Jean-Claude GrÃ©goire

List of Publications by Year
in descending order

102 papers	3,523 citations	159585 30 h-index	168389 53 g-index
104 all docs	104 docs citations	104 times ranked	3644 citing authors

#	Article	IF	Citations
1	A worldwide perspective of the legislation and regulations governing sentinel plants. Biological Invasions, 2020, 22, 353-362.	2.4	7
2	Bark Beetle Population Dynamics in the Anthropocene: Challenges and Solutions. Trends in Ecology and Evolution, 2019, 34, 914-924.	8.7	159
3	Pest categorisation of ArrhenodesÂminutus. EFSA Journal, 2019, 17, e05617.	1.8	1
4	Colonization of weakened trees by mass-attacking bark beetles: no penalty for pioneers, scattered initial distributions and final regular patterns. Royal Society Open Science, 2018, 5, 170454.	2.4	18
5	Guidance on quantitative pest risk assessment. EFSA Journal, 2018, 16, e05350.	1.8	195
6	Pest risk assessment of SpodopteraÂfrugiperda for the European Union. EFSA Journal, 2018, 16, e05351.	1.8	17
7	Pest categorisation of DendrolimusÂsibiricus. EFSA Journal, 2018, 16, e05301.	1.8	7
8	Pest categorisation of Little cherry pathogen (nonâ€EU isolates). EFSA Journal, 2017, 15, e04926.	1.8	3
9	Is Prey Specificity Constrained by Geography? Semiochemically Mediated Oviposition in Rhizophagus grandis (Coleoptera: Monotomidae) with Its Specific Prey, Dendroctonus micans (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 43, 778-793.	1.8	2
10	CitrusÂjunos as a host of citrus bacterial canker. EFSA Journal, 2017, 15, e04876.	1.8	0
11	Pest categorisation of Spodoptera frugiperda. EFSA Journal, 2017, 15, e04927.	1.8	27
12	Pest categorisation of Cadangâ€Cadang viroid. EFSA Journal, 2017, 15, e04928.	1.8	3
13	A risk categorisation and analysis of the geographic and temporal dynamics of the European import of plants for planting. Biological Invasions, 2017, 19, 3243-3257.	2.4	42
14	Pest categorisation of IpsÂamitinus. EFSA Journal, 2017, 15, e05038.	1.8	0
15	Protocol for the evaluation of data concerning the necessity of the application of insecticideâ€ active substances to control a serious danger to plant health which cannot be contained by other available means, including nonâ€chemical methods. EFSA Supporting Publications, 2017, 14, 1201E.	0.7	9
16	Pest categorisation of Dendroctonus micans. EFSA Journal, 2017, 15, e04880.	1.8	1
17	Pest categorisation of Witches' broom disease of lime (Citrus aurantifolia) phytoplasma. EFSA Journal, 2017, 15, e05027.	1.8	3
18	Pest categorisation of Palm lethal yellowing phytoplasmas. EFSA Journal, 2017, 15, e05028.	1.8	1

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19	Climate drivers of bark beetle outbreak dynamics in Norway spruce forests. Ecography, 2017, 40, 1426-1435.	4.5	209
20	Pest categorisation of IpsÂtypographus. EFSA Journal, 2017, 15, e04881.	1.8	4
21	Pest risk assessment of RadopholusÂsimilis for the EU territory. EFSA Journal, 2017, 15, e04879.	1.8	6
22	Pest categorisation of Hishimonus phycitis. EFSA Journal, 2017, 15, e05037.	1.8	2
23	Pest risk assessment of Diaporthe vaccinii for the EU territory. EFSA Journal, 2017, 15, e04924.	1.8	7
24	Pest categorisation of EntoleucaÂmammata. EFSA Journal, 2017, 15, e04925.	1.8	0
25	Pest categorisation of Anthonomus signatus. EFSA Journal, 2017, 15, e04882.	1.8	4
26	Spiny Prey, Fortunate Prey. Dorsal Spines Are an Asset in Intraguild Interactions among Lady Beetles. Frontiers in Ecology and Evolution, 2017, 5, .	2.2	6
27	Pest categorisation of Beet curly top virus (nonâ€EU isolates). EFSA Journal, 2017, 15, e04998.	1.8	2
28	Pest categorisation of Citrus tristeza virus (nonâ€European isolates). EFSA Journal, 2017, 15, e05031.	1.8	4
29	Pest risk assessment of Atropellis spp. for the EU territory. EFSA Journal, 2017, 15, e04877.	1.8	7
30	Pest risk assessment of EotetranychusÂlewisi for the EU territory. EFSA Journal, 2017, 15, e04878.	1.8	7
31	Pest categorisation of Ips sexdentatus. EFSA Journal, 2017, 15, e04999.	1.8	6
32	Susceptibility ofCitrusspp.,QuercusÂilexandVitisspp. toXylellaÂfastidiosastrain CoDiRO. EFSA Journal, 2016, 14, e04601.	1.8	1
33	Susceptibility of<i>PhoenixÂroebelenii</i>to<i>XylellaÂfastidiosa</i>. EFSA Journal, 2016, 14, e04600.	1.8	0
34	Modelling collective foraging in endemic bark beetle populations. Ecological Modelling, 2016, 337, 188-199.	2.5	7
35	Bacterial and fungal symbionts of parasitic<i>Dendroctonus</i>bark beetles. FEMS Microbiology Ecology, 2016, 92, fiw129.	2.7	36
36	Risk to plant health of Flavescence dorÃ©e for the EU territory. EFSA Journal, 2016, 14, e04603.	1.8	29

