

# Frederic Francis

## List of Publications by Year in descending order

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185  
papers

6,811  
citations

57758

44  
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85541

71  
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196  
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196  
docs citations

196  
times ranked

6641  
citing authors

#	ARTICLE	IF	CITATIONS
1	Purification and Characterization of Trehalase From <i>Acyrtosiphon pisum</i> , a Target for Pest Control. <i>Protein Journal</i> , 2022, 41, 189-200.	1.6	6
2	Detection of <i>Alphitobius diaperinus</i> by Real-Time Polymerase Chain Reaction With a Single-Copy Gene Target. <i>Frontiers in Veterinary Science</i> , 2022, 9, 718806.	2.2	2
3	Can Insect Meal Replace Fishmeal? A Meta-Analysis of the Effects of Black Soldier Fly on Fish Growth Performances and Nutritional Values. <i>Animals</i> , 2022, 12, 1700.	2.3	10
4	Resistance to insecticides in <i>Anopheles gambiae</i> complex in West Africa: A review of the current situation and the perspectives for malaria control. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 1-13.	1.0	3
5	Insight into watery saliva proteomes of the grain aphid, <i>Sitobion avenae</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2021, 106, e21752.	1.5	9
6	Overview of <i>Bruchus rufimanus</i> Boheman 1833 (Coleoptera: Chrysomelidae): Biology, chemical ecology and semiochemical opportunities in integrated pest management programs. <i>Crop Protection</i> , 2021, 140, 105411.	2.1	12
7	Multi-approach comparative study of the two most prevalent genotypes of pea aphid <i>Acyrtosiphon pisum</i> (Hemiptera: Aphididae) in Chile. <i>Entomological Science</i> , 2021, 24, 55-67.	0.6	0
8	Forensic taphonomy: Characterization of the gravesoil chemistry using a multivariate approach combining chemical and volatile analyses. <i>Forensic Science International</i> , 2021, 318, 110569.	2.2	6
9	Differential thermal tolerance across life stages under extreme high temperatures crossed with feeding status in corn leaf aphid. <i>Ecological Entomology</i> , 2021, 46, 533-540.	2.2	4
10	Edible insects, what about the perceptions of Belgian youngsters?. <i>British Food Journal</i> , 2021, 123, 1985-2002.	2.9	12
11	Direct and Indirect Effect via Endophytism of Entomopathogenic Fungi on the Fitness of <i>Myzus persicae</i> and Its Ability to Spread PLRV on Tobacco. <i>Insects</i> , 2021, 12, 89.	2.2	4
12	Total replacement of fish meal by enriched fatty acid <i>Hermetia illucens</i> meal did not substantially affect growth parameters or innate immune status and improved whole body biochemical quality of Nile tilapia juveniles. <i>Aquaculture Nutrition</i> , 2021, 27, 880-896.	2.7	22
13	Genome-wide identification and characterization of the TPS gene family in wheat ( <i>Triticum aestivum</i> L.) and expression analysis in response to aphid damage. <i>Acta Physiologiae Plantarum</i> , 2021, 43, 1.	2.1	8
14	Diversity and abundance of soil-litter arthropods and their relationships with soil physicochemical properties under different land uses in Rwanda. <i>Biodiversity</i> , 2021, 22, 41-52.	1.1	5
15	$\delta^{13}$ -enrichment of <i>Hermetia illucens</i> (L. 1758) prepupae from oilseed byproducts. <i>Journal of the Saudi Society of Agricultural Sciences</i> , 2021, 20, 155-163.	1.9	7
16	An Improved Vermicomposting System Provides More Efficient Wastewater Use of Dairy Farms Using <i>Eisenia fetida</i> . <i>Agronomy</i> , 2021, 11, 833.	3.0	6
17	Comparative Proteomic Analysis of Sweet Orange Petiole Provides Insights Into the Development of Huanglongbing Symptoms. <i>Frontiers in Plant Science</i> , 2021, 12, 656997.	3.6	6
18	New slow release mixture of <i>Eucalyptus</i> $\alpha$ -caryophyllene with methyl salicylate to enhance aphid biocontrol efficacy in wheat ecosystem. <i>Pest Management Science</i> , 2021, 77, 3341-3348.	3.4	21



