

# Marc A Seid

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

873  
citations

643344

15  
h-index

685536

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

704  
citing authors

#	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). <i>Annals of the Entomological Society of America</i> , 2021, 114, 637-642.	1.3	7
2	Experience, but not age, is associated with volumetric mushroom body expansion in solitary alkali bees. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	9
3	Stimulus-dependent learning and memory in the neotropical ant <i>Ectatomma ruidum</i> . <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	5
4	Feeding specialization and longer generation time are associated with relatively larger brains in bees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200762.	1.2	12
5	Brain differences between social castes precede group formation in a primitively eusocial bee. <i>Die Naturwissenschaften</i> , 2019, 106, 49.	0.6	9
6	Differential investment in brain regions for a diurnal and nocturnal lifestyle in Australian <i>Myrmecia</i> ants. <i>Journal of Comparative Neurology</i> , 2019, 527, 1261-1277.	0.9	31
7	Queen Dominance May Reduce Worker Mushroom Body Size in a Social Bee. <i>Developmental Neurobiology</i> , 2019, 79, 596-607.	1.5	8
8	<i>Camponotus floridanus</i> Ants Incur a Trade-Off between Phenotypic Development and Pathogen Susceptibility from Their Mutualistic Endosymbiont <i>Blochmannia</i> . <i>Insects</i> , 2018, 9, 58.	1.0	20
9	Social isolation and brain development in the ant <i>Camponotus floridanus</i> . <i>Die Naturwissenschaften</i> , 2016, 103, 42.	0.6	25
10	Morphine addiction in ants: a new model for self-administration and neurochemical analysis. <i>Journal of Experimental Biology</i> , 2016, 219, 2865-2869.	0.8	13
11	A MATHEMATICAL FRAMEWORK EXHIBITING THE EMERGENCE OF DYNAMIC EXPANSION OF TASK REPERTOIRE IN <i>PHEIDOLE DENTATA</i> . <i>Journal of Biological Systems</i> , 2016, 24, 217-235.	0.5	1
12	How embryos escape from danger: the mechanism of rapid, plastic hatching in red-eyed treefrogs. <i>Journal of Experimental Biology</i> , 2016, 219, 1875-1883.	0.8	27
13	Biogenic amines are associated with worker task but not patriline in the leaf-cutting ant <i>Acromyrmex echinator</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2013, 199, 1117-1127.	0.7	15
14	Evolution of brain size in class-based societies of fungus-growing ants ( <i>Attini</i> ). <i>Animal Behaviour</i> , 2012, 83, 1043-1049.	0.8	63
15	Endophytic fungi increase the processing rate of leaves by leaf-cutting ants ( <i>Atta</i> ). <i>Ecological Entomology</i> , 2012, 37, 318-321.	1.1	30
16	The allometry of CNS size and consequences of miniaturization in orb-weaving and cleptoparasitic spiders. <i>Arthropod Structure and Development</i> , 2011, 40, 521-529.	0.8	51
17	The Allometry of Brain Miniaturization in Ants. <i>Brain, Behavior and Evolution</i> , 2011, 77, 5-13.	0.9	102
18	Socially induced brain development in a facultatively eusocial sweat bee <i>Megalopta genalis</i> (Halictidae). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2157-2163.	1.2	62

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19	Delayed axonal pruning in the ant brain: A study of developmental trajectories. <i>Developmental Neurobiology</i> , 2009, 69, 350-364.	1.5	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> . <i>Journal of Comparative Neurology</i> , 2008, 507, 1102-1108.	0.9	24
21	Age- and subcaste-related patterns of serotonergic immunoreactivity in the optic lobes of the ant <i>Pheidole dentata</i> . <i>Developmental Neurobiology</i> , 2008, 68, 1325-1333.	1.5	46
22	Age-related repertoire expansion and division of labor in <i>Pheidole dentata</i> (Hymenoptera: Formicidae): a new perspective on temporal polyethism and behavioral plasticity in ants. <i>Behavioral Ecology and Sociobiology</i> , 2006, 60, 631-644.	0.6	128
23	Age-related changes in the number and structure of synapses in the lip region of the mushroom bodies in the ant <i>Pheidole dentata</i> . <i>Journal of Comparative Neurology</i> , 2005, 488, 269-277.	0.9	91
24	Age-related changes in biogenic amines in individual brains of the ant <i>Pheidole dentata</i> . <i>Die Naturwissenschaften</i> , 2005, 92, 198-201.	0.6	61