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37	Fallen treesâ€™ last stand against bark beetles. Forest Ecology and Management, 2016, 359, 44-50.	3.2	8
38	Comparative multilocus phylogeography of two Palaearctic spruce bark beetles: influence of contrasting ecological strategies on genetic variation. Molecular Ecology, 2015, 24, 1292-1310.	3.9	34
39	Cold tolerance of the predatory ladybird Cryptolaemus montrouzieri. BioControl, 2015, 60, 199-207.	2.0	15
40	Harmonia + and Pandora +: risk screening tools for potentially invasive plants, animals and their pathogens. Biological Invasions, 2015, 17, 1869-1883.	2.4	73
41	Economics and Politics of Bark Beetles. , 2015, , 585-613.		43
42	Natural History and Ecology of Bark Beetles. , 2015, , 1-40.		105
43	Phytosanitary inspection of woody plants for planting at European Union entry points: a practical enquiry. Biological Invasions, 2015, 17, 2403-2413.	2.4	42
44	Flying the nest: male dispersal and multiple paternity enables extrafamilial matings for the invasive bark beetle Dendroctonus micans. Heredity, 2014, 113, 327-333.	2.6	14
45	Prey range of the predatory ladybird Cryptolaemus montrouzieri. BioControl, 2014, 59, 729-738.	2.0	16
46	Rapid increase in dispersal during range expansion in the invasive ladybird <i>Harmonia axyridis</i>. Journal of Evolutionary Biology, 2014, 27, 508-517.	1.7	99
47	Exploiting fugitive resources: How long-lived is â€œfugitiveâ€? Fallen trees are a long-lasting reward for Ips typographus (Coleoptera, Curculionidae, Scolytinae). Forest Ecology and Management, 2014, 331, 129-134.	3.2	14
48	Dispersal potential of native and exotic predatory ladybirds as measured by a computer-monitored flight mill. BioControl, 2014, 59, 415-425.	2.0	24
49	A semi-artificial rearing system for the specialist predatory ladybird Cryptolaemus montrouzieri. BioControl, 2014, 59, 557-564.	2.0	19
50	Ecosystem services of mixed species forest stands and monocultures: comparing practitioners' and scientists' perceptions with formal scientific knowledge. Forestry, 2014, 87, 639-653.	2.3	44
51	Large-scale risk mapping of an eruptive bark beetle â€“ Importance of forest susceptibility and beetle pressure. Forest Ecology and Management, 2014, 318, 158-166.	3.2	47
52	Frost increases beech susceptibility to scolytine ambrosia beetles. Agricultural and Forest Entomology, 2013, 15, 157-167.	1.3	38
53	Assessment of the functional role of tree diversity: the multi-site FORBIO experiment. Plant Ecology and Evolution, 2013, 146, 26-35.	0.7	38
54	Effects of Two Varieties of Bacillus thuringiensis Maize on the Biology of Plodia interpunctella. Toxins, 2012, 4, 373-389.	3.4	10