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37	Linking variety-dependent root volatile organic compounds in maize with differential infestation by wireworms. <i>Journal of Pest Science</i> , 2020, 93, 605-614.	3.7	8
38	Does the Infectious Status of Aphids Influence Their Preference Towards Healthy, Virus-Infected and Endophytically Colonized Plants?. <i>Insects</i> , 2020, 11, 435.	2.2	11
39	About lipid metabolism in <i>Hermetia illucens</i> (L. 1758): on the origin of fatty acids in prepupae. <i>Scientific Reports</i> , 2020, 10, 11916.	3.3	73
40	Bioclimatic zonation and potential distribution of <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) in South Kivu Province, DR Congo. <i>BMC Ecology</i> , 2020, 20, 66.	3.0	9
41	From Diverse Origins to Specific Targets: Role of Microorganisms in Indirect Pest Biological Control. <i>Insects</i> , 2020, 11, 533.	2.2	16
42	Biofilm Mode of Cultivation Leads to an Improvement of the Entomotoxic Patterns of Two <i>Aspergillus</i> Species. <i>Microorganisms</i> , 2020, 8, 705.	3.6	3
43	Effect of processing on herbicide residues and metabolite formation during traditional Chinese tofu production. <i>LWT - Food Science and Technology</i> , 2020, 131, 109707.	5.2	15
44	Screening of pesticide residues in Traditional Chinese Medicines using modified QuEChERS sample preparation procedure and LC-MS/MS analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1152, 122224.	2.3	18
45	Aphid Behavior on <i>Amaranthus hybridus</i> L. (Amaranthaceae) Associated with <i>Ocimum</i> spp. (Lamiaceae) as Repellent Plants. <i>Agronomy</i> , 2020, 10, 736.	3.0	2
46	Aphid Feeding on Plant Lectins Falling Virus Transmission Rates: A Multicase Study. <i>Journal of Economic Entomology</i> , 2020, 113, 1635-1639.	1.8	3
47	Biocidal activity of polylactic acid-based nano-formulated abamectin on <i>Acyrtosiphon pisum</i> (Hemiptera: Aphididae) and the aphid predator <i>Adalia bipunctata</i> (Coleoptera: Coccinellidae). <i>PLoS ONE</i> , 2020, 15, e0228817.	2.5	13
48	Genetic analysis and population structure of the <i>Anopheles gambiae</i> complex from different ecological zones of Burkina Faso. <i>Infection, Genetics and Evolution</i> , 2020, 81, 104261.	2.3	4
49	Proteomic Investigation on <i>Anopheles gambiae</i> in Burkina Faso Related to Insecticide Pressures from Different Climatic Regions. <i>Proteomics</i> , 2020, 20, e1900400.	2.2	1
50	Induced Systemic Resistance by a Plant Growth-Promoting Rhizobacterium Impacts Development and Feeding Behavior of Aphids. <i>Insects</i> , 2020, 11, 234.	2.2	19
51	Residues and enantioselective behavior of cyflumetofen from apple production. <i>Food Chemistry</i> , 2020, 321, 126687.	8.2	29
52	Behavioral and Electrophysiological Responses of the Fringed Larder Beetle <i>Dermestes frischii</i> to the Smell of a Cadaver at Different Decomposition Stages. <i>Insects</i> , 2020, 11, 238.	2.2	7
53	Control of <i>Dermanyssus gallinae</i> (De Geer 1778) and other mites with volatile organic compounds, a review. <i>Parasitology</i> , 2020, 147, 731-739.	1.5	17
54	Perennial Flowering Strips for Conservation Biological Control of Insect Pests: From Picking and Mixing Flowers to Tailored Functional Diversity. <i>Progress in Biological Control</i> , 2020, , 57-71.	0.5	11

