

Anne-Genevieve Bagneres

List of Publications by Year in descending order

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115
papers

4,495
citations

94433

37
h-index

155660

55
g-index

116
all docs

116
docs citations

116
times ranked

2215
citing authors

#	ARTICLE	IF	CITATIONS
1	Preface: Aquatic chemical ecology special issue. <i>Aquatic Ecology</i> , 2022, 56, 337-338.	1.5	1
2	Cuticular Hydrocarbons. , 2021, , 319-322.		0
3	Extensive human-mediated jump dispersal within and across the native and introduced ranges of the invasive termite <i>Reticulitermes flavipes</i> . <i>Molecular Ecology</i> , 2021, 30, 3948-3964.	3.9	19
4	Strong Gene Flow Undermines Local Adaptations in a Host Parasite System. <i>Insects</i> , 2020, 11, 585.	2.2	4
5	Cuticular Hydrocarbons. , 2020, , 1-4.		0
6	Cuticular hydrocarbons as cues of sex and health condition in <i>Polistes dominula</i> wasps. <i>Insectes Sociaux</i> , 2019, 66, 543-553.	1.2	19
7	Unbalanced biparental care during colony foundation in two subterranean termites. <i>Ecology and Evolution</i> , 2019, 9, 192-200.	1.9	19
8	Invasion Dynamics of A Termite, <i>Reticulitermes flavipes</i> , at Different Spatial Scales in France. <i>Insects</i> , 2019, 10, 30.	2.2	8
9	Cuticular Hydrocarbons. , 2019, , 1-4.		0
10	Potential spread of the invasive North American termite, <i>Reticulitermes flavipes</i> , and the impact of climate warming. <i>Biological Invasions</i> , 2018, 20, 905-922.	2.4	12
11	Spatial and genetic distribution of a north American termite, <i>Reticulitermes flavipes</i> , across the landscape of Paris. <i>Urban Ecosystems</i> , 2018, 21, 751-764.	2.4	9
12	Genetic diversity and invasion history of the European subterranean termite <i>Reticulitermes urbis</i> (Blattodea, Termitoidea, Rhinotermitidae). <i>Biological Invasions</i> , 2018, 20, 33-44.	2.4	4
13	Appeasing their hosts: a novel strategy for parasite brood. <i>Animal Behaviour</i> , 2018, 146, 123-134.	1.9	11
14	When predator odour makes groups stronger: effects on behavioural and chemical adaptations in two termite species. <i>Ecological Entomology</i> , 2018, 43, 513-524.	2.2	12
15	Lock-picks: fungal infection facilitates the intrusion of strangers into ant colonies. <i>Scientific Reports</i> , 2017, 7, 46323.	3.3	28
16	Chemical Heterogeneity in Inbred European Population of the Invasive Hornet <i>Vespa velutina nigrithorax</i> . <i>Journal of Chemical Ecology</i> , 2017, 43, 763-777.	1.8	19
17	An American termite in Paris: temporal colony dynamics. <i>Genetica</i> , 2017, 145, 491-502.	1.1	6
18	Termite's royal cradle: does colony foundation success differ between two subterranean species?. <i>Insectes Sociaux</i> , 2017, 64, 515-523.	1.2	8