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55	Effectiveness of the High Dose/Refuge Strategy for Managing Pest Resistance to Bacillus thuringiensis (Bt) Plants Expressing One or Two Toxins. Toxins, 2012, 4, 810-835.	3.4	27
56	The influence of acclimation, endosymbionts and diet on the supercooling capacity of the predatory bug Macrolophus pygmaeus. BioControl, 2012, 57, 643-651.	2.0	22
57	Invasive alien predator causes rapid declines of native European ladybirds. Diversity and Distributions, 2012, 18, 717-725.	4.1	226
58	Lengthening of Insect Development on Bt Zone Results in Adult Emergence Asynchrony: Does It Influence the Effectiveness of the High Dose/Refuge Zone Strategy?. Toxins, 2012, 4, 1323-1342.	3.4	8
59	Population dynamics in changing environments: the case of an eruptive forest pest species. Biological Reviews, 2012, 87, 34-51.	10.4	127
60	Low temperature tolerance and starvation ability of the oak processionary moth: implications in a context of increasing epidemics. Agricultural and Forest Entomology, 2012, 14, 239-250.	1.3	15
61	Trees Wantedâ€"Dead or Alive! Host Selection and Population Dynamics in Tree-Killing Bark Beetles. PLoS ONE, 2011, 6, e18274.	2.5	30
62	Alkaloids provide evidence of intraguild predation on native coccinellids by Harmonia axyridis in the field. Biological Invasions, 2011, 13, 1805-1814.	2.4	56
63	Larval performances and life cycle completion of the Siberian moth, Dendrolimus sibiricus (Lepidoptera: Lasiocampidae), on potential host plants in Europe: a laboratory study on potted trees. European Journal of Forest Research, 2011, 130, 1067-1074.	2.5	15
64	Impact of poplar water status on leaf-beetle (Chrysomela populi) survival and feeding. Annals of Forest Science, 2010, 67, 209-209.	2.0	3
65	Coniferous round wood imports from Russia and Baltic countries to Belgium. A pathway analysis for assessing risks of exotic pest insect introductions. Diversity and Distributions, 2008, 14, 318-328.	4.1	38
66	Intraguild predation by Harmonia axyridis on coccinellids revealed by exogenous alkaloid sequestration. Chemoecology, 2008, 18, 191-196.	1.1	41
67	Native and exotic coniferous species in Europe â€“ possible host plants for the potentially invasive Siberian moth,<i> Dendrolimus sibiricus</i>¹ Tschtv. (Lepidoptera, Lasiocampidae). EPPO Bulletin, 2008, 38, 259-263.	0.8	6
68	Kairomone traps: a tool for monitoring the invasive spruce bark beetle <i>Dendroctonus micans</i> (Coleoptera: Scolytinae) and its specific predator, <i>Rhizophagus grandis</i> (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 450 217 T	4.0	24
69	A North American invasive seed pest, Megastigmus spermotrophus (Wachtl) (Hymenoptera: Torymidae): Its populations and parasitoids in a European introduction zone. Biological Control, 2008, 44, 137-141.	3.0	9
70	Predator/prey ratios: a measure of bark-beetle population status influenced by stand composition in different French stands after the 1999 storms. Annals of Forest Science, 2006, 63, 301-308.	2.0	20
71	New occurrence of Ips duplicatus Sahlberg in Herstal (Liege, Belgium). EPPO Bulletin, 2006, 36, 529-530.	0.8	14
72	Occurrence of <i>Ips typographus</i> (Col., Scolytidae) along an urbanization gradient in Brussels, Belgium. Agricultural and Forest Entomology, 2005, 7, 161-167.	1.3	20