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55	Proteomics based approach for edible insect fingerprinting in novel food: Differential efficiency according to selected model species. <i>Food Control</i> , 2020, 112, 107135.	5.5	8
56	Aphid Behavior on <i>Amaranthus hybridus</i> L. (Amaranthaceae) Associated with <i>Ocimum</i> spp. (Lamiaceae) as Repellent Plants. , 2020, , .		0
57	Vermiculture in animal farming: A review on the biological and nonbiological risks related to earthworms in animal feed. <i>Cogent Environmental Science</i> , 2019, 5, 1591328.	1.6	6
58	Effects of Host Plants Reared under Elevated CO <sub>2</sub> Concentrations on the Foraging Behavior of Different Stages of Corn Leaf Aphids <i>Rhopalosiphum maidis</i> . <i>Insects</i> , 2019, 10, 182.	2.2	11
59	Volatile Profile and Physico-Chemical Analysis of Acacia Honey for Geographical Origin and Nutritional Value Determination. <i>Foods</i> , 2019, 8, 445.	4.3	29
60	Protein Elicitor PeaT1 Efficiently Controlled Barley Yellow Dwarf Virus in Wheat. <i>Agriculture (Switzerland)</i> , 2019, 9, 193.	3.1	1
61	Differential wing polyphenism adaptation across life stages under extreme high temperatures in corn leaf aphid. <i>Scientific Reports</i> , 2019, 9, 8744.	3.3	8
62	Reduction of Plant Suitability for Corn Leaf Aphid (Hemiptera: Aphididae) Under Elevated Carbon Dioxide Condition. <i>Environmental Entomology</i> , 2019, 48, 935-944.	1.4	8
63	Optimization of black soldier fly ( <i>Hermetia illucens</i> ) artificial reproduction. <i>PLoS ONE</i> , 2019, 14, e0216160.	2.5	49
64	The taste of origin in a lady beetle: do males discriminate between females based on cuticular hydrocarbons?. <i>Physiological Entomology</i> , 2019, 44, 160-168.	1.5	1
65	Cuticular hydrocarbon composition does not allow <i>Harmonia axyridis</i> males to identify the mating status of sexual partners. <i>Entomologia Generalis</i> , 2019, 38, 211-224.	3.1	8
66	Aromatic plants of East Asia to enhance natural enemies towards biological control of insect pests. A review. <i>Entomologia Generalis</i> , 2019, 38, 275-315.	3.1	23
67	Detection and geographic distribution of seven facultative endosymbionts in two <i>Rhopalosiphum</i> aphid species. <i>MicrobiologyOpen</i> , 2019, 8, e00817.	3.0	23
68	Insight into Salivary Gland Proteomes of Two Polyphagous Stink Bugs: <i>Nezara viridula</i> L. and <i>Halyomorpha halys</i> Stål. <i>Proteomics</i> , 2019, 19, 1800436.	2.2	19
69	Plant-Mediated Interactions between Two Cereal Aphid Species: Promotion of Aphid Performance and Attraction of More Parasitoids by Infestation of Wheat with Phytotoxic Aphid <i>Schizaphis graminum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2763-2773.	5.2	20
70	Comparative transcriptome and histological analyses of wheat in response to phytotoxic aphid <i>Schizaphis graminum</i> and non-phytotoxic aphid <i>Sitobion avenae</i> feeding. <i>BMC Plant Biology</i> , 2019, 19, 547.	3.6	31
71	Silencing an essential gene involved in infestation and digestion in grain aphid through plant-mediated <i>scRNA</i> interference generates aphid-resistant wheat plants. <i>Plant Biotechnology Journal</i> , 2019, 17, 852-854.	8.3	38
72	Identification of flower functional traits affecting abundance of generalist predators in perennial multiple species wildflower strips. <i>Arthropod-Plant Interactions</i> , 2019, 13, 127-137.	1.1	23