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19	Divergence in Cuticular Chemical Signatures between Isolated Populations of an Intraspecific Social Parasite. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	2.2	5
20	Nest signature changes throughout colony cycle and after social parasite invasion in social wasps. <i>PLoS ONE</i> , 2017, 12, e0190018.	2.5	5
21	Subterranean termite phylogeography reveals multiple postglacial colonization events in southwestern Europe. <i>Ecology and Evolution</i> , 2016, 6, 5987-6004.	1.9	14
22	Historical biogeography of <i>Reticulitermes</i> termites (Isoptera: Rhinotermitidae) inferred from analyses of mitochondrial and nuclear loci. <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 778-790.	2.7	49
23	Spatial structuring of the population genetics of a European subterranean termite species. <i>Ecology and Evolution</i> , 2015, 5, 3090-3102.	1.9	9
24	Communication and Social Regulation in Termites. , 2015, , 193-248.		38
25	<i>Varroa destructor</i> changes its cuticular hydrocarbons to mimic new hosts. <i>Biology Letters</i> , 2015, 11, 20150233.	2.3	36
26	Population Diversity in Cuticular Hydrocarbons and mtDNA in a Mountain Social Wasp. <i>Journal of Chemical Ecology</i> , 2015, 41, 22-31.	1.8	28
27	Revision of the systematics of the genus <i>Calliptamus</i> Serville 1831, (Orthoptera: Acrididae:). <i>Tijdschrift voor Entomologie</i> , 2015, 51, 78-88.	0.9	1
28	Relationship between invasion success and colony breeding structure in a subterranean termite. <i>Molecular Ecology</i> , 2015, 24, 2125-2142.	3.9	36
29	Endocrine control of cuticular hydrocarbon profiles during worker-to-soldier differentiation in the termite <i>Reticulitermes flavipes</i> . <i>Journal of Insect Physiology</i> , 2014, 61, 25-33.	2.0	21
30	Evolutionary consequences of deception: Complexity and informational content of colony signature are favored by social parasitism. <i>Environmental Epigenetics</i> , 2014, 60, 137-148.	1.8	25
31	Clinal variation in colony breeding structure and level of inbreeding in the subterranean termites <i>Reticulitermes flavipes</i> and <i>Reticulitermes agrassei</i> . <i>Molecular Ecology</i> , 2013, 22, 1447-1462.	3.9	28
32	Global genetic analysis reveals the putative native source of the invasive termite, <i>Reticulitermes flavipes</i> , in France. <i>Molecular Ecology</i> , 2013, 22, 1105-1119.	3.9	50
33	Colony Breeding Structure of the Invasive Termite <i>Reticulitermes urbis</i> ; (Isoptera:). <i>Tijdschrift voor Entomologie</i> , 2013, 49, 1-10.	1.8	6
34	Changes in the Hydrocarbon Proportions of Colony Odor and Their Consequences on Nestmate Recognition in Social Wasps. <i>PLoS ONE</i> , 2013, 8, e65107.	2.5	17
35	Brood care and social evolution in termites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2662-2671.	2.6	60
36	Cleptoparasites, social parasites and a common host: Chemical insignificance for visiting host nests, chemical mimicry for living in. <i>Journal of Insect Physiology</i> , 2012, 58, 1259-1264.	2.0	38

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37	Endogenous synchronization of the chemical signature of Reticulitermes (Isoptera: Rhinotermitidae) worker termites. <i>Annales De La Societe Entomologique De France</i> , 2011, 47, 202-208.	0.9	8
38	Ontogenic potentialities of the worker caste in two sympatric subterranean termites in France. <i>Evolution & Development</i> , 2011, 13, 138-148.	2.0	17
39	Facultative social parasites mark host nests with branched hydrocarbons. <i>Animal Behaviour</i> , 2011, 82, 1143-1149.	1.9	25
40	Competition between invasive and indigenous species: an insular case study of subterranean termites. <i>Biological Invasions</i> , 2011, 13, 1457-1470.	2.4	61
41	Structure and analysis of insect hydrocarbons. , 2010, , 19-34.		52
42	Nestmate recognition in social insects and the role of hydrocarbons. , 2010, , 222-243.		289
43	Introduction: history and overview of insect hydrocarbons. , 2010, , 3-18.		58
44	Molecular biology and genetics of hydrocarbon production. , 2010, , 53-74.		31
45	Cuticular lipids and water balance. , 2010, , 100-120.		102
46	Chemical taxonomy with hydrocarbons. , 2010, , 121-162.		44
47	Contact recognition pheromones in spiders and scorpions. , 2010, , 344-374.		23
48	High occurrence of colony fusion in a European population of the American termite <i>Reticulitermes flavipes</i> . <i>Insectes Sociaux</i> , 2010, 57, 393-402.	1.2	54
49	Modifications of the Chemical Profile of Hosts after Parasitism Allow Parasitoid Females to Assess the Time Elapsed Since the First Attack. <i>Journal of Chemical Ecology</i> , 2010, 36, 513-521.	1.8	9
50	Parasitoids Modify Their Oviposition Behavior According to the Sexual Origin of Conspecific Cuticular Hydrocarbon Traces. <i>Journal of Chemical Ecology</i> , 2010, 36, 1092-1100.	1.8	15
51	Variations in Worker Cuticular Hydrocarbons and Soldier Isoprenoid Defensive Secretions Within and Among Introduced and Native Populations of the Subterranean Termite, <i>Reticulitermes flavipes</i> . <i>Journal of Chemical Ecology</i> , 2010, 36, 1189-1198.	1.8	37
52	Geographical distribution, genetic diversity and social organization of a new European termite, <i>Reticulitermes urbis</i> (Isoptera: Rhinotermitidae). <i>Biological Invasions</i> , 2010, 12, 1389-1402.	2.4	37
53	Kin recognition in the larvae of a solitary insect: the cue is in the plug. <i>Behavioral Ecology</i> , 2010, 21, 633-638.	2.2	3
54	Unicoloniality in <i>Reticulitermes urbis</i> : a novel feature in a potentially invasive termite species. <i>Bulletin of Entomological Research</i> , 2009, 99, 1-10.	1.0	33

