
393	Predicting consumersâ€™ intention towards entomophagy using an extended theory of planned behavior: evidence from Myanmar. International Journal of Tropical Insect Science, 0, , .	1.0	0
394	Valorisation of industrial food waste into sustainable aquaculture feeds. Future Foods, 2023, 7, 100240.	5.4	4
395	Metabolic Modeling of <i>Hermetia illucens</i> Larvae Resource Allocation for High-Value Fatty Acid Production. Metabolites, 2023, 13, 724.	2.9	1
396	Social, Economic, Scientific and Environment Aspects of Entomophagy in 3D Food Printing. , 2023, , 191-203.		0
397	Insects as food and medicine: a sustainable solution for global health and environmental challenges. Frontiers in Nutrition, 0, 10, .	3.7	7
398	Effects of Biofermented Feed on <i>Zophobas morio</i> : Growth Ability, Fatty Acid Profile, and Bioactive Properties. Sustainability, 2023, 15, 9709.	3.2	2
399	Edible insects as ingredients in food products: nutrition, functional properties, allergenicity of insect proteins, and processing modifications. Critical Reviews in Food Science and Nutrition, 0, , 1-23.	10.3	4
400	Insect-derived materials for food packaging-A review. Food Packaging and Shelf Life, 2023, 38, 101097.	7.5	0
401	Lifecycle and Risk Assessment of Animal Manure Utilization. , 2023, , 241-262.		0
402	Scope and present status of rearing edible insects for animal feeding in Africa. International Journal of Transgender Health, 2023, 16, .	2.3	0
403	Sustainable Fish Feeds with Insects and Probiotics Positively Affect Freshwater and Marine Fish Gut Microbiota. Animals, 2023, 13, 1633.	2.3	7
404	Inhibition of DPP-IV Activity and Stimulation of GLP-1 Release by Gastrointestinally Digested Black Soldier Fly Prepupae. Foods, 2023, 12, 2027.	4.3	0
405	Why alternative proteins will not disrupt the meat industry. Meat Science, 2023, 203, 109223.	5.5	5
406	Insect-based agri-food waste valorization: Agricultural applications and roles of insect gut microbiota. Environmental Science and Ecotechnology, 2024, 17, 100287.	13.5	9

#	ARTICLE	IF	CITATIONS
407	Effect of yeast supplementation on growth parameters and metabolomics of black soldier fly larvae, <i>Hermetia illucens</i> (L.) (Diptera: Stratiomyidae). Journal of Insects As Food and Feed, 0, , 1-12.	3.9	2
408	Balanced replacement of fish meal with <i>Hermetia illucens</i> meal allows efficient hepatic nutrient metabolism and increases fillet lipid quality in gilthead sea bream (<i>Sparus aurata</i>). Aquaculture, 2023, 576, 739862.	3.5	3
409	Effects of Insect Consumption on Human Health: A Systematic Review of Human Studies. Nutrients, 2023, 15, 3076.	4.1	1
410	SEASONAL MONUMENTAL INSECTS ACCOMPANYING EUPHRATES POPLAR LEAVES. , 2020, 1, 49-60.		16
411	Suitability of maize crop residue fermented by <i>Pleurotus ostreatus</i> as feed for edible crickets: growth performance, micronutrient content, and iron bioavailability. Frontiers in Nutrition, 0, 10, .	3.7	0
412	Effect of Duckweed (<i>Spirodela polyrhiza</i>)-Supplemented Semolina on the Production Parameters and Nutrient Composition of Yellow Mealworm (<i>Tenebrio molitor</i>). Agriculture (Switzerland), 2023, 13, 1386.	3.1	0
413	Evaluating an emerging technology-based biorefinery for edible house crickets. Frontiers in Nutrition, 0, 10, .	3.7	1
414	Promoting insect farming and household consumption through agricultural training and nutrition education in Africa: A study protocol for a multisite cluster-randomized controlled trial. PLoS ONE, 2023, 18, e0288870.	2.5	0
415	Shape transformation of 4D printed edible insects triggered by thermal dehydration. Journal of Food Engineering, 2023, 358, 111666.	5.2	3
