

Andrew P Maurer

List of Publications by Year in descending order

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Version: 2024-02-01

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	Self-motion and the origin of differential spatial scaling along the septo-temporal axis of the hippocampus. <i>Hippocampus</i> , 2005, 15, 841-852.	0.9	248
2	Entorhinal-CA3 Dual-Input Control of Spike Timing in the Hippocampus by Theta-Gamma Coupling. <i>Neuron</i> , 2017, 93, 1213-1226.e5.	3.8	233
3	Phase Precession in Hippocampal Interneurons Showing Strong Functional Coupling to Individual Pyramidal Cells. <i>Journal of Neuroscience</i> , 2006, 26, 13485-13492.	1.7	126
4	Organization of hippocampal cell assemblies based on theta phase precession. <i>Hippocampus</i> , 2006, 16, 785-794.	0.9	110
5	Network and intrinsic cellular mechanisms underlying theta phase precession of hippocampal neurons. <i>Trends in Neurosciences</i> , 2007, 30, 325-333.	4.2	94
6	The influence of objects on place field expression and size in distal hippocampal CA1. <i>Hippocampus</i> , 2011, 21, 783-801.	0.9	84
7	A Ketogenic Diet Improves Cognition and Has Biochemical Effects in Prefrontal Cortex That Are Dissociable From Hippocampus. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 391.	1.7	79
8	Representation of three-dimensional objects by the rat perirhinal cortex. <i>Hippocampus</i> , 2012, 22, 2032-2044.	0.9	68
9	Movement Enhances the Nonlinearity of Hippocampal Theta. <i>Journal of Neuroscience</i> , 2016, 36, 4218-4230.	1.7	52
10	Greater running speeds result in altered hippocampal phase sequence dynamics. <i>Hippocampus</i> , 2012, 22, 737-747.	0.9	51
11	Age-related Changes in Lateral Entorhinal and CA3 Neuron Allocation Predict Poor Performance on Object Discrimination. <i>Frontiers in Systems Neuroscience</i> , 2017, 11, 49.	1.2	47
12	Rodent age-related impairments in discriminating perceptually similar objects parallel those observed in humans. <i>Hippocampus</i> , 2017, 27, 759-776.	0.9	45
13	Medial prefrontal-perirhinal cortical communication is necessary for flexible response selection. <i>Neurobiology of Learning and Memory</i> , 2017, 137, 36-47.	1.0	44
14	The Continuity of Context: A Role for the Hippocampus. <i>Trends in Cognitive Sciences</i> , 2021, 25, 187-199.	4.0	44
15	The Antiepileptic Ketogenic Diet Alters Hippocampal Transporter Levels and Reduces Adiposity in Aged Rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 450-458.	1.7	40
16	Age-related impairments in object-place associations are not due to hippocampal dysfunction.. <i>Behavioral Neuroscience</i> , 2015, 129, 599-610.	0.6	39
17	Advanced Age Dissociates Dual Functions of the Perirhinal Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 467-480.	1.7	31
18	Decline of prefrontal cortical-mediated executive functions but attenuated delay discounting in aged Fischer 344— brown Norway hybrid rats. <i>Neurobiology of Aging</i> , 2017, 60, 141-152.	1.5	29

#	ARTICLE	IF	CITATIONS
19	Dissociable effects of advanced age on prefrontal cortical and medial temporal lobe ensemble activity. <i>Neurobiology of Aging</i> , 2018, 70, 217-232.	1.5	28
20	Methodological Considerations on the Use of Different Spectral Decomposition Algorithms to Study Hippocampal Rhythms. <i>ENeuro</i> , 2019, 6, ENEURO.0142-19.2019.	0.9	28
21	Glutamate receptor-mediated restoration of experience-dependent place field expansion plasticity in aged rats.. <i>Behavioral Neuroscience</i> , 2008, 122, 535-548.	0.6	27
22	Nonuniform allocation of hippocampal neurons to place fields across all hippocampal subfields. <i>Hippocampus</i> , 2016, 26, 1328-1344.	0.9	24
23	Wave Turbulence and Energy Cascade in the Hippocampus. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 62.	1.2	24
24	Back to the Future: Preserved Hippocampal Network Activity during Reverse Ambulation. <i>Journal of Neuroscience</i> , 2014, 34, 15022-15031.	1.7	23
25	Recalling Lashley and reconsolidating Hebb. <i>Hippocampus</i> , 2020, 30, 776-793.	0.9	21
26	Discrimination performance in aging is vulnerable to interference and dissociable from spatial memory. <i>Learning and Memory</i> , 2016, 23, 339-348.	0.5	19
27	A Direct Comparison of Theta Power and Frequency to Speed and Acceleration. <i>Journal of Neuroscience</i> , 2022, 42, 4326-4341.	1.7	18
28	Attenuated Activity across Multiple Cell Types and Reduced Monosynaptic Connectivity in the Aged Perirhinal Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 8965-8974.	1.7	13
29	Perforant Path Fiber Loss Results in Mnemonic Discrimination Task Deficits in Young Rats. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 61.	1.2	13
30	Methamphetamine regulation of activity and topology of ventral midbrain networks. <i>PLoS ONE</i> , 2019, 14, e0222957.	1.1	13
31	Dopamine Transporter Is a Master Regulator of Dopaminergic Neural Network Connectivity. <i>Journal of Neuroscience</i> , 2021, 41, 5453-5470.	1.7	12
32	Acute vagus nerve stimulation enhances reversal learning in rats. <i>Neurobiology of Learning and Memory</i> , 2021, 184, 107498.	1.0	11
33	Responses of feline medial medullary reticular formation neurons with projections to the C5–C6 ventral horn to vestibular stimulation. <i>Brain Research</i> , 2004, 1018, 247-256.	1.1	10
34	Network Patterns Associated with Navigation Behaviors Are Altered in Aged Nonhuman Primates. <i>Journal of Neuroscience</i> , 2016, 36, 12217-12227.	1.7	10
35	The perirhinal cortex supports spatial intertemporal choice stability. <i>Neurobiology of Learning and Memory</i> , 2019, 162, 36-46.	1.0	9
36	Rodent mnemonic similarity task performance requires the prefrontal cortex. <i>Hippocampus</i> , 2021, 31, 701-716.	0.9	9

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37	Experience-Dependent Effects of Muscimol-Induced Hippocampal Excitation on Mnemonic Discrimination. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 72.	1.2	8
38	Impaired discrimination with intact crossmodal association in aged rats: A dissociation of perirhinal cortical-dependent behaviors.. <i>Behavioral Neuroscience</i> , 2018, 132, 138-151.	0.6	7
39	An investigation into the nonlinear coupling between CA1 layers and the dentate gyrus.. <i>Behavioral Neuroscience</i> , 2020, 134, 491-515.	0.6	7
40	Spectrum Degradation of Hippocampal LFP During Euthanasia. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 647011.	1.2	5
41	Floating ideas on theta waves.. <i>Behavioral Neuroscience</i> , 2020, 134, 471-474.	0.6	2
42	Multiple frequency audio signal communication as a mechanism for neurophysiology and video data synchronization. <i>Journal of Neuroscience Methods</i> , 2014, 238, 35-42.	1.3	1
43	Cover Image, Volume 30, Issue 8. <i>Hippocampus</i> , 2020, 30, .	0.9	0
44	Unilateral Perforant Path Transection Does Not Alter Lateral Entorhinal Cortical or Hippocampal CA3 Arc Expression. <i>Frontiers in Systems Neuroscience</i> , 0, 16, .	1.2	0