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73	Limited cross reactivity among arginine kinase allergens from mealworm and cricket edible insects. <i>Food Chemistry</i> , 2019, 276, 714-718.	8.2	42
74	Impact of necrophagous insects on the emission of volatile organic compounds released during the decaying process. <i>Entomologia Generalis</i> , 2019, 39, 19-31.	3.1	7
75	Stingless Bees (Hymenoptera, Apoidea, Meliponini) from Gabon. , 2018, , 179-188.		1
76	Hygienic removal of freeze-killed brood does not predict <i>Varroa</i> -resistance traits in unselected stocks. <i>Journal of Apicultural Research</i> , 2018, 57, 292-299.	1.5	16
77	Proteins Identified from Saliva and Salivary Glands of the Chinese Gall Aphid <i>Schlechtendalia chinensis</i> . <i>Proteomics</i> , 2018, 18, e1700378.	2.2	32
78	Effect of household cooking techniques on the microbiological load and the nutritional quality of mealworms ( <i>Tenebrio molitor</i> L. 1758). <i>Food Research International</i> , 2018, 106, 503-508.	6.2	78
79	Identification of the Alarm Pheromone of Cowpea Aphid, and Comparison With Two Other Aphididae Species. <i>Journal of Insect Science</i> , 2018, 18, .	1.5	5
80	Performances of local poultry breed fed black soldier fly larvae reared on horse manure. <i>Animal Nutrition</i> , 2018, 4, 73-78.	5.1	62
81	Effect of flower traits and hosts on the abundance of parasitoids in perennial multiple species wildflower strips sown within oilseed rape ( <i>Brassica napus</i> ) crops. <i>Arthropod-Plant Interactions</i> , 2018, 12, 787-797.	1.1	33
82	Spatial diversification of agroecosystems to enhance biological control and other regulating services: An agroecological perspective. <i>Science of the Total Environment</i> , 2018, 621, 600-611.	8.0	68
83	Oviposition deterrent activity of basil plants and their essentials oils against <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae). <i>Environmental Science and Pollution Research</i> , 2018, 25, 29880-29888.	5.3	24
84	The interplay of climate and land use change affects the distribution of <i>EU</i> bumblebees. <i>Global Change Biology</i> , 2018, 24, 101-116.	9.5	84
85	Bioassays to Quantify Hygienic Behavior in Honey Bee ( <i>Apis Mellifera</i> L.) Colonies: A Review. <i>Journal of Apicultural Research</i> , 2018, 57, 663-673.	1.5	17
86	Residue and Dietary Risk Assessment of Chiral Cyflumetofen in Apple. <i>Molecules</i> , 2018, 23, 1060.	3.8	15
87	Aphid-hoverfly interactions under elevated CO <sub>2</sub> concentrations: oviposition and larval development. <i>Physiological Entomology</i> , 2018, 43, 245-250.	1.5	6
88	Flower Strips in Wheat Intercropping System: Effect on Pollinator Abundance and Diversity in Belgium. <i>Insects</i> , 2018, 9, 114.	2.2	28
89	Insects, The Next European Foodie Craze?. , 2018, , 353-361.		5
90	Cowpea aphid-plant interactions: endosymbionts and related salivary protein patterns. <i>Entomologia Experimentalis Et Applicata</i> , 2018, 166, 460-473.	1.4	13

