

Martin Bollazzi

List of Publications by Year in descending order

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papers

623
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687363

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	AntVideoRecord: Autonomous system to capture the locomotor activity of leafcutter ants. <i>HardwareX</i> , 2022, 11, e00270.	2.2	2
2	Recurring adaptive introgression of a supergene variant that determines social organization. <i>Nature Communications</i> , 2022, 13, 1180.	12.8	9
3	Decoupled evolution of mating biology and social structure in <i>Acromyrmex</i> leaf-cutting ants. <i>Behavioral Ecology and Sociobiology</i> , 2022, 76, 1.	1.4	1
4	Relaxed selection underlies genome erosion in socially parasitic ant species. <i>Nature Communications</i> , 2021, 12, 2918.	12.8	20
5	Carbon dioxide levels and ventilation in <i>Acromyrmex</i> nests: significance and evolution of architectural innovations in leaf-cutting ants. <i>Royal Society Open Science</i> , 2021, 8, 210907.	2.4	3
6	Landscape genomics of an obligate mutualism: Concordant and discordant population structures between the leafcutter ant <i>Atta texana</i> and its two main fungal symbiont types. <i>Molecular Ecology</i> , 2019, 28, 2831-2845.	3.9	18
7	Leaf-cutting ants use relative humidity and temperature but not CO ₂ levels as cues for the selection of an underground dumpsite. <i>Ecological Entomology</i> , 2019, 44, 502-511.	2.2	1
8	Ritualized aggressive behavior reveals distinct social structures in native and introduced range tawny crazy ants. <i>PLoS ONE</i> , 2019, 14, e0225597.	2.5	7
9	Underground nest building: the effect of CO ₂ on digging rates, soil transport and choice of a digging site in leaf-cutting ants. <i>Insectes Sociaux</i> , 2018, 65, 305-313.	1.2	8
10	Carbon dioxide sensing in the social context: Leaf-cutting ants prefer elevated CO ₂ levels to tend their brood. <i>Journal of Insect Physiology</i> , 2018, 108, 40-47.	2.0	10
11	Biogeography of mutualistic fungi cultivated by leafcutter ants. <i>Molecular Ecology</i> , 2017, 26, 6921-6937.	3.9	49
12	Carbon dioxide sensing in an obligate insect-fungus symbiosis: CO ₂ preferences of leaf-cutting ants to rear their mutualistic fungus. <i>PLoS ONE</i> , 2017, 12, e0174597.	2.5	22
13	First record of the eucalypt gall-wasp <i>Leptocybe invasa</i> (Hymenoptera: Eulophidae) from Uruguay. <i>Bosque</i> , 2016, 37, 631-636.	0.3	6
14	<i>Acromyrmex charruanus</i> : a new inquiline social parasite species of leaf-cutting ants. <i>Insectes Sociaux</i> , 2015, 62, 335-349.	1.2	24
15	Development and characterization of twenty-two polymorphic microsatellite markers for the leafcutter ant, <i>Acromyrmex lundii</i> , utilizing Illumina sequencing. <i>Conservation Genetics Resources</i> , 2014, 6, 319-322.	0.8	6
16	Ventilation of the giant nests of <i>Atta</i> leaf-cutting ants: does underground circulating air enter the fungus chambers?. <i>Insectes Sociaux</i> , 2012, 59, 487-498.	1.2	49
17	Information Needs at the Beginning of Foraging: Grass-Cutting Ants Trade Off Load Size for a Faster Return to the Nest. <i>PLoS ONE</i> , 2011, 6, e17667.	2.5	42
18	Control of nest water losses through building behavior in leaf-cutting ants (<i>Acromyrmex heyeri</i>). <i>Insectes Sociaux</i> , 2010, 57, 267-273.	1.2	31

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19	Leaf-cutting ant workers (<i>Acromyrmex heyeri</i>) trade off nest thermoregulation for humidity control. <i>Journal of Ethology</i> , 2010, 28, 399-403.	0.8	40
20	The Thermoregulatory Function of Thatched Nests in the South American Grass-Cutting Ant, <i>Acromyrmex heyeri</i> . <i>Journal of Insect Science</i> , 2010, 10, 1-17.	1.5	37
21	Soil temperature, digging behaviour, and the adaptive value of nest depth in South American species of <i>Acromyrmex</i> leaf-cutting ants. <i>Oecologia</i> , 2008, 158, 165-175.	2.0	97
22	To build or not to build: circulating dry air organizes collective building for climate control in the leaf-cutting ant <i>Acromyrmex ambiguus</i> . <i>Animal Behaviour</i> , 2007, 74, 1349-1355.	1.9	60
23	Thermal preference for fungus culturing and brood location by workers of the thatching grass-cutting ant <i>Acromyrmex heyeri</i> . <i>Insectes Sociaux</i> , 2002, 49, 153-157.	1.2	78