

Yves Brostaux

List of Publications by Year in descending order

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68
papers

2,042
citations

304368

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253896

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69
all docs

69
docs citations

69
times ranked

2787
citing authors

#	ARTICLE	IF	CITATIONS
1	SIMREG, a tree-level distance-independent model to simulate forest dynamics and management from national forest inventory (NFI) data. <i>Ecological Modelling</i> , 2021, 440, 109382.	1.2	5
2	Identifying key pathways in manure and sewage management of dairy farming based on a quantitative typology: A case study in China. <i>Science of the Total Environment</i> , 2021, 760, 143326.	3.9	12
3	Mitigation of bark stripping on spruce: the need for red deer population control. <i>European Journal of Forest Research</i> , 2021, 140, 227-240.	1.1	14
4	Use of New Glycerol-Based Dendrimers for Essential Oils Encapsulation: Optimization of Stirring Time and Rate Using a Plackett–Burman Design and a Surface Response Methodology. <i>Foods</i> , 2021, 10, 207.	1.9	13
5	Appropriate Data Quality Checks Improve the Reliability of Values Predicted from Milk Mid-Infrared Spectra. <i>Animals</i> , 2021, 11, 533.	1.0	2
6	Validation of Dairy Cow Bodyweight Prediction Using Traits Easily Recorded by Dairy Herd Improvement Organizations and Its Potential Improvement Using Feature Selection Algorithms. <i>Animals</i> , 2021, 11, 1288.	1.0	6
7	Assessment of pre- and post-harvest anti-sprouting treatments to replace CIPC for potato storage. <i>Postharvest Biology and Technology</i> , 2021, 178, 111540.	2.9	18
8	Water stream heating dynamics around extreme temperature events: An innovative method combining GAM and differential equations. <i>Journal of Hydrology</i> , 2021, 601, 126600.	2.3	7
9	Can water level stations be used for thermal assessment in aquatic ecosystem?. <i>River Research and Applications</i> , 2020, 36, 960-973.	0.7	2
10	Composition, Seasonal Variation, and Biological Activities of Lantana camara Essential Oils from Côte d'Ivoire. <i>Molecules</i> , 2020, 25, 2400.	1.7	19
11	Virus Detection by High-Throughput Sequencing of Small RNAs: Large-Scale Performance Testing of Sequence Analysis Strategies. <i>Phytopathology</i> , 2019, 109, 488-497.	1.1	106
12	Evaluation of Î»-Carrageenan, CpG-ODN, Glycine Betaine, <i>Spirulina platensis</i> , and Ergosterol as Elicitors for Control of <i>Zymoseptoria tritici</i> in Wheat. <i>Phytopathology</i> , 2019, 109, 409-417.	1.1	23
13	EVALUATION OF THE SELF EFFICACY OF LEARNERS DURING INTENSIVE STATISTICAL TRAINING SESSIONS. <i>INTED Proceedings</i> , 2019, , .	0.0	0
14	The limited contribution of large trees to annual biomass production in an old-growth tropical forest. <i>Ecological Applications</i> , 2018, 28, 1273-1281.	1.8	14
15	Fourteen years of anthropization dynamics in the Uapaca bojeri Baill. forest of Madagascar. <i>Landscape and Ecological Engineering</i> , 2018, 14, 135-146.	0.7	6
16	Short-Term Effects of Tillage Practices and Crop Residue Exportation on Soil Organic Matter and Earthworm Communities in Silt Loam Arable Soil. , 2018, , 53-71.		4
17	Seed dispersal effectiveness of the western lowland gorilla (<i>Gorilla gorilla gorilla</i>) in Gabon. <i>African Journal of Ecology</i> , 2018, 56, 185-193.	0.4	6
18	Meat retail conditions within the establishments of Kigali city (Rwanda): bacteriological quality and risk factors for Salmonella occurrence. <i>Tropical Animal Health and Production</i> , 2018, 50, 537-546.	0.5	6