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55	Contact Versus Feeding Intoxication by Fipronil in <i>Reticulitermes</i> Termites (Isoptera: Tj ETQq1 1 Individuals. <i>Journal of Economic Entomology</i> , 2009, 102, 347-356.	0.784314 1.8	rgBT /Over 28
56	OpenFluo: A free open-source software for optophysiological data analyses. <i>Journal of Neuroscience Methods</i> , 2009, 183, 195-201.	2.5	4
57	From speciation to introgressive hybridization: the phylogeographic structure of an island subspecies of termite, <i>Reticulitermes lucifugus corsicus</i> . <i>BMC Evolutionary Biology</i> , 2008, 8, 38.	3.2	27
58	Identification of a Widespread Monomolecular Odor Differentially Attractive to Several <i>Delia radicum</i> Ground-dwelling Predators in the Field. <i>Journal of Chemical Ecology</i> , 2007, 33, 2064-2077.	1.8	59
59	Cuticular Hydrocarbon Composition Reflects Genetic Relationship Among Colonies of the Introduced Termite <i>Reticulitermes santonensis</i> Feytaud. <i>Journal of Chemical Ecology</i> , 2006, 32, 1027-1042.	1.8	104
60	Genetic analysis of the breeding system of an invasive subterranean termite, <i>Reticulitermes santonensis</i> , in urban and natural habitats. <i>Molecular Ecology</i> , 2005, 14, 1311-1320.	3.9	90
61	The breeding system and population structure of the termite <i>Reticulitermes grassei</i> in Southwestern France. <i>Heredity</i> , 2005, 95, 408-415.	2.6	46
62	Genetic Evidence for the Synonymy of Two <i>Reticulitermes</i> Species: <i>Reticulitermes flavipes</i> and <i>Reticulitermes santonensis</i> . <i>Annals of the Entomological Society of America</i> , 2005, 98, 395-401.	2.5	78
63	Phylogeography of two European <i>Reticulitermes</i> (Isoptera) species: the Iberian refugium. <i>Molecular Ecology</i> , 2004, 13, 3099-3113.	3.9	42
64	Polymorphic microsatellite loci in the European subterranean termite, <i>Reticulitermes santonensis</i> Feytaud. <i>Molecular Ecology Notes</i> , 2004, 4, 127-129.	1.7	54
65	Regulation of cuticular and postpharyngeal hydrocarbons in the slave-making ant <i>Polyergus rufescens</i> : effect of <i>Formica rufibarbis</i> slaves. <i>Journal of Insect Physiology</i> , 2004, 50, 285-293.	2.0	9
66	Characterization of termite lipophorin and its involvement in hydrocarbon transport. <i>Journal of Insect Physiology</i> , 2004, 50, 609-620.	2.0	35
67	Colonial and geographic variations in agonistic behaviour, cuticular hydrocarbons and mtDNA of Italian populations of <i>Reticulitermes lucifugus</i> (Isoptera, Rhinotermitidae). <i>Insectes Sociaux</i> , 2004, 51, 163-170.	1.2	32
68	Origin of a new <i>Reticulitermes</i> termite (Isoptera, Rhinotermitidae) inferred from mitochondrial and nuclear DNA data. <i>Molecular Phylogenetics and Evolution</i> , 2004, 30, 344-353.	2.7	51
69	Dynamics of chemical mimicry in the social parasite wasp <i>Polistes semenowi</i> (Hymenoptera: Vespidae). <i>Parasitology</i> , 2004, 129, 643-651.	1.5	41
70	Interspecific variation in terpenoid composition of defensive secretions of European <i>Reticulitermes</i> termites. <i>Journal of Chemical Ecology</i> , 2003, 29, 639-652.	1.8	59
71	Cuticular hydrocarbons in workers of the slave-making ant <i>Polyergus samurai</i> and its slave, <i>Formica japonica</i> (Hymenoptera: Formicidae). <i>Entomological Science</i> , 2003, 6, 125-133.	0.6	16
72	Potential mechanism for detection by <i>Apis mellifera</i> of the parasitic mite <i>Varroa destructor</i> inside sealed brood cells. <i>Physiological Entomology</i> , 2002, 27, 175-188.	1.5	42