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91	Protein value of two insects, subjected to various heat treatments, using growing rats and the protein digestibility-corrected amino acid score. <i>Journal of Insects As Food and Feed</i> , 2018, 4, 77-87.	3.9	39
92	Study of the Metatranscriptome of Eight Social and Solitary Wild Bee Species Reveals Novel Viruses and Bee Parasites. <i>Frontiers in Microbiology</i> , 2018, 9, 177.	3.5	60
93	Elevated CO <sub>2</sub> Concentrations Impact the Semiochemistry of Aphid Honeydew without Having a Cascade Effect on an Aphid Predator. <i>Insects</i> , 2018, 9, 47.	2.2	8
94	Physicochemical characterization of colored soluble protein fractions extracted from <i>Spirulina</i> ( <i>Spirulina platensis</i> ). <i>Food Science and Technology International</i> , 2018, 24, 651-663.	2.2	11
95	Dispersion of <i>Myzus persicae</i> and transmission of <i>Potato virus Y</i> under elevated CO <sub>2</sub> atmosphere. <i>Entomologia Experimentalis Et Applicata</i> , 2018, 166, 380-385.	1.4	11
96	Combining E- $\beta$ -farnesene and methyl salicylate release with wheat-pea intercropping enhances biological control of aphids in North China. <i>Biocontrol Science and Technology</i> , 2018, 28, 883-894.	1.3	10
97	Detection of <i>Hermetia illucens</i> by real-time PCR. <i>Journal of Insects As Food and Feed</i> , 2018, 4, 115-122.	3.9	16
98	Comparative aspects of cricket farming in Thailand, Cambodia, Lao People's Democratic Republic, Democratic Republic of the Congo and Kenya. <i>Journal of Insects As Food and Feed</i> , 2018, 4, 101-114.	3.9	30
99	Insect fatty acids: A comparison of lipids from three Orthopterans and <i>Tenebrio molitor</i> L. larvae. <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 337-340.	0.9	135
100	Elevated Carbon Dioxide Concentration Reduces Alarm Signaling in Aphids. <i>Journal of Chemical Ecology</i> , 2017, 43, 164-171.	1.8	17
101	The Odor of Death: An Overview of Current Knowledge on Characterization and Applications. <i>BioScience</i> , 2017, 67, 600-613.	4.9	53
102	Nine facultative endosymbionts in aphids. A review. <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 794-801.	0.9	82
103	Usutu virus, Belgium, 2016. <i>Infection, Genetics and Evolution</i> , 2017, 48, 116-119.	2.3	34
104	Pest regulation and support of natural enemies in agriculture: Experimental evidence of within field wildflower strips. <i>Ecological Engineering</i> , 2017, 98, 240-245.	3.6	62
105	Drawbacks and benefits of hygienic behavior in honey bees ( <i>Apis mellifera</i> L.): a review. <i>Journal of Apicultural Research</i> , 2017, 56, 366-375.	1.5	34
106	Betraying its presence: identification of the chemical signal released by <i>Tuta absoluta</i> -infested tomato plants that guide generalist predators toward their prey. <i>Arthropod-Plant Interactions</i> , 2017, 11, 111-120.	1.1	19
107	Generation of High-Amylose Rice through CRISPR/Cas9-Mediated Targeted Mutagenesis of Starch Branching Enzymes. <i>Frontiers in Plant Science</i> , 2017, 8, 298.	3.6	348
108	Effects of Wildflower Strips and an Adjacent Forest on Aphids and Their Natural Enemies in a Pea Field. <i>Insects</i> , 2017, 8, 99.	2.2	10