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19	How Far Can Consumer-Grade UAV RGB Imagery Describe Crop Production? A 3D and Multitemporal Modeling Approach Applied to Zea mays. Remote Sensing, 2018, 10, 1798.	1.8	22
20	Distance-independent tree basal area growth models for Norway spruce, Douglas-fir and Japanese larch in Southern Belgium. European Journal of Forest Research, 2017, 136, 193-204.	1.1	10
21	Could new information influence attitudes to foods supplemented with edible insects?. British Food Journal, 2017, 119, 2027-2039.	1.6	80
22	Consumption patterns, bacteriological quality and risk factors for Salmonella contamination in meat-based meals consumed outside the home in Kigali, Rwanda. Food Control, 2017, 73, 546-554.	2.8	11
23	Effects of <i>Apis mellifera</i> <i>adansonii</i> , L. 1758 (Apidae: Hymenoptera) pollination on yields of <i>Cucumeropsis mannii</i> (Naudin) in Kisangani, Democratic Republic of Congo. International Journal of Biological and Chemical Sciences, 2017, 11, 640.	0.1	1
24	Daily intake and bacteriological quality of meat consumed in the households of Kigali, Rwanda. Food Control, 2016, 69, 108-114.	2.8	7
25	Consumer acceptance of insect-based alternative meat products in Western countries. Food Quality and Preference, 2016, 52, 237-243.	2.3	348
26	archiDART: an R package for the automated computation of plant root architectural traits. Plant and Soil, 2016, 398, 351-365.	1.8	27
27	Light Response of Seedlings of a Central African Timber Tree Species, <i>Lophira alata</i> (Ochnaceae), and the Definition of Light Requirements. Biotropica, 2015, 47, 681-688.	0.8	2
28	How Tightly Linked Are Pericopsis elata (Fabaceae) Patches to Anthropogenic Disturbances in Southeastern Cameroon?. Forests, 2015, 6, 293-310.	0.9	20
29	Influence of rhizobacterial volatiles on the root system architecture and the production and allocation of biomass in the model grass Brachypodium distachyon (L.) P. Beauv.. BMC Plant Biology, 2015, 15, 195.	1.6	48
30	Tuta absoluta-induced plant volatiles: attractiveness towards the generalist predator Macrolophus pygmaeus. Arthropod-Plant Interactions, 2015, 9, 465-476.	0.5	53
31	Aggregation behavior of <i>Harmonia axyridis</i> under non-wintering conditions. Insect Science, 2015, 22, 670-678.	1.5	14
32	IS THE WESTERN LOWLAND GORILLA A GOOD GARDENER? EVIDENCE FOR DIRECTED DISPERSAL IN SOUTHEAST GABON. Bois Et Forets Des Tropiques, 2015, 324, 39.	0.2	4
33	Myzus persicae Feeding on Water Stressed-Arabidopsis Affects the Emission Profile of Plant Volatile Organic Compounds. Journal of Environment and Ecology, 2014, 5, 276.	0.2	2
34	<i>Plutella xylostella</i> (L.) infestations at varying temperatures induce the emission of specific volatile blends by <i>Arabidopsis thaliana</i> (L.) Heynh. Plant Signaling and Behavior, 2014, 9, e973816.	1.2	7
35	Soil contamination near a former Zn-Pb ore-treatment plant: Evaluation of deterministic factors and spatial structures at the landscape scale. Journal of Geochemical Exploration, 2014, 147, 107-116.	1.5	30
36	Edible Insects Acceptance by Belgian Consumers: Promising Attitude for Entomophagy Development. Journal of Sensory Studies, 2014, 29, 14-20.	0.8	283