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73	Concealing identity and mimicking hosts: a dual chemical strategy for a single social parasite? (<i>Polistes atrimandibularis</i> , Hymenoptera: Vespidae). <i>Parasitology</i> , 2002, 125, 507-512.	1.5	43
74	A Comparative Genetic Analysis of the Subterranean Termite Genus <i>Reticulitermes</i> (Isoptera: Termitidae). <i>Journal of Insect Physiology</i> , 2001, 47, 107-115.	2.5	78
75	Intra-colony, inter-colony and seasonal variations of cuticular hydrocarbon profiles in <i>Formica japonica</i> (Hymenoptera, Formicidae). <i>Insectes Sociaux</i> , 2001, 48, 342-346.	1.2	27
76	Effect of age and sex on the production of internal and external hydrocarbons and pheromones in the housefly, <i>Musca domestica</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2001, 31, 139-155.	2.7	60
77	Variations in chemical mimicry by the ectoparasitic mite <i>Varroa jacobsoni</i> according to the developmental stage of the host honey-bee <i>Apis mellifera</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2001, 31, 365-379.	2.7	37
78	Biosystematics of <i>Reticulitermes</i> termites in Europe: morphological, chemical and molecular data. <i>Insectes Sociaux</i> , 2001, 48, 202-215.	1.2	124
79	Modifications of the cuticular hydrocarbon profile of <i>Apis mellifera</i> worker bees in the presence of the ectoparasitic mite <i>Varroa jacobsoni</i> in brood cells. <i>Parasitology</i> , 2001, 122, 145-59.	1.5	72
80	Modification of morphological characters and cuticular compounds in worker ants <i>Leptothorax nylanderi</i> induced by endoparasites <i>Anomotaenia brevis</i> . <i>Journal of Insect Physiology</i> , 2000, 46, 169-178.	2.0	32
81	Title is missing!. <i>Journal of Chemical Ecology</i> , 2000, 26, 765-789.	1.8	37
82	Title is missing!. <i>Journal of Chemical Ecology</i> , 1999, 25, 2267-2283.	1.8	22
83	Alkenes as a Sexual Pheromone in the Alfalfa Leaf-Cutter Bee <i>Megachile rotundata</i> . <i>Journal of Chemical Ecology</i> , 1999, 25, 471-490.	1.8	50
84	Artificial neural network modeling of caste odor discrimination based on cuticular hydrocarbons in termites. <i>Chemoecology</i> , 1998, 8, 201-209.	1.1	35
85	Plasticity of the Cuticular Hydrocarbon Profile of the Slave-Making Ant <i>Polyergus Rufescens</i> Depending on the Social Environment. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1997, 116, 287-302.	1.6	25
86	Differential adsorption of allospecific hydrocarbons by the cuticles of two termite species, <i>Reticulitermes santonensis</i> and <i>R. lucifugus grassei</i> , living in a mixed colony. <i>Journal of Insect Physiology</i> , 1997, 44, 59-66.	2.0	21
87	Contact Sex Signals in Two Sympatric Spider Species, <i>Tegenaria domestica</i> and <i>Tegenaria pagana</i> . <i>Journal of Chemical Ecology</i> , 1997, 23, 747-758.	1.8	46
88	<i>Polistes biglumis bimaculatus</i> epicuticular hydrocarbons and nestmate recognition (Hymenoptera, Vespidae). <i>Journal of Insect Physiology</i> , 1997, 43, 107-115.	1.2	66
89	Does group closure exist in the social spider <i>Anelosimus eximius</i> ? Behavioural and chemical approach. <i>Insectes Sociaux</i> , 1997, 44, 159-169.	1.2	33
90	Waxes of the social spider <i>Anelosimus eximius</i> (Araneae, Theridiidae): Abundance of novel n-propyl esters of long-chain methyl-branched fatty acids. <i>Archives of Insect Biochemistry and Physiology</i> , 1997, 36, 295-314.	1.5	18