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109	Stress indicator gene expression profiles, colony dynamics and tissue development of honey bees exposed to sub-lethal doses of imidacloprid in laboratory and field experiments. <i>PLoS ONE</i> , 2017, 12, e0171529.	2.5	65
110	Wheat ( <i>Triticum aestivum</i> L.)-based intercropping systems for biological pest control. <i>Pest Management Science</i> , 2016, 72, 2193-2202.	3.4	88
111	Ability of <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae) to develop on alternative host plant species. <i>Canadian Entomologist</i> , 2016, 148, 434-442.	0.8	38
112	Impact of aphid alarm pheromone release on virus transmission efficiency: When pest control strategy could induce higher virus dispersion. <i>Journal of Virological Methods</i> , 2016, 235, 34-40.	2.1	13
113	Nutritional composition and rearing potential of the meadow grasshopper ( <i>Chorthippus parallelus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	18
114	Will climate change affect insect pheromonal communication?. <i>Current Opinion in Insect Science</i> , 2016, 17, 87-91.	4.4	49
115	Consumer acceptance of insect-based alternative meat products in Western countries. <i>Food Quality and Preference</i> , 2016, 52, 237-243.	4.6	348
116	Optimisation of a cheap and residential small-scale production of edible crickets with local by-products as an alternative protein-rich human food source in Ratanakiri Province, Cambodia. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 627-632.	3.5	42
117	Production of two entomopathogenic <i>Aspergillus</i> species and insecticidal activity against the mosquito <i>Culex quinquefasciatus</i> compared to <i>Metarhizium anisopliae</i> . <i>Biocontrol Science and Technology</i> , 2016, 26, 617-629.	1.3	12
118	Histopathological effects of <i>Aspergillus clavatus</i> (Ascomycota: Trichocomaceae) on larvae of the southern house mosquito, <i>Culex quinquefasciatus</i> (Diptera: Culicidae). <i>Fungal Biology</i> , 2016, 120, 489-499.	2.5	17
119	Molecular detection of six (endo-) symbiotic bacteria in Belgian mosquitoes: first step towards the selection of appropriate paratransgenesis candidates. <i>Parasitology Research</i> , 2016, 115, 1391-1399.	1.6	42
120	Earthworms <i>Eisenia fetida</i> affect the uptake of heavy metals by plants <i>Vicia faba</i> and <i>Zea mays</i> in metal-contaminated soils. <i>Applied Soil Ecology</i> , 2016, 104, 67-78.	4.3	57
121	La lutte contre les moustiques (Diptera: Culicidae): diversité des approches et application du contrôle biologique. <i>Canadian Entomologist</i> , 2015, 147, 476-500.	0.8	14
122	Creating Perennial Flower Strips: Think Functional!. <i>Agriculture and Agricultural Science Procedia</i> , 2015, 6, 95-101.	0.6	16
123	Climate Change and Tritrophic Interactions: Will Modifications to Greenhouse Gas Emissions Increase the Vulnerability of Herbivorous Insects to Natural Enemies?. <i>Environmental Entomology</i> , 2015, 44, 277-286.	1.4	43
124	Risques et valorisation des insectes dans l'alimentation humaine et animale. <i>Annales De La Societe Entomologique De France</i> , 2015, 51, 215-258.	0.9	11
125	Semiochemicals of <i>Rhagoletis</i> fruit flies: Potential for integrated pest management. <i>Crop Protection</i> , 2015, 78, 114-118.	2.1	41
126	Could alternative solanaceous hosts act as refuges for the tomato leafminer, <i>Tuta absoluta</i> ?. <i>Arthropod-Plant Interactions</i> , 2015, 9, 425-435.	1.1	30



