Marc A Seid

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The Loss of Sociality Is Accompanied by Reduced Neural Investment in Mushroom Body Volume in the Sweat Bee <i>Augochlora Pura</i> (Hymenoptera: Halictidae). Annals of the Entomological Society of America, 2021, 114, 637-642.	2.5	7
2	Experience, but not age, is associated with volumetric mushroom body expansion in solitary alkali bees. Journal of Experimental Biology, 2021, 224, .	1.7	9
3	Stimulus-dependent learning and memory in the neotropical ant <i>Ectatomma ruidum</i> . Journal of Experimental Biology, 2021, 224, .	1.7	5
4	Feeding specialization and longer generation time are associated with relatively larger brains in bees. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200762.	2.6	12
5	Brain differences between social castes precede group formation in a primitively eusocial bee. Die Naturwissenschaften, 2019, 106, 49.	1.6	9
6	Differential investment in brain regions for a diurnal and nocturnal lifestyle in Australian Myrmecia ants. Journal of Comparative Neurology, 2019, 527, 1261-1277.	1.6	31
7	Queen Dominance May Reduce Worker Mushroom Body Size in a Social Bee. Developmental Neurobiology, 2019, 79, 596-607.	3.0	8
8	Camponotus floridanus Ants Incur a Trade-Off between Phenotypic Development and Pathogen Susceptibility from Their Mutualistic Endosymbiont Blochmannia. Insects, 2018, 9, 58.	2.2	20
9	Social isolation and brain development in the ant Camponotus floridanus. Die Naturwissenschaften, 2016, 103, 42.	1.6	25
10	Morphine addiction in ants: a new model for self-administration and neurochemical analysis. Journal of Experimental Biology, 2016, 219, 2865-2869.	1.7	13
11	A MATHEMATICAL FRAMEWORK EXHIBITING THE EMERGENCE OF DYNAMIC EXPANSION OF TASK REPERTOIRE IN PHEIDOLE DENTATA. Journal of Biological Systems, 2016, 24, 217-235.	1.4	1
12	How embryos escape from danger: the mechanism of rapid, plastic hatching in red-eyed treefrogs. Journal of Experimental Biology, 2016, 219, 1875-1883.	1.7	27
13	Biogenic amines are associated with worker task but not patriline in the leaf-cutting ant Acromyrmex echinatior. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2013, 199, 1117-1127.	1.6	15
14	Evolution of brain size in class-based societies of fungus-growing ants (Attini). Animal Behaviour, 2012, 83, 1043-1049.	1.9	63
15	Endophytic fungi increase the processing rate of leaves by leafâ€cutting ants (<i>Atta</i>). Ecological Entomology, 2012, 37, 318-321.	2.2	30
16	The allometry of CNS size and consequences of miniaturization in orb-weaving and cleptoparasitic spiders. Arthropod Structure and Development, 2011, 40, 521-529.	1.4	51
17	The Allometry of Brain Miniaturization in Ants. Brain, Behavior and Evolution, 2011, 77, 5-13.	1.7	102
18	Socially induced brain development in a facultatively eusocial sweat bee <i>Megalopta genalis</i> (Halictidae). Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 2157-2163.	2.6	62

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19	Delayed axonal pruning in the ant brain: A study of developmental trajectories. Developmental Neurobiology, 2009, 69, 350-364.	3.0	33
20	Ultrastructure and synaptic differences of the boutons of the projection neurons between the lip and collar regions of the mushroom bodies in the ant, <i>Cataglyphis albicans</i> . Journal of Comparative Neurology, 2008, 507, 1102-1108.	1.6	24
21	Age―and subcasteâ€related patterns of serotonergic immunoreactivity in the optic lobes of the ant <i>Pheidole dentata</i> . Developmental Neurobiology, 2008, 68, 1325-1333.	3.0	46
22	Age-related repertoire expansion and division of labor in Pheidole dentata (Hymenoptera: Formicidae): a new perspective on temporal polyethism and behavioral plasticity in ants. Behavioral Ecology and Sociobiology, 2006, 60, 631-644.	1.4	128
23	Age-related changes in the number and structure of synapses in the lip region of the mushroom bodies in the antPheidole dentata. Journal of Comparative Neurology, 2005, 488, 269-277.	1.6	91
24	Age-related changes in biogenic amines in individual brains of the ant Pheidole dentata. Die Naturwissenschaften, 2005, 92, 198-201.	1.6	61