

# Jerome J Howard

## List of Publications by Year in descending order

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14  
papers

731  
citations

623734

14  
h-index

1058476

14  
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14  
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14  
docs citations

14  
times ranked

542  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leafcutting and Diet Selection: Relative Influence of Leaf Chemistry and Physical Features. <i>Ecology</i> , 1988, 69, 250-260.	3.2	109
2	Chemical Leaf Repellency to an Attine Ant: Seasonal Distribution Among Potential Host Plant Species. <i>Ecology</i> , 1984, 65, 1067-1076.	3.2	102
3	Leafcutting Ant Diet Selection: The Role of Nutrients, Water, and Secondary Chemistry. <i>Ecology</i> , 1987, 68, 503-515.	3.2	95
4	Toxicity of terpenoid deterrents to the leafcutting ant <i>Atta cephalotes</i> and its mutualistic fungus. <i>Journal of Chemical Ecology</i> , 1988, 14, 59-69.	1.8	77
5	Do Biochemical Exaptations Link Evolution of Plant Defense and Pollination Systems? Historical Hypotheses and Experimental Tests with <i>Dalechampia</i> Vines. <i>American Naturalist</i> , 1997, 149, 461-484.	2.1	73
6	Costs of trail construction and maintenance in the leaf-cutting ant <i>Atta columbica</i> . <i>Behavioral Ecology and Sociobiology</i> , 2001, 49, 348-356.	1.4	68
7	Infidelity of leafcutting ants to host plants: resource heterogeneity or defense induction?. <i>Oecologia</i> , 1990, 82, 394-401.	2.0	43
8	Central-place foraging continues beyond the nest entrance: the underground performance of leaf-cutting ants. <i>Animal Behaviour</i> , 2005, 70, 737-744.	1.9	30
9	Integrating microsatellite and pedigree analyses to facilitate the captive management of the endangered Mississippi sandhill crane ( <i>Grus canadensis pulla</i> ). <i>Zoo Biology</i> , 2012, 31, 322-335.	1.2	28
10	Comparative deterrence of two terpenoids to two genera of attine ants. <i>Journal of Chemical Ecology</i> , 1989, 15, 2279-2288.	1.8	27
11	Isolation, Growth Characteristics, and Long-Term Storage of Fungi Cultivated by Attine Ants. <i>Applied and Environmental Microbiology</i> , 1989, 55, 1346-1350.	3.1	26
12	Global optimization from suboptimal parts: foraging <i>sensu lato</i> by leaf-cutting ants. <i>Behavioral Ecology and Sociobiology</i> , 2005, 59, 234-242.	1.4	25
13	Optimality in a partitioned task performed by social insects. <i>Biology Letters</i> , 2008, 4, 627-629.	2.3	14
14	Isolation and characterization of 14 polymorphic microsatellite DNA loci for the endangered Whooping Crane ( <i>Grus americana</i> ) and their applicability to other crane species. <i>Conservation Genetics Resources</i> , 2010, 2, 251-254.	0.8	14