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127	Orco mediates olfactory behaviors and winged morph differentiation induced by alarm pheromone in the grain aphid, <i>Sitobion avenae</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2015, 64, 16-24.	2.7	55
128	A fungal biofilm reactor based on metal structured packing improves the quality of a <i>Gla::GFP</i> fusion protein produced by <i>Aspergillus oryzae</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 6241-6254.	3.6	21
129	<i>Tuta absoluta</i> -induced plant volatiles: attractiveness towards the generalist predator <i>Macrolophus pygmaeus</i> . <i>Arthropod-Plant Interactions</i> , 2015, 9, 465-476.	1.1	53
130	Pathogenicity of <i>Aspergillus clavatus</i> produced in a fungal biofilm bioreactor toward <i>Culex quinquefasciatus</i> (Diptera: Culicidae). <i>Journal of Pesticide Sciences</i> , 2014, 39, 127-132.	1.4	8
131	Infestation Level Influences Oviposition Site Selection in the Tomato Leafminer <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae). <i>Insects</i> , 2014, 5, 877-884.	2.2	28
132	Aphid honeydew: An arrestant and a contact kairomone for <i>Episyrphus balteatus</i> (Diptera: Syrphidae) larvae and adults. <i>European Journal of Entomology</i> , 2014, 111, 237-242.	1.2	20
133	Edible Insects Acceptance by Belgian Consumers: Promising Attitude for Entomophagy Development. <i>Journal of Sensory Studies</i> , 2014, 29, 14-20.	1.6	283
134	Comparative analyses of salivary proteins from three aphid species. <i>Insect Molecular Biology</i> , 2014, 23, 67-77.	2.0	111
135	Role of larval host plant experience and solanaceous plant volatile emissions in <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae) host finding behavior. <i>Arthropod-Plant Interactions</i> , 2014, 8, 293.	1.1	18
136	Effect of entomopathogenic <i>Aspergillus</i> strains against the pea aphid, <i>Acyrtosiphon pisum</i> (Hemiptera: Aphididae). <i>Applied Entomology and Zoology</i> , 2014, 49, 453-458.	1.2	21
137	Influence of Garlic Intercropping or Active Emitted Volatiles in Releasers on Aphid and Related Beneficial in Wheat Fields in China. <i>Journal of Integrative Agriculture</i> , 2013, 12, 467-473.	3.5	32
138	Proteomic Investigation of Aphid Honeydew Reveals an Unexpected Diversity of Proteins. <i>PLoS ONE</i> , 2013, 8, e74656.	2.5	62
139	Identification and characterization of a new xylanase from Gram-positive bacteria isolated from termite gut ( <i>Reticulitermes santonensis</i> ). <i>Protein Expression and Purification</i> , 2012, 83, 117-127.	1.3	33
140	Aphid alarm pheromone: An overview of current knowledge on biosynthesis and functions. <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 155-163.	2.7	112
141	Salivary Glucose Oxidase from Caterpillars Mediates the Induction of Rapid and Delayed-Induced Defenses in the Tomato Plant. <i>PLoS ONE</i> , 2012, 7, e36168.	2.5	107
142	The functional significance of E- $\beta$ -Farnesene: Does it influence the populations of aphid natural enemies in the fields?. <i>Biological Control</i> , 2012, 60, 108-112.	3.0	32
143	Testing semiochemicals from aphid, plant and conspecific: attraction of <i>Harmonia axyridis</i> . <i>Insect Science</i> , 2012, 19, 372-382.	3.0	29
144	Microorganisms from aphid honeydew attract and enhance the efficacy of natural enemies. <i>Nature Communications</i> , 2011, 2, 348.	12.8	152

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145	Purification of a new fungal mannose-specific lectin from <i>Penicillium chrysogenum</i> and its aphicidal properties. <i>Fungal Biology</i> , 2011, 115, 1093-1099.	2.5	23
146	Study on the susceptibility of the bovine milk fat globule membrane proteins to enzymatic hydrolysis and organization of some of the proteins. <i>International Dairy Journal</i> , 2011, 21, 312-318.	3.0	45
147	Review An overview of odorant-binding protein functions in insect peripheral olfactory reception. <i>Genetics and Molecular Research</i> , 2011, 10, 3056-3069.	0.2	208
148	Characterization of a new $\beta$ -glucosidase/ $\beta$ -xylosidase from the gut microbiota of the termite ( <i>Reticulitermes santonensis</i> ). <i>FEMS Microbiology Letters</i> , 2011, 314, 147-157.	1.8	29
149	Combining intercropping with semiochemical releases: optimization of alternative control of <i>Sitobion avenae</i> in wheat crops in China. <i>Entomologia Experimentalis Et Applicata</i> , 2011, 140, 189-195.	1.4	29
150	Quantitative food webs of herbivore and related beneficial community in non-crop and crop habitats. <i>Biological Control</i> , 2011, 58, 103-112.	3.0	26
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157	Intraguild interactions and aphid predators: biological efficiency of <i>Harmonia axyridis</i> and <i>Episyrphus balteatus</i> . <i>Journal of Applied Entomology</i> , 2010, 134, 34-44.	1.8	18
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160	Attacks by a piercing-sucking insect ( <i>Myzus persicae</i> Sultzer) or a chewing insect ( <i>Leptinotarsa</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 compound release and oxylipin synthesis. <i>Journal of Experimental Botany</i> , 2009, 60, 1231-1240.	4.8	92
161	Effect of stinging nettle habitats on aphidophagous predators and parasitoids in wheat and green pea fields with special attention to the invader <i>Harmonia axyridis</i> Pallas (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 9	1.0	27
162	Structural features conferring dual Geranyl/Farnesyl diphosphate synthase activity to an aphid prenyltransferase. <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 707-716.	2.7	28

