

Peter R Rapp

List of Publications by Year in descending order

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69
papers

5,110
citations

109264

35
h-index

110317

64
g-index

70
all docs

70
docs citations

70
times ranked

5054
citing authors

#	ARTICLE	IF	CITATIONS
1	Recognition Memory is Associated with Distinct Patterns of Regional Gray Matter Volumes in Young and Aged Monkeys. <i>Cerebral Cortex</i> , 2022, 32, 933-948.	1.6	4
2	Effect of Cardiotonic Steroid Marinobufagenin on Vascular Remodeling and Cognitive Impairment in Young Dahl-S Rats. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4563.	1.8	4
3	â€™-hitecture of normal cognitive aging. <i>Ageing Research Reviews</i> , 2022, 80, 101678.	5.0	1
4	Differential Retinoic Acid Signaling in the Hippocampus of Aged Rats with and without Memory Impairment. <i>ENeuro</i> , 2021, 8, ENEURO.0120-21.2021.	0.9	6
5	Effects of repetitive Transcranial Magnetic Stimulation in aged rats depend on pre-treatment cognitive status: Toward individualized intervention for successful cognitive aging. <i>Brain Stimulation</i> , 2021, 14, 1219-1225.	0.7	6
6	Reelin in the Years: decline in the number of reelin immunoreactive neurons in layer II of the entorhinal cortex in aged monkeys with memory impairment. <i>Neurobiology of Aging</i> , 2020, 87, 132-137.	1.5	24
7	Neuroadaptive Trajectories of Healthy Mindspan: From Genes to Neural Networks. , 2020, , 62-81.		5
8	Loss of Sensitivity to Rewards by Dopamine Neurons May Underlie Age-Related Increased Probability Discounting. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 49.	1.7	5
9	Functional Connectivity of Hippocampal CA3 Predicts Neurocognitive Aging via CA1â€™Frontal Circuit. <i>Cerebral Cortex</i> , 2020, 30, 4297-4305.	1.6	12
10	Survey of the Arc Epigenetic Landscape in Normal Cognitive Aging. <i>Molecular Neurobiology</i> , 2020, 57, 2727-2740.	1.9	9
11	Cognitive Reserve in Model Systems for Mechanistic Discovery: The Importance of Longitudinal Studies. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 607685.	1.7	40
12	Transcranial Magnetic Stimulation in Alzheimerâ€™s Disease: Are We Ready?. <i>ENeuro</i> , 2020, 7, ENEURO.0235-19.2019.	0.9	61
13	Behavioral Impact of Long-Term Chronic Implantation of Neural Recording Devices in the Rhesus Macaque. <i>Neuromodulation</i> , 2019, 22, 435-440.	0.4	6
14	Cortical network dynamics are coupled with cognitive aging in rats. <i>Hippocampus</i> , 2019, 29, 1165-1177.	0.9	7
15	What are the threats to successful brain and cognitive aging?. <i>Neurobiology of Aging</i> , 2019, 83, 130-134.	1.5	20
16	Isolation and Quantification Brain Region-Specific and Cell Subtype-Specific Histone (De)Acetylation in Cognitive Neuroepigenetics. <i>Methods in Molecular Biology</i> , 2019, 1983, 265-277.	0.4	1
17	HDAC3-Mediated Repression of the <i>Nr4a</i> Family Contributes to Age-Related Impairments in Long-Term Memory. <i>Journal of Neuroscience</i> , 2019, 39, 4999-5009.	1.7	40
18	Cover Image, Volume 29, Issue 12. <i>Hippocampus</i> , 2019, 29, C1.	0.9	0

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19	Synaptic distributions of pS214 τ in rhesus monkey prefrontal cortex are associated with spine density, but not with cognitive decline. <i>Journal of Comparative Neurology</i> , 2019, 527, 856-873.	0.9	4
20	Estrogen Alters the Synaptic Distribution of Phospho-GluN2B in the Dorsolateral Prefrontal Cortex While Promoting Working Memory in Aged Rhesus Monkeys