416	The nutritional profile, mineral content and heavy metal uptake of yellow mealworm reared with supplementation of agricultural sidestreams. Scientific Reports, 2023, 13, .	3.3	4
418	Waste to value: Global perspective on the impact of entomocomposting on environmental health, greenhouse gas mitigation and soil bioremediation. Science of the Total Environment, 2023, 902, 166067.	8.0	3
419	Unraveling the physicochemical attributes of three cricket (<i>Gryllus bimaculatus</i>)-enriched biscuit products and implications on consumers' preference and willingness to pay. LWT - Food Science and Technology, 2023, 185, 115171.	5.2	0
420	Encouraging willingness to try insect foods with a utility-value intervention. Appetite, 2023, 190, 107002.	3.7	1
421	Mating compatibility and offspring traits evaluation among different strains of <i>Tenebrio molitor</i> . Environmental Science and Pollution Research, 0, , .	5.3	0
422	Evaluation of alternative substrates for rearing the yellow mealworm <i>Tenebrio molitor</i> (L). International Journal of Tropical Insect Science, 0, , .	1.0	0
424	Enhancing Carotenoids' Efficacy by Using Chitosan-Based Delivery Systems. Nutraceuticals, 2023, 3, 451-480.	1.7	1
425	Transforming entomology to adapt to global concerns: 2021 student debates. Journal of Insect Science, 2023, 23, .	1.5	0
426	Designing nutrition-sensitive agriculture (NSA) interventions with multi-criteria decision analysis (MCDA): a review. Critical Reviews in Food Science and Nutrition, 0, , 1-20.	10.3	1

#	ARTICLE	IF	CITATIONS
427	The future of protein sources in livestock feeds: implications for sustainability and food safety. <i>Frontiers in Sustainable Food Systems</i> , 0, 7, .	3.9	4
428	Prospects of Insect Farming for Food Security, Environmental Sustainability, and as an Alternative to Agrochemical Use. <i>Sustainable Development and Biodiversity</i> , 2023, , 565-600.	1.7	0
430	Sustainability Perception of Italian Consumers: Is it Possible to Replace Meat, and What Is the Best Alternative?. <i>Nutrients</i> , 2023, 15, 3861.	4.1	0
431	From garbage to treasure: A review on biorefinery of organic solid wastes into valuable biobased products. <i>Bioresource Technology Reports</i> , 2023, 24, 101610.	2.7	3
432	A review of alternative proteins for vegan diets: Sources, physico-chemical properties, nutritional equivalency, and consumer acceptance. <i>Food Research International</i> , 2023, 173, 113479.	6.2	2
433	Biodiversity and the importance of insect diversity. , 2024, , 19-46.		0
434	Conjugation of lesser mealworm (<i>Alphitobius diaperinus</i>) larvae protein with polyphenols for the development of innovative antioxidant emulsifiers. <i>Food Chemistry</i> , 2024, 434, 137494.	8.2	1
435	Physicochemical characteristics and digestive properties of cell wall polysaccharides fractionated from sunflower meal. <i>International Journal of Food Science and Technology</i> , 2023, 58, 6306-6318.	2.7	0
436	Consumption and production of edible insects in an urban circularity context: Opinions and intentions of urban residents. <i>Sustainable Production and Consumption</i> , 2023, 42, 234-246.	11.0	1
437	Replacing the unsustainable and wild-caught fishmeal with field cricket (<i>Gryllus bimaculatus</i>) meal in Catla (<i>Catla catla</i>) fry diet: Effect for growth, in vivo digestibility, carcass composition, histopathological alterations, and disease tolerance. <i>Aquaculture International</i> , 0, , .	2.2	0
438	Editorial: Food of the future: insects. <i>Frontiers in Nutrition</i> , 0, 10, .	3.7	0
439	Legal situation and consumer acceptance of insects being eaten as human food in different nations across the worldâ€“A comprehensive review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2023, 22, 4786-4830.	11.7	1