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73	Forecasting Cameraria ohridella invasion dynamics in recently invaded countries: from validation to prediction. Journal of Applied Ecology, 2005, 42, 805-813.	4.0	70
74	Post-storm surveys reveal large-scale spatial patterns and influences of site factors, forest structure and diversity in endemic bark-beetle populations. Landscape Ecology, 2005, 20, 35-49.	4.2	41
75	Biological differences reflect host preference in two parasitoids attacking the bark beetleIps typographus(Coleoptera: Scolytidae) in Belgium. Bulletin of Entomological Research, 2004, 94, 341-347.	1.0	8
76	Long-distance dispersal and human population density allow the prediction of invasive patterns in the horse chestnut leafminer Cameraria ohridella. Journal of Animal Ecology, 2004, 73, 459-468.	2.8	156
77	Can sales of infested timber be used to quantify attacks by Ips typographus (Coleoptera, Scolytidae)? A pilot study from Belgium. Annals of Forest Science, 2004, 61, 477-480.	2.0	7
78	Cleptoparasitism increases the host finding ability of a polyphagous parasitoid species, Rhopalicus tutela (Hymenoptera: Pteromalidae). Behavioral Ecology and Sociobiology, 2003, 55, 184-189.	1.4	9
79	Overview of development of an anti-attractant based technology for spruce protection against Ips typographus: From past failures to future success. Journal of Pest Science, 2003, 76, 89-99.	0.3	37
80	Visual, semi-quantitative assessments allow accurate estimates of leafminer population densities: an example comparing image processing and visual evaluation of damage by the horse chestnut leafminer Cameraria ohridella (Lep., Gracillariidae). Journal of Applied Entomology, 2003, 127, 354-359.	1.8	32
81	Marking bark beetle parasitoids within the host plant with rubidium for dispersal studies. Entomologia Experimentalis Et Applicata, 2003, 108, 107-114.	1.4	4
82	Site condition and predation influence a bark beetle's success: a spatially realistic approach. Agricultural and Forest Entomology, 2003, 5, 87-96.	1.3	24
83	Spatial pattern of invading Dendroctonus micans (Coleoptera: Scolytidae) populations in the United Kingdom. Canadian Journal of Forest Research, 2003, 33, 712-725.	1.7	27
84	Chromosome number in <i>Dendroctonus micans</i> and karyological divergence within the genus <i>Dendroctonus</i> (Coleoptera: Scolytidae). Canadian Entomologist, 2002, 134, 503-510.	0.8	10
85	Dose-dependent response and preliminary observations on attraction range of Ips typographus to pheromones at low release rates. Journal of Chemical Ecology, 2001, 27, 2425-2435.	1.8	20
86	Title is missing!. Integrated Pest Management Reviews, 2001, 6, 237-242.	0.1	57
87	Title is missing!. Integrated Pest Management Reviews, 2001, 6, 163-168.	0.1	13
88	Past attacks influence host selection by the solitary bark beetle Dendroctonus micans. Ecological Entomology, 2001, 26, 133-142.	2.2	25
89	Recapture of Ips typographus L. (Col., Scolytidae) with attractants of low release rates: localized dispersion and environmental influences. Agricultural and Forest Entomology, 2000, 2, 259-270.	1.3	29
90	Flight behaviour of Ips typographus L. (Col., Scolytidae) in an environment without pheromones. Annales Des Sciences ForestiÃ¨res, 1999, 56, 591-598.	1.2	19

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91	Mass trapping of the spruce bark beetle Ips typographus L.: traps or trap trees?. Forest Ecology and Management, 1995, 78, 191-205.	3.2	42
92	Take-off capacity as a criterion for quality control in mass-produced predators,Rhizophagus grandis (Col.: Rhizophagidae) for the biocontrol of bark beetles,Dendroctonus micans (Col.: Scolytidae). Entomophaga, 1994, 39, 385-395.	0.2	14
93	Root disturbance of common ash, Fraxinus excelsior (Oleaceae), leads to reduced foliar toughness and increased feeding by a folivorous weevil, Stereonychus fraxini (Coleoptera, Curculionidae). Ecological Entomology, 1994, 19, 344-348.	2.2	11
94	Turbulence, trees and semiochemicals: windâ€tunnel orientation of the predator, Rhizophagus grandis, to its barkbeetle prey, Dendroctonus micans. Physiological Entomology, 1993, 18, 204-210.	1.5	39
95	Orientation ofRhizophagus grandis (Coleoptera: Rhizophagidae) to oxygenated monoterpenes in a species-specific predator-prey relationship. Chemoecology, 1992, 3, 14-18.	1.1	27
96	Volatile compounds in the larval frass ofDendroctonus valens andDendroctonus micans (Coleoptera: Scolytidae) in relation to oviposition by the predator,Rhizophagus grandis (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	44
97	Kinetics of larval gregarious behavior in the bark beetleDendroctonus micans (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.7	67
98	The Toxicity of Norway Spruce Monoterpenes to Two Bark Beetle Species and Their Associates. , 1988, , 335-344.		30
99	The Greater European Spruce Beetle. , 1988, , 455-478.		64
100	Selective predation on chemically defended chrysomelid larvae. Journal of Chemical Ecology, 1984, 10, 1693-1700.	1.8	59
101	Receptor cells inIps typographus andDendroctonus micans specific to pheromones of the reciprocal genus. Journal of Chemical Ecology, 1984, 10, 759-769.	1.8	34
102	The Chemical Ecology of Defense in Arthropods. Annual Review of Entomology, 1983, 28, 263-289.	11.8	287