Sarah M Farris

List of Publications by Year
in descending order

28 papers	2,347 citations	257450 24 h-index	501196 28 g-index
28 all docs	28 docs citations	28 times ranked	1586 citing authors

#	Article	IF	Citations
1	The rise to dominance of genetic model organisms and the decline of curiosity-driven organismal research. PLoS ONE, 2020, 15, e0243088.	2.5	13
2	Insect societies and the social brain. Current Opinion in Insect Science, 2016, 15, 1-8.	4.4	52
3	Evolution and function of the insect mushroom bodies: contributions from comparative and model systems studies. Current Opinion in Insect Science, 2015, 12, 19-25.	4.4	27
4	Evolution of brain elaboration. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20150054.	4.0	33
5	Evolution of Complex Higher Brain Centers and Behaviors: Behavioral Correlates of Mushroom Body Elaboration in Insects. Brain, Behavior and Evolution, 2013, 82, 9-18.	1.7	77
6	Miniaturization of Nervous Systems and Neurons. Current Biology, 2012, 22, R323-R329.	3.9	88
7	Parasitoidism, not sociality, is associated with the evolution of elaborate mushroom bodies in the brains of hymenopteran insects. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 940-951.	2.6	132
8	A subpopulation of mushroom body intrinsic neurons is generated by protocerebral neuroblasts in the tobacco hornworm moth, Manduca sexta (Sphingidae, Lepidoptera). Arthropod Structure and Development, 2011, 40, 395-408.	1.4	8
9	Are mushroom bodies cerebellum-like structures?. Arthropod Structure and Development, 2011, 40, 368-379.	1.4	87
10	Locusts Provide Clues to Insect Mushroom Body Function. Brain, Behavior and Evolution, 2011, 77, 3-4.	1.7	3
11	Ground plan of the insect mushroom body: Functional and evolutionary implications. Journal of Comparative Neurology, 2009, 513, 265-291.	1.6	200
12	Metamorphosis and adult development of the mushroom bodies of the red flour beetle, Tribolium castaneum. Developmental Neurobiology, 2008, 68, 1487-1502.	3.0	39
13	Tritocerebral tract input to the insect mushroom bodies. Arthropod Structure and Development, 2008, 37, 492-503.	1.4	49
14	Structural, Functional and Developmental Convergence of the Insect Mushroom Bodies with Higher Brain Centers of Vertebrates. Brain, Behavior and Evolution, 2008, 72, 1-15.	1.7	51
15	Evolutionary Convergence of Higher Brain Centers Spanning the Protostome-Deuterostome Boundary. Brain, Behavior and Evolution, 2008, 72, 106-122.	1.7	44
16	Developmental organization of the mushroom bodies of Thermobia domestica (Zygentoma,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2005, 7, 150-159.	2.0	44
17	Evolution of insect mushroom bodies: old clues, new insights. Arthropod Structure and Development, 2005, 34, 211-234.	1.4	122
18	Coevolution of generalist feeding ecologies and gyrencephalic mushroom bodies in insects. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17394-17399.	7.1	129

#	Article	IF	Citations
19	Development and morphology of Class II Kenyon cells in the mushroom bodies of the honey bee, Apis mellifera. Journal of Comparative Neurology, 2004, 474, 325-339.	1.6	60
20	Development and evolution of the insect mushroom bodies: towards the understanding of conserved developmental mechanisms in a higher brain center. Arthropod Structure and Development, 2003, 32, 79-101.	1.4	101
21	A unique mushroom body substructure common to basal cockroaches and to termites. Journal of Comparative Neurology, 2003, 456, 305-320.	1.6	56
22	Limits on volume changes in the mushroom bodies of the honey bee brain. Journal of Neurobiology, 2003, 57, 141-151.	3.6	69
23	Experience- and Age-Related Outgrowth of Intrinsic Neurons in the Mushroom Bodies of the Adult Worker Honeybee. Journal of Neuroscience, 2001, 21, 6395-6404.	3.6	268
24	Development of laminar organization in the mushroom bodies of the cockroach: Kenyon cell proliferation, outgrowth, and maturation. Journal of Comparative Neurology, 2001, 439, 331-351.	1.6	62
25	Taurine-, aspartate- and glutamate-like immunoreactivity identifies chemically distinct subdivisions of Kenyon cells in the cockroach mushroom body. Journal of Comparative Neurology, 2001, 439, 352-367.	1.6	68
26	Ontogeny of orientation flight in the honeybee revealed by harmonic radar. Nature, 2000, 403, 537-540.	27.8	289
27	Experience-Expectant Plasticity in the Mushroom Bodies of the Honeybee. Learning and Memory, 1998, 5, 115-123.	1.3	124
28	Expansion of the neuropil of the mushroom bodies in male honey bees is coincident with initiation of flight. Neuroscience Letters, 1997, 236, 135-138.	2.1	52