

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. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 5069-5073.	1.7	52
2	Decomposition of biowaste macronutrients, microbes, and chemicals in black soldier fly larval treatment: A review. <i>Waste Management</i> , 2018, 82, 302-318.	3.7	256
3	Insects as feed and the Sustainable Development Goals. <i>Journal of Insects As Food and Feed</i> , 2018, 4, 147-156.	2.1	59
4	Laying performance, blood profiles, nutrient digestibility and inner organs traits of hens fed an insect meal from <i>Hermetia illucens</i> larvae. <i>Research in Veterinary Science</i> , 2018, 120, 86-93.	0.9	63
5	Survey on Food Preferences of University Students: from Tradition to New Food Customs?. <i>Agriculture (Switzerland)</i> , 2018, 8, 155.	1.4	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</i>) Tj ETQq1 1 0Z84314 rgBT /Ove	1.7	77
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. <i>Aquaculture</i> , 2018, 496, 79-87.	1.7	77
8	The science of food security. <i>Npj Science of Food</i> , 2018, 2, 14.	2.5	190
9	Metabolic response of yellow mealworm larvae to two alternative rearing substrates. <i>Metabolomics</i> , 2019, 15, 113.	1.4	33
10	The roles of a Grandmother in African societies " please do not send them to old people"™s homes. <i>Journal of Global Health</i> , 2019, 9, 010306.	1.2	11
11	Transforming agricultural land use through marginal gains in the food system. <i>Global Environmental Change</i> , 2019, 57, 101932.	3.6	29
12	Edible Insects Processing: Traditional and Innovative Technologies. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019, 18, 1166-1191.	5.9	228
13	Impact of Naturally Contaminated Substrates on <i>Alphitobius diaperinus</i> and <i>Hermetia illucens</i> : Uptake and Excretion of Mycotoxins. <i>Toxins</i> , 2019, 11, 476.	1.5	26
14	Effect of moisture content on greenhouse gas and NH ₃ emissions from pig manure converted by black soldier fly. <i>Science of the Total Environment</i> , 2019, 697, 133840.	3.9	76
15	Examination of Short Supply Chains Based on Circular Economy and Sustainability Aspects. <i>Resources</i> , 2019, 8, 161.	1.6	63
16	An inclusive approach for organic waste treatment and valorisation using Black Soldier Fly larvae: A review. <i>Journal of Environmental Management</i> , 2019, 251, 109569.	3.8	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. <i>Animals</i> , 2019, 9, 187.	1.0	52
18	Australian Consumers™ Response to Insects as Food. <i>Agriculture (Switzerland)</i> , 2019, 9, 108.	1.4	61

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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.	2.7	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.	1.0	31
22	Possibilities for Engineered Insect Tissue as a Food Source. <i>Frontiers in Sustainable Food Systems</i> , 2019, 3, .	1.8	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.	1.0	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.	2.3	81
25	Country-Specific Sustainable Diets Using Optimization Algorithm. <i>Environmental Science & Technology</i> , 2019, 53, 7694-7703.	4.6	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.	1.0	44
27	Disgusting or Innovative-Consumer Willingness to Pay for Insect Based Burger Patties in Germany. <i>Sustainability</i> , 2019, 11, 1878.	1.6	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.	1.0	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.	1.6	82
32	Healthy, but Disgusting: An Investigation Into Consumersâ€™ Willingness to Try Insect Meat. <i>Journal of Economic Entomology</i> , 2019, 112, 1005-1010.	0.8	30
33	Nutrition in Relation to Organic Aquaculture: Sources and Strategies. , 2019, , 141-188.		2
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35	Edible insects and related products. , 2019, , 139-165.		0
36	How Might We Overcome â€Westernâ€™ Resistance to Eating Insects?. , 2019, , .		0

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39	Food and Economics. , 2019, , 49-72.		0
40	Food and Inequality. , 2019, , 73-97.		0
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42	Identity: Food, Affiliation, and Distinction. , 2019, , 129-154.		0
43	Food, Ritual, and Religion. , 2019, , 155-176.		0
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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.	1.1	21
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52	A Reflection of the Use of the Life Cycle Assessment Tool for Agri-Food Sustainability. Sustainability, 2019, 11, 71.	1.6	28
53	Dietary enrichment of edible insects with omega 3 fatty acids. Insect Science, 2020, 27, 500-509.	1.5	99
54	Yellow mealworm (<i>Tenebrio molitor</i> L.) 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.	0.8	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.	4.6	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.	4.2	86

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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.	2.7	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.	7.8	138
60	Benefits and food safety concerns associated with consumption of edible insects. <i>NFS Journal</i> , 2020, 18, 1-11.	1.9	196
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64	<i>Tenebrio molitor</i> Larvae Meal Affects the Cecal Microbiota of Growing Pigs. <i>Animals</i> , 2020, 10, 1151.	1.0	11
65	Mealworm (<i>Tenebrio molitor</i> Larvae) as an Alternative Protein Source for Monogastric Animal: A Review. <i>Animals</i> , 2020, 10, 2068.	1.0	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.	1.2	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.	1.3	74
68	Physicochemical Properties and Consumer Acceptance of Bread Enriched with Alternative Proteins. <i>Foods</i> , 2020, 9, 933.	1.9	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.	1.5	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.	2.1	239
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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.	1.9	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.	1.0	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.	7.8	65
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89	Future foods: a manifesto for research priorities in structural design of foods. <i>Food and Function</i> , 2020, 11, 1933-1945.	2.1	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.	1.7	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.	1.0	52
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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.	0.4	9
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111	Climate change: a natural streamliner towards entomophagy?. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 2133-2147.	0.4	3

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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.	0.5	5
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125	Exploring community knowledge, perception and practices of entomophagy in Kenya. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 2237-2246.	0.4	7
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129	Edible Insects: Preliminary Study about Perceptions, Attitudes, and Knowledge on a Sample of Portuguese Citizens. <i>Foods</i> , 2021, 10, 709.	1.9	21

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131	Rearing <i>Tenebrio molitor</i> and <i>Alphitobius diaperinus</i> Larvae on Seed Cleaning Process Byproducts. <i>Insects</i> , 2021, 12, 293.	1.0	22
132	Rasch Model for Assessing Propensity to Entomophagy. <i>Sustainability</i> , 2021, 13, 4346.	1.6	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.	1.0	21
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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.	1.0	2
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153	Bioactive properties of insect products for monogastric animals – a review. Journal of Insects As Food and Feed, 2022, 8, 1027-1040.	2.1	30
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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.	1.4	1
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