

Thomas Dubois

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

414
citations

933447

10
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-cost technology for recycling agro-industrial waste into nutrient-rich organic fertilizer using black soldier fly. <i>Waste Management</i> , 2021, 119, 183-194.	7.4	66
2	Exploring Black Soldier Fly Frass as Novel Fertilizer for Improved Growth, Yield, and Nitrogen Use Efficiency of Maize Under Field Conditions. <i>Frontiers in Plant Science</i> , 2020, 11, 574592.	3.6	60
3	Biopesticide Research and Product Development in Africa for Sustainable Agriculture and Food Security – Experiences From the International Centre of Insect Physiology and Ecology (icipe). <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	3.9	46
4	Nitrogen Fertilizer Equivalence of Black Soldier Fly Frass Fertilizer and Synchrony of Nitrogen Mineralization for Maize Production. <i>Agronomy</i> , 2020, 10, 1395.	3.0	39
5	Insights in the Global Genetics and Gut Microbiome of Black Soldier Fly, <i>Hermetia illucens</i> : Implications for Animal Feed Safety Control. <i>Frontiers in Microbiology</i> , 2020, 11, 1538.	3.5	34
6	Biochar and gypsum amendment of agro-industrial waste for enhanced black soldier fly larval biomass and quality frass fertilizer. <i>PLoS ONE</i> , 2020, 15, e0238154.	2.5	31
7	Measuring and modelling crop yield losses due to invasive insect pests under climate change. <i>Current Opinion in Insect Science</i> , 2022, 50, 100873.	4.4	28
8	Performance of Three Isolates of <i>Metarhizium Anisopliae</i> and Their Virulence against <i>Zeugodacus Cucurbitae</i> under Different Temperature Regimes, with Global Extrapolation of Their Efficiency. <i>Insects</i> , 2019, 10, 270.	2.2	23
9	A system dynamics model for pests and natural enemies interactions. <i>Scientific Reports</i> , 2021, 11, 1401.	3.3	18
10	Adoption of sustainable agricultural technologies for vegetable production in rural Tanzania: trade-offs, complementarities and diffusion. <i>International Journal of Agricultural Sustainability</i> , 2022, 20, 478-496.	3.5	11
11	Cropping Pattern Mapping in an Agro-Natural Heterogeneous Landscape Using Sentinel-2 and Sentinel-1 Satellite Datasets. <i>Agriculture (Switzerland)</i> , 2021, 11, 530.	3.1	11
12	Landscape Vegetation Productivity Influences Population Dynamics of Key Pests in Small Avocado Farms in Kenya. <i>Insects</i> , 2020, 11, 424.	2.2	8
13	OUP accepted manuscript. <i>Journal of Economic Entomology</i> , 2022, 115, 46-55.	1.8	8
14	An expert system for insect pest population dynamics prediction. <i>Computers and Electronics in Agriculture</i> , 2022, 198, 107124.	7.7	7
15	Expression of Resistance in <i>Amaranthus</i> spp. (Caryophyllales: Amaranthaceae): Effects of Selected Accessions on the Behaviour and Biology of the Amaranth Leaf-Webber, <i>Spoladea recurvalis</i> (Lepidoptera: Crambidae). <i>Insects</i> , 2018, 9, 62.	2.2	6
16	Use of earth observation satellite data to guide the implementation of integrated pest and pollinator management (IPPM) technologies in an avocado production system. <i>Remote Sensing Applications: Society and Environment</i> , 2021, 23, 100566.	1.5	6
17	Eco-climatic matching to guide foreign exploration and optimal release strategies for biological control agents of <i>Rastrococcus iceryoides</i> in Africa and Asia. <i>Biological Control</i> , 2021, 158, 104603.	3.0	3
18	Suitable models to describe the effect of temperature on conidial germination and mycelial growth of <i>Metarhizium anisopliae</i> and <i>Beauveria bassiana</i> . <i>Biocontrol Science and Technology</i> , 0, , 1-18.	1.3	3

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19	The Effects of Pest-Resistant Amaranth Accessions on the Performance of the Solitary Endoparasitoid <i>Apanteles hemara</i> (Hymenoptera: Braconidae) Against the Amaranth Leaf-Webber <i>Spoladea recurvalis</i> (Lepidoptera: Crambidae). <i>Environmental Entomology</i> , 2019, 48, 163-172.	1.4	2
20	Availability of Sentinel-2-based time-series observations: which vegetation phenology-based metrics perform best for mapping farming systems in complex landscapes?. <i>Remote Sensing Letters</i> , 2022, 13, 695-707.	1.4	2
21	A fungal-based pesticide does not harm pollination service provided by the African stingless bee <i>Meliponula ferruginea</i> on cucumber (<i>Cucumis sativus</i>). <i>Apidologie</i> , 2022, 53, .	2.0	2