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37	Associative Learning of <i>Nasonia vitripennis</i> Walker (Hymenoptera:Pteromalidae) to Methyldisulfanylmethane. Journal of Forensic Sciences, 2014, 59, 413-416.	0.9	6
38	Optimization of a formic/acetic acid delignification treatment on beech wood and its influence on the structural characteristics of the extracted lignins. Journal of Chemical Technology and Biotechnology, 2014, 89, 128-136.		16
39	Larval development sites of the main Culicoides species (Diptera: Ceratopogonidae) in northern Europe and distribution of coprophilic species larvae in Belgian pastures. Veterinary Parasitology, 2014, 205, 676-686.	0.7	25
40	Temperature regimes and aphid density interactions differentially influence VOC emissions in Arabidopsis. Arthropod-Plant Interactions, 2014, 8, 317.	0.5	13
41	Modeling recent bark stripping by red deer (<i>Cervus elaphus</i>) in South Belgium coniferous stands. Annals of Forest Science, 2013, 70, 309-318.	0.8	15
42	Electrophysiological and Behavioral Responses of <i>Thanatophilus sinuatus</i> Fabricius (Coleoptera: Silphidae) to Selected Cadaveric Volatile Organic Compounds. Journal of Forensic Sciences, 2013, 58, 917-923.	0.9	32
43	Use of response surface methodology for the optimization of the lipase-catalyzed synthesis of mannosyl myristate in pure ionic liquid. Process Biochemistry, 2013, 48, 1914-1920.	1.8	20
44	Modelling the top-height growth and site index of Norway spruce in Southern Belgium. Forest Ecology and Management, 2013, 298, 62-70.	1.4	21
45	Investigation of the influence of processing parameters on physicochemical properties of puff pastry margarines using surface response methodology. LWT - Food Science and Technology, 2013, 51, 225-232.	2.5	12
46	Impact of the extension of black leaf streak disease on banana susceptibility to post-harvest diseases. Fruits, 2013, 68, 351-365.	0.3	10
47	Occurrence of <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae) in field crops. European Journal of Entomology, 2013, 110, 285-292.	1.2	15
48	Medium effects on micropropagation and genetic stability of <i>Citrullus lanatus</i> ; oleaginous type. Agricultural Sciences, 2013, 04, 32-44.	0.2	1
49	Phenological patterns in a natural population of a tropical timber tree species, <i>Milicia excelsa</i> (Moraceae): Evidence of isolation by time and its interaction with feeding strategies of dispersers. American Journal of Botany, 2012, 99, 1453-1463.	0.8	26
50	Self-Assemblage and Quorum in the Earthworm <i>Eisenia fetida</i> (Oligochaete, Lumbricidae). PLoS ONE, 2012, 7, e32564.	1.1	20
51	Comparative Chemical and Molecular Variability of <i>Cananga odorata</i> (Lam.) Hook.f. & Thomson forma <i>genuina</i> (Ylang-Ylang) in the Western Indian Ocean Islands: Implication for Valorization. Chemistry and Biodiversity, 2012, 9, 1389-1402.	1.0	15
52	Testing semiochemicals from aphid, plant and conspecific: attraction of <i>Harmonia axyridis</i> . Insect Science, 2012, 19, 372-382.	1.5	29
53	Honeydew volatile emission acts as a kairomonal message for the Asian lady beetle <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae). Insect Science, 2012, 19, 498-506.	1.5	38
54	Role of long-chain hydrocarbons in the aggregation behaviour of <i>Harmonia axyridis</i> (Pallas) (Coleoptera: Coccinellidae). Journal of Insect Physiology, 2012, 58, 801-807.	0.9	29

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55	Carrion Beetles Visiting Pig Carcasses during Early Spring in Urban, Forest and Agricultural Biotopes of Western Europe. <i>Journal of Insect Science</i> , 2011, 11, 1-13.	0.6	48
56	Microorganisms from aphid honeydew attract and enhance the efficacy of natural enemies. <i>Nature Communications</i> , 2011, 2, 348.	5.8	152
57	A Semiochemical Slow-release Formulation in a Biological Control Approach to Attract Hoverflies. <i>Journal of Environment and Ecology</i> , 2011, 3, .	0.2	10
58	Effects of honey bee virus prevalence, <i>Varroa destructor</i> load and queen condition on honey bee colony survival over the winter in Belgium. <i>Journal of Apicultural Research</i> , 2011, 50, 195-202.	0.7	31
59	A regional inventory and monitoring setup to evaluate bark peeling damage by red deer (<i>Cervus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 2011, 181, 335-345.	1.3	12
60	Control of Apple Blue Mold by the Antagonistic Yeast <i>Pichia anomala</i> Strain K: Screening of UV Protectants for Preharvest Application. <i>Plant Disease</i> , 2011, 95, 311-316.	0.7	26
61	Évaluation d'une méthode d'échantillonnage passif pour la mesure des monoterpènes dans l'air intérieur. <i>Pollution Atmosphérique</i> , 2011, , .	0,1	0
62	Honey bee colony losses in Belgium during the 2008-9 winter. <i>Journal of Apicultural Research</i> , 2010, 49, 337-339.	0.7	27
63	A New Case of Consensual Decision: Collective Movement in Earthworms. <i>Ethology</i> , 2010, 116, 546-553.	0.5	37
64	Possible Influence of Surfactants and Proteins on the Efficiency of Contact Agar Microbiological Surface Sampling. <i>Journal of Food Protection</i> , 2010, 73, 2116-2122.	0.8	1
65	Potato (<i>Solanum tuberosum</i> L.) tuber physiological age index is a valid reference frame in postharvest ageing studies. <i>Postharvest Biology and Technology</i> , 2008, 50, 103-106.	2.9	25
66	Do spermathecal morphology and inter-mating interval influence paternity in the polyandrous beetle <i>Tribolium castaneum</i> ?. <i>Behaviour</i> , 2006, 143, 643-658.	0.4	8
67	Efficacy of diatomaceous earth formulations admixed with grain against populations of <i>Tribolium castaneum</i> . <i>Journal of Stored Products Research</i> , 2005, 41, 121-130.	1.2	72
68	Reproductive strategies of <i>Tribolium</i> flour beetles. <i>Journal of Insect Science</i> , 2005, 5, 33.	0.6	18