440	Protein Alternatives for Use in Fish Feed â€“ Life Cycle Assessment of Black Soldier Fly, Yellow Mealworm and Soybean Protein. <i>Environmental and Climate Technologies</i> , 2023, 27, 581-592.	1.4	0
441	Edible Insects: A Study of the Availability of Insect-Based Food in Poland. <i>Sustainability</i> , 2023, 15, 14964.	3.2	2
442	Yeast extract improves growth in rainbow trout (<i>Oncorhynchus mykiss</i>) fed a fishmeal-free diet and modulates the hepatic and distal intestine transcriptomic profile. <i>Aquaculture</i> , 2024, 579, 740226.	3.5	2
443	EhetÅ‘ rovarok Å©lelmiszeripari Å©s takarmÃ¡nyozÃ¡si cÃ©lÃ¡ felhasznÃ¡lÃ¡sÃ¡nak lehetÅ‘sÃ©gei. <i>Elelmiszervizsgalati Kozlemenyek</i> , 2023, 69, 4410-4424.	0.1	0
444	Future Proteins: Sustainable Diets for <i>Tenebrio molitor</i> Rearing Composed of Food By-Products. <i>Foods</i> , 2023, 12, 4092.	4.3	3
445	Effect of <i>Hermetia illucens</i> Fat, Compared with That of Soybean Oil and Palm Oil, on Hepatic Lipid Metabolism and Plasma Metabolome in Healthy Rats. <i>Animals</i> , 2023, 13, 3356.	2.3	0

#	ARTICLE	IF	CITATIONS
446	Integrating insects into the agri-food system of northern Italy as a circular economy strategy. Sustainable Production and Consumption, 2023, 43, 181-193.	11.0	1
447	Effect of entomopathogenic fungus Beauveria bassiana on the growth characteristics and metabolism of black soldier fly larvae. Pesticide Biochemistry and Physiology, 2023, 197, 105684.	3.6	0
448	Improvement of Tenebrio molitor Larvae Farming and Fatty Acid Composition by Supplementation with Vegetable Waste. , 0, , .		0
449	Optimizing Animal Nutrition and Sustainability Through Precision Feeding: A Mini Review of Emerging Strategies and Technologies. Annals of Valahia University of Targoviste - Agriculture, 2023, 15, 7-11.	0.3	0
451	A Systematic Review and Metanalysis on the Use of Hermetia illucens and Tenebrio molitor in Diets for Poultry. Veterinary Sciences, 2023, 10, 702.	1.7	0
452	Sustainable Strategies to Increase the Content of Protein, Unsaturated Fatty Acids and Vitamins in Tenebrio molitor Larvae Flours through Vegetable Waste Supplementation. , 0, , .		0
453	Effect of blanching, storage and drying conditions on the macro-composition, color and safety of mealworm Tenebrio molitor larvae. LWT - Food Science and Technology, 2024, 191, 115646.	5.2	0
454	Organic Ingredients as Alternative Protein Sources in the Diet of Juvenile Organic Seabass (Dicentrarchus labrax). Animals, 2023, 13, 3816.	2.3	0
455	The Genome of the Yellow Mealworm, Tenebrio molitor: It's Bigger Than You Think. Genes, 2023, 14, 2209.	2.4	2
456	Black soldier fly larvae (Hermetica illucens) as a sustainable source of nutritive and bioactive compounds, and their consumption challenges. Animal Production Science, 2023, , .	1.3	0
457	Improvement of Printability Properties of High-Protein Food from Mealworm (Tenebrio molitor) Using Guar Gum for Sustainable Future Food Manufacturing. Sustainability, 2023, 15, 16937.	3.2	0
458	Quality evaluation of house cricket flour processed by electrohydrodynamic drying and pulsed electric fields treatment. Food Chemistry, 2024, 441, 138276.	8.2	0
459	Medicinal and Aromatic Plants as a Source of Potential Feed and Food Additives. , 2023, , 117-135.		0
460	The Role of Insects in Novel Sustainable Animal Production Systems. , 2023, , 137-172.		0
461	Feed Additives for Insect Production. , 2023, , 799-810.		0
462	Chemical composition, fatty acid profile, antioxidant content, and microbiological loads of lesser mealworm, mealworm, and superworm larvae. Italian Journal of Animal Science, 2024, 23, 125-137.	1.9	0
464	Black soldier fly larvae (Hermetia illucens) frass and sheddings as a compost ingredient. Frontiers in Sustainable Food Systems, 0, 7, .	3.9	0
