

Christophe Fr Lucas

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,164
citations

566801

15
h-index

580395

25
g-index

26
all docs

26
docs citations

26
times ranked

1195
citing authors

#	ARTICLE	IF	CITATIONS
1	Generalization of Courtship Learning in <i>Drosophila</i> Is Mediated by cis-Vaccenyl Acetate. <i>Current Biology</i> , 2007, 17, 599-605.	1.8	257
2	Social Experience Modifies Pheromone Expression and Mating Behavior in Male <i>Drosophila melanogaster</i> . <i>Current Biology</i> , 2008, 18, 1373-1383.	1.8	226
3	Molecular basis for changes in behavioral state in ant social behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6351-6356.	3.3	105
4	Sequential Learning of Pheromonal Cues Modulates Memory Consolidation in Trainer-Specific Associative Courtship Conditioning. <i>Current Biology</i> , 2005, 15, 194-206.	1.8	100
5	A multidisciplinary approach to discriminating different taxa in the species complex <i>Pachycondyla villosa</i> (Formicidae). <i>Biological Journal of the Linnean Society</i> , 2002, 75, 249-259.	0.7	56
6	Role of cuticular hydrocarbons in the chemical recognition between ant species in the <i>Pachycondyla villosa</i> species complex. <i>Journal of Insect Physiology</i> , 2005, 51, 1148-1157.	0.9	53
7	Hydrocarbon circulation and colonial signature in <i>Pachycondyla villosa</i> . <i>Journal of Insect Physiology</i> , 2004, 50, 595-607.	0.9	46
8	Molecular and social regulation of worker division of labour in fire ants. <i>Molecular Ecology</i> , 2014, 23, 660-672.	2.0	46
9	The locust <i>foraging</i> gene. <i>Archives of Insect Biochemistry and Physiology</i> , 2010, 74, 52-66.	0.6	44
10	Hydrocarbon distribution and colony odour homogenisation in <i>Pachycondyla apicalis</i> . <i>Insectes Sociaux</i> , 2003, 50, 212-217.	0.7	31
11	Lock-picks: fungal infection facilitates the intrusion of strangers into ant colonies. <i>Scientific Reports</i> , 2017, 7, 46323.	1.6	28
12	Paternal signature in kin recognition cues of a social insect: concealed in juveniles, revealed in adults. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141236.	1.2	23
13	Recognition in Ants: Social Origin Matters. <i>PLoS ONE</i> , 2011, 6, e19347.	1.1	21
14	Expression of <i>foraging</i> and <i>Gp</i> are associated with social organization in the fire ant <i>Solenopsis invicta</i> . <i>Insect Molecular Biology</i> , 2015, 24, 93-104.	1.0	20
15	Unbalanced biparental care during colony foundation in two subterranean termites. <i>Ecology and Evolution</i> , 2019, 9, 192-200.	0.8	19
16	The <i>foraging</i> gene as a modulator of division of labour in social insects. <i>Journal of Neurogenetics</i> , 2021, 35, 168-178.	0.6	15
17	Cues of Maternal Condition Influence Offspring Selfishness. <i>PLoS ONE</i> , 2014, 9, e87214.	1.1	13
18	When predator odour makes groups stronger: effects on behavioural and chemical adaptations in two termite species. <i>Ecological Entomology</i> , 2018, 43, 513-524.	1.1	12

#	ARTICLE	IF	CITATIONS
19	Worker ants promote outbreeding by transporting young queens to alien nests. <i>Communications Biology</i> , 2021, 4, 515.	2.0	11
20	Job switching in ants. <i>Communicative and Integrative Biology</i> , 2010, 3, 6-8.	0.6	9
21	Termite's royal cradle: does colony foundation success differ between two subterranean species?. <i>Insectes Sociaux</i> , 2017, 64, 515-523.	0.7	8
22	Vibratory behaviour produces different vibration patterns in presence of reproductives in a subterranean termite species. <i>Scientific Reports</i> , 2021, 11, 9902.	1.6	7
23	Reproductives and eggs trigger worker vibration in a subterranean termite. <i>Ecology and Evolution</i> , 2020, 10, 5892-5898.	0.8	6
24	Nest signature changes throughout colony cycle and after social parasite invasion in social wasps. <i>PLoS ONE</i> , 2017, 12, e0190018.	1.1	5
25	High Exploration Behavior of Termite Propagules Can Enhance Invasiveness. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	3