Andrew P Maurer

List of Publications by Year
in descending order

44 papers	1,816 citations	361045 20 h-index	315357 38 g-index

52 all docs	52 docs citations	52 times ranked	1657 citing authors

#	Article	IF	Citations
1	A Direct Comparison of Theta Power and Frequency to Speed and Acceleration. Journal of Neuroscience, 2022, 42, 4326-4341.	1.7	18
2	Rodent mnemonic similarity task performance requires the prefrontal cortex. Hippocampus, 2021, 31, 701-716.	0.9	9
3	The Continuity of Context: A Role for the Hippocampus. Trends in Cognitive Sciences, 2021, 25, 187-199.	4.0	44
4	Spectrum Degradation of Hippocampal LFP During Euthanasia. Frontiers in Systems Neuroscience, 2021, 15, 647011.	1.2	5
5	Dopamine Transporter Is a Master Regulator of Dopaminergic Neural Network Connectivity. Journal of Neuroscience, 2021, 41, 5453-5470.	1.7	12
6	Acute vagus nerve stimulation enhances reversal learning in rats. Neurobiology of Learning and Memory, 2021, 184, 107498.	1.0	11
7	Recalling Lashley and reconsolidating Hebb. Hippocampus, 2020, 30, 776-793.	0.9	21
8	Cover Image, Volume 30, Issue 8. Hippocampus, 2020, 30, .	0.9	0
9	An investigation into the nonlinear coupling between CA1 layers and the dentate gyrus.. Behavioral Neuroscience, 2020, 134, 491-515.	0.6	7
10	Floating ideas on theta waves.. Behavioral Neuroscience, 2020, 134, 471-474.	0.6	2
11	Methamphetamine regulation of activity and topology of ventral midbrain networks. PLoS ONE, 2019, 14, e0222957.	1.1	13
12	The perirhinal cortex supports spatial intertemporal choice stability. Neurobiology of Learning and Memory, 2019, 162, 36-46.	1.0	9
13	Methodological Considerations on the Use of Different Spectral Decomposition Algorithms to Study Hippocampal Rhythms. ENeuro, 2019, 6, ENEURO.0142-19.2019.	0.9	28
14	The Antiepileptic Ketogenic Diet Alters Hippocampal Transporter Levels and Reduces Adiposity in Aged Rats. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 450-458.	1.7	40
15	Perforant Path Fiber Loss Results in Mnemonic Discrimination Task Deficits in Young Rats. Frontiers in Systems Neuroscience, 2018, 12, 61.	1.2	13
16	A Ketogenic Diet Improves Cognition and Has Biochemical Effects in Prefrontal Cortex That Are Dissociable From Hippocampus. Frontiers in Aging Neuroscience, 2018, 10, 391.	1.7	79
17	Dissociable effects of advanced age on prefrontal cortical and medial temporal lobe ensemble activity. Neurobiology of Aging, 2018, 70, 217-232.	1.5	28
18	Experience-Dependent Effects of Muscimol-Induced Hippocampal Excitation on Mnemonic Discrimination. Frontiers in Systems Neuroscience, 2018, 12, 72.	1.2	8

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19	Wave Turbulence and Energy Cascade in the Hippocampus. Frontiers in Systems Neuroscience, 2018, 12, 62.	1.2	24
20	Impaired discrimination with intact crossmodal association in aged rats: A dissociation of perirhinal cortical-dependent behaviors.. Behavioral Neuroscience, 2018, 132, 138-151.	0.6	7
21	Entorhinal-CA3 Dual-Input Control of Spike Timing in the Hippocampus by Theta-Gamma Coupling. Neuron, 2017, 93, 1213-1226.e5.	3.8	233
22	Rodent ageâ€related impairments in discriminating perceptually similar objects parallel those observed in humans. Hippocampus, 2017, 27, 759-776.	0.9	45
23	Decline of prefrontal cortical-mediated executive functions but attenuated delay discounting in aged Fischer 344ÂÃ— brown Norway hybrid rats. Neurobiology of Aging, 2017, 60, 141-152.	1.5	29
24	Attenuated Activity across Multiple Cell Types and Reduced Monosynaptic Connectivity in the Aged Perirhinal Cortex. Journal of Neuroscience, 2017, 37, 8965-8974.	1.7	13
25	Medial prefrontal-perirhinal cortical communication is necessary for flexible response selection. Neurobiology of Learning and Memory, 2017, 137, 36-47.	1.0	44
26	Age-related Changes in Lateral Entorhinal and CA3 Neuron Allocation Predict Poor Performance on Object Discrimination. Frontiers in Systems Neuroscience, 2017, 11, 49.	1.2	47
27	Nonuniform allocation of hippocampal neurons to place fields across all hippocampal subfields. Hippocampus, 2016, 26, 1328-1344.	0.9	24
28	Network Patterns Associated with Navigation Behaviors Are Altered in Aged Nonhuman Primates. Journal of Neuroscience, 2016, 36, 12217-12227.	1.7	10
29	Movement Enhances the Nonlinearity of Hippocampal Theta. Journal of Neuroscience, 2016, 36, 4218-4230.	1.7	52
30	Discrimination performance in aging is vulnerable to interference and dissociable from spatial memory. Learning and Memory, 2016, 23, 339-348.	0.5	19
31	Age-related impairments in object-place associations are not due to hippocampal dysfunction.. Behavioral Neuroscience, 2015, 129, 599-610.	0.6	39
32	Advanced Age Dissociates Dual Functions of the Perirhinal Cortex. Journal of Neuroscience, 2014, 34, 467-480.	1.7	31
33	Back to the Future: Preserved Hippocampal Network Activity during Reverse Ambulation. Journal of Neuroscience, 2014, 34, 15022-15031.	1.7	23
34	Multiple frequency audio signal communication as a mechanism for neurophysiology and video data synchronization. Journal of Neuroscience Methods, 2014, 238, 35-42.	1.3	1
35	Representation of threeâ€dimensional objects by the rat perirhinal cortex. Hippocampus, 2012, 22, 2032-2044.	0.9	68
36	Greater running speeds result in altered hippocampal phase sequence dynamics. Hippocampus, 2012, 22, 737-747.	0.9	51

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37	The influence of objects on place field expression and size in distal hippocampal CA1. Hippocampus, 2011, 21, 783-801.	0.9	84
38	Glutamate receptor-mediated restoration of experience-dependent place field expansion plasticity in aged rats.. Behavioral Neuroscience, 2008, 122, 535-548.	0.6	27
39	Network and intrinsic cellular mechanisms underlying theta phase precession of hippocampal neurons. Trends in Neurosciences, 2007, 30, 325-333.	4.2	94
40	Organization of hippocampal cell assemblies based on theta phase precession. Hippocampus, 2006, 16, 785-794.	0.9	110
41	Phase Precession in Hippocampal Interneurons Showing Strong Functional Coupling to Individual Pyramidal Cells. Journal of Neuroscience, 2006, 26, 13485-13492.	1.7	126
42	Self-motion and the origin of differential spatial scaling along the septo-temporal axis of the hippocampus. Hippocampus, 2005, 15, 841-852.	0.9	248
43	Responses of feline medial medullary reticular formation neurons with projections to the C5â€“C6 ventral horn to vestibular stimulation. Brain Research, 2004, 1018, 247-256.	1.1	10
44	Unilateral Perforant Path Transection Does Not Alter Lateral Entorhinal Cortical or Hippocampal CA3 Arc Expression. Frontiers in Systems Neuroscience, 0, 16, .	1.2	0