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91	Selective adaptation of the cuticular hydrocarbon profiles of the slave-making ants <i>Polyergus rufescens</i> Latr. and their <i>Formica rufibarbis</i> Fab. and <i>F. Cunicularia</i> Latr. slaves. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1996, 113, 313-329.	1.6	37
92	Changes in cuticular compounds composition during the gregarious period and after dispersal of the young in <i>Tegenaria atrica</i> (Araneae, Agelenidae). <i>Insect Biochemistry and Molecular Biology</i> , 1996, 26, 77-84.	2.7	52
93	Chemical Usurpation of a Nest by Paper Wasp Parasites. <i>Science</i> , 1996, 272, 889-892.	12.6	95
94	Regulation of the chemical signatures of two termite species, <i>Reticulitermes santonensis</i> and <i>Reticulitermes lucifugus grassei</i> , living in mixed experimental colonies. <i>Journal of Insect Physiology</i> , 1996, 42, 309-321.	2.0	40
95	Role of plant volatiles in the search for a host by parasitoid <i>Diglyphus isaea</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 53)	1.8	53
96	Sex recognition in <i>Diglyphus isaea</i> walker (Hymenoptera: Eulophidae): Role of an uncommon family of behaviorally active compounds. <i>Journal of Chemical Ecology</i> , 1996, 22, 2063-2079.	1.8	25
97	Mechanism underlying cuticular hydrocarbon homogeneity in the ant <i>Camponotus vagus</i> (SCOP.) (Hymenoptera: Formicidae): Role of postpharyngeal glands. <i>Journal of Chemical Ecology</i> , 1995, 21, 1127-1148.	1.8	59
98	Cuticular hydrocarbons whereby <i>Messor barbarus</i> ant workers putatively discriminate between monogynous and polygynous colonies. Are workers labeled by queens?. <i>Journal of Chemical Ecology</i> , 1994, 20, 2985-3003.	1.8	30
99	Change in the chemical signature of the ant <i>Leptothorax lichtensteini bondroit</i> with time. <i>Insect Biochemistry and Molecular Biology</i> , 1993, 23, 945-957.	2.7	69
100	Cuticular hydrocarbons, social organization and ovarian development in a polistine wasp: <i>Polistes dominulus christ.</i> <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1991, 100, 667-680.	0.2	83
101	Species-specific secretions of the dufour glands of three species of formicine ants (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 1.3 17)	1.3	17
102	The postpharyngeal glands and the cuticle of Formicidae contain the same characteristic hydrocarbons. <i>Experientia</i> , 1991, 47, 106-111.	1.2	113
103	Volatile secretion of dufour gland of workers of an army ant, <i>Dorylus (Anomma) molestus</i> . <i>Journal of Chemical Ecology</i> , 1991, 17, 1633-1639.	1.8	16
104	Induced mimicry of colony odors in ants. <i>Journal of Chemical Ecology</i> , 1991, 17, 1641-1664.	1.8	68
105	Interspecific recognition among termites of the genus <i>Reticulitermes</i> : Evidence for a role for the cuticular hydrocarbons. <i>Journal of Chemical Ecology</i> , 1991, 17, 2397-2420.	1.8	111
106	Individual, geographical and experimental variation of cuticular hydrocarbons of the ant <i>cataglyphis cursor</i> (Hymenoptera: Formicidae): Their use in nest and subspecies recognition. <i>Biochemical Systematics and Ecology</i> , 1990, 18, 63-73.	1.3	123
107	Cuticular hydrocarbons and defensive compounds of <i>Reticulitermes flavipes</i> (Kollar) and <i>R. santonensis</i> (feytaud): Polymorphism and chemotaxonomy. <i>Journal of Chemical Ecology</i> , 1990, 16, 3213-3244.	1.8	108
108	A simple method for analysis of insect cuticular hydrocarbons. <i>Journal of Chemical Ecology</i> , 1990, 16, 3263-3276.	1.8	59

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109	Strategy for the analysis of cuticular hydrocarbon waxes from insects using gas chromatography/mass spectrometry with electron impact and chemical ionization. <i>Biomedical & Environmental Mass Spectrometry</i> , 1989, 18, 787-800.	1.6	16
110	Behavioral and evolutionary roles of cuticular hydrocarbons in Diptera. , 0, , 325-343.		41
111	Future directions in hydrocarbon research. , 0, , 477-485.		3
112	Site of synthesis, mechanism of transport and selective deposition of hydrocarbons. , 0, , 75-99.		32
113	Oxygenated derivatives of hydrocarbons. , 0, , 187-204.		12
114	Chemical deception/mimicry using cuticular hydrocarbons. , 0, , 282-324.		42
115	Géographie des termites souterraines en région Centre-Val de Loire: le risque d'une espèce invasive. <i>CyberGeo</i> , 0, , .	0.0	4