

Jason Scott Snyder

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

4,066
citations

430874

18
h-index

395702

33
g-index

46
all docs

46
docs citations

46
times ranked

4544
citing authors

#	ARTICLE	IF	CITATIONS
1	Adult hippocampal neurogenesis buffers stress responses and depressive behaviour. <i>Nature</i> , 2011, 476, 458-461.	27.8	1,225
2	A role for adult neurogenesis in spatial long-term memory. <i>Neuroscience</i> , 2005, 130, 843-852.	2.3	762
3	Inhibition of neurogenesis interferes with hippocampusâ€dependent memory function. <i>Hippocampus</i> , 2006, 16, 296-304.	1.9	514
4	Adult-Born Hippocampal Neurons Are More Numerous, Faster Maturing, and More Involved in Behavior in Rats than in Mice. <i>Journal of Neuroscience</i> , 2009, 29, 14484-14495.	3.6	371
5	Anatomical gradients of adult neurogenesis and activity: Young neurons in the ventral dentate gyrus are activated by water maze training. <i>Hippocampus</i> , 2009, 19, 360-370.	1.9	188
6	The effects of exercise and stress on the survival and maturation of adultâ€generated granule cells. <i>Hippocampus</i> , 2009, 19, 898-906.	1.9	164
7	Recalibrating the Relevance of Adult Neurogenesis. <i>Trends in Neurosciences</i> , 2019, 42, 164-178.	8.6	147
8	Could adult hippocampal neurogenesis be relevant for human behavior?. <i>Behavioural Brain Research</i> , 2012, 227, 384-390.	2.2	100
9	Late Maturation of Adult-Born Neurons in the Temporal Dentate Gyrus. <i>PLoS ONE</i> , 2012, 7, e48757.	2.5	81
10	Adult-Born Hippocampal Neurons Undergo Extended Development and Are Morphologically Distinct from Neonatally-Born Neurons. <i>Journal of Neuroscience</i> , 2020, 40, 5740-5756.	3.6	56
11	A Transgenic Rat for Specifically Inhibiting Adult Neurogenesis. <i>ENeuro</i> , 2016, 3, ENEURO.0064-16.2016.	1.9	47
12	Early survival and delayed death of developmentallyâ€born dentate gyrus neurons. <i>Hippocampus</i> , 2017, 27, 1155-1167.	1.9	42
13	Septo-temporal gradients of neurogenesis and activity in 13-month-old rats. <i>Neurobiology of Aging</i> , 2011, 32, 1149-1156.	3.1	35
14	Complementary activation of hippocampalâ€cortical subregions and immature neurons following chronic training in single and multiple context versions of the water maze. <i>Behavioural Brain Research</i> , 2012, 227, 330-339.	2.2	34
15	Functional neurogenesis over the years. <i>Behavioural Brain Research</i> , 2020, 382, 112470.	2.2	34
16	Dentate gyrus neurons that are born at the peak of development, but not before or after, die in adulthood. <i>Brain and Behavior</i> , 2019, 9, e01435.	2.2	33
17	Questioning human neurogenesis. <i>Nature</i> , 2018, 555, 315-316.	27.8	28
18	Adult Neurogenesis Is Necessary to Refine and Maintain Circuit Specificity. <i>Journal of Neuroscience</i> , 2014, 34, 13801-13810.	3.6	26

#	ARTICLE	IF	CITATIONS
19	Pathfinder: open source software for analyzing spatial navigation search strategies. <i>F1000Research</i> , 2019, 8, 1521.	1.6	21
20	Running promotes spatial bias independently of adult neurogenesis. <i>Hippocampus</i> , 2017, 27, 871-882.	1.9	17
21	Differential Effects of Extended Exercise and Memantine Treatment on Adult Neurogenesis in Male and Female Rats. <i>Neuroscience</i> , 2018, 390, 241-255.	2.3	17
22	Measurement of 11-dehydrocorticosterone in mice, rats and songbirds: Effects of age, sex and stress. <i>General and Comparative Endocrinology</i> , 2019, 281, 173-182.	1.8	16
23	Adult neurogenesis promotes efficient, nonspecific search strategies in a spatial alternation water maze task. <i>Behavioural Brain Research</i> , 2019, 376, 112151.	2.2	15
24	Hippocampal neurogenesis promotes preference for future rewards. <i>Molecular Psychiatry</i> , 2021, 26, 6317-6335.	7.9	14
25	A role for neurogenesis in probabilistic reward learning.. <i>Behavioral Neuroscience</i> , 2020, 134, 283-295.	1.2	13
26	Pathfinder: open source software for analyzing spatial navigation search strategies. <i>F1000Research</i> , 2019, 8, 1521.	1.6	13
27	Intact memory for local and distal cues in male and female rats that lack adult neurogenesis. <i>PLoS ONE</i> , 2018, 13, e0197869.	2.5	12
28	Prolonged development of long-term potentiation at lateral entorhinal cortex synapses onto adult-born neurons. <i>PLoS ONE</i> , 2021, 16, e0253642.	2.5	9
29	Sex Differences in the Spatial Behavior Functions of Adult-Born Neurons in Rats. <i>ENeuro</i> , 2022, 9, ENEURO.0054-22.2022.	1.9	8
30	A combination of running and memantine increases neurogenesis and reduces activation of developmentally-born dentate granule neurons in rats. <i>Behavioural Brain Research</i> , 2019, 372, 112005.	2.2	5
31	Electroconvulsive Shock, but Not Transcranial Magnetic Stimulation, Transiently Elevates Cell Proliferation in the Adult Mouse Hippocampus. <i>Cells</i> , 2021, 10, 2090.	4.1	4
32	Cover Image, Volume 27, Issue 8. <i>Hippocampus</i> , 2017, 27, C1.	1.9	1
33	Stressful experiences differentially regulate immediate-early genes and stress hormone receptors in immature and mature dentate gyrus neurons. <i>Matters Select</i> , 0, , .	3.0	1