465	From feed to functionality: Unravelling the nutritional composition and techno-functional properties of insect-based ingredients. Food Research International, 2024, 178, 113985.	6.2	1

#	ARTICLE	IF	CITATIONS
466	Functional applications of edible insects and derived ingredients in food products. , 2024, , 163-171.		0
467	Effects of Partial Replacement of Soybean with Local Alternative Sources on Growth, Blood Parameters, Welfare, and Economic Indicators of Local and Commercial Broilers. Animals, 2024, 14, 314.	2.3	0
468	Insect processing technologies. , 2024, , 67-92.		0
469	History of edible insects and future perspectives. , 2024, , 255-263.		0
470	Alternative Protein Sources of The Future: Plants. DÃ¼zce Ãœniversitesi Bilim Ve Teknoloji Dergisi, 2024, 12, 153-174.	0.7	0
471	Bioaccumulation and biotransformation of plasticisers diisononyl phthalate and di(2-ethylhexyl) terephthalate in black soldier fly larvae reared on (micro)plastic-contaminated food waste. , 0, 3, .		0
472	Prospects of rearing selected southern African swarming insects for animal feed: a review on insect farming and the economic value of edible insects. Agriculture and Food Security, 2024, 13, .	4.2	0
473	Long-Term Storage and Growth Control of the Edible Mealworm Species, Tenebrio molitor Linnaeus. Journal of Environmental Science International, 2024, 33, 97-102.	0.2	0
474	Regenerative edible insects for food, feed, and sustainable livelihoods in Nigeria: Consumption, potential and prospects. Future Foods, 2024, 9, 100309.	5.4	0
475	Biofuel production utilizing Tenebrio molitor: A sustainable approach for organic waste management. International Journal of Thermofluids, 2024, 22, 100603.	7.8	0
476	Advances in the insect industry within a circular bioeconomy context: a research agenda. Environmental Sciences Europe, 2024, 36, .	11.0	0
477	Improving Tenebrio molitor Growth and Nutritional Value through Vegetable Waste Supplementation. Foods, 2024, 13, 594.	4.3	1
478	Effect of Different Sowing Seasons, Growth Stages, Leaf Positions, and Soybean Varieties on the Growth of Clanis bilineata tsingtauica Mell Larvae. Agronomy, 2024, 14, 397.	3.0	0
479	The first report of the growth performance and environmental sustainability effects of dietary insect meal application on the Jardine River turtle (<i>Emydura subglobosa</i>). Annals of Animal Science, 2024, .	1.6	0
480	The global atlas of edible insects: analysis of diversity and commonality contributing to food systems and sustainability. Scientific Reports, 2024, 14, .	3.3	0
481	Improve aquaculture with insect meal. Science, 2024, 383, 838-838.	12.6	0
482	Python farming as a flexible and efficient form of agricultural food security. Scientific Reports, 2024, 14, .	3.3	0
483	Assessment of the information to consumers on insects-based products (Novel Food) sold by e-commerce in the light of the EU legislation: when labelling compliance becomes a matter of accuracy.. Food Control, 2024, 162, 110440.	5.5	0

#	ARTICLE	IF	CITATIONS
484	Novel foods, old issues: Metabarcoding revealed mislabeling in insect-based products sold by e-commerce on the EU market. Food Research International, 2024, 184, 114268.	6.2	0
485	Bio-economic potential of ethno-entomophagy and its therapeutics in India. Npj Science of Food, 2024, 8, .	5.5	0
486	Primary study on frass fertilizers from mass-reared insects: Species variation, heat treatment effects, and implications for soil application at laboratory scale. Journal of Environmental Management, 2024, 356, 120622.	7.8	0
487	Estimation of genetic parameters for the implementation of selective breeding in commercial insect production. Genetics Selection Evolution, 2024, 56, .	3.0	0