#	ARTICLE	IF	CITATIONS
163	Physicochemical Characteristics of Date Sap <i>â€œ</i> Lagmi <i>â€™</i> from Deglet Nour Palm ( <i>Phoenix</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	3.0	32
164	Discrimination of parasitized aphids by a hoverfly predator: effects on larval performance, foraging, and oviposition behavior. <i>Entomologia Experimentalis Et Applicata</i> , 2008, 128, 73-80.	1.4	26
165	Emission of alarm pheromone by nonâ€preyed aphid colonies. <i>Journal of Applied Entomology</i> , 2008, 132, 601-604.	1.8	24
166	Identification of aphid salivary proteins: a proteomic investigation of <i>Myzus persicae</i> . <i>Insect Molecular Biology</i> , 2008, 17, 165-174.	2.0	204
167	Characterization of a novel aphid prenyltransferase displaying dual geranyl/farnesyl diphosphate synthase activity. <i>FEBS Letters</i> , 2008, 582, 1928-1934.	2.8	47
168	Proteome analysis of the bovine milk fat globule: Enhancement of membrane purification. <i>International Dairy Journal</i> , 2008, 18, 885-893.	3.0	49
169	Predatory hoverflies select their oviposition site according to aphid host plant and aphid species. <i>Entomologia Experimentalis Et Applicata</i> , 2007, 125, 13-21.	1.4	48
170	Role of terpenes from aphid-infested potato on searching and oviposition behavior of <i>Episyrphus balteatus</i> . <i>Insect Science</i> , 2007, 14, 57.	3.0	62
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175	Characterization and tissue-specific expression of two lepidopteran farnesyl diphosphate synthase homologs: Implications for the biosynthesis of ethyl-substituted juvenile hormones. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 65, 742-758.	2.6	54
176	Is the (E)- $\hat{1}^2$ -farnesene only volatile terpenoid in aphids?. <i>Journal of Applied Entomology</i> , 2005, 129, 6-11.	1.8	134
177	Role of (E)- $\hat{1}^2$ -farnesene in systematic aphid prey location by <i>Episyrphus balteatus</i> larvae (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overl	1.2	66
178	Olfactory Responses to Aphid and Host Plant Volatile Releases: (E)- $\hat{1}$ -Farnesene an Effective Kairomone for the Predator <i>Adalia bipunctata</i> . <i>Journal of Chemical Ecology</i> , 2004, 30, 741-755.	1.8	147
179	Influence of prey host plant on a generalist aphidophagous predator: <i>Episyrphus balteatus</i> (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overl	1.2	30
180	Hoverfly Glutathione S-Transferases and Effect of Brassicaceae Secondary Metabolites. <i>Pesticide Biochemistry and Physiology</i> , 2001, 71, 170-177.	3.6	60

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181	Effects of allelochemicals from first (brassicaceae) and second (Myzus persicae and Brevicoryne) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	123
182	Effect of Aphid Host Plant on Development and Reproduction of the Third Trophic Level, the Predator <i>Adalia bipunctata</i> (Coleoptera: Coccinellidae). Environmental Entomology, 2001, 30, 947-952.	1.4	50
183	Influence of host plants on specialist / generalist aphids and on the development of <i>Adalia bipunctata</i> (Coleoptera: Coccinellidae). European Journal of Entomology, 2000, 97, 481-485.	1.2	42
184	Distribution of bumblebees across Europe. One Ecosystem, 0, 3, .	0.0	15
185	Repellent Effect of Basil (&em&gt;Ocimum&/em&gt; spp) on Pea Aphid (&em&gt;Acyrtosiphon) Tj ETQq1 1 0.784314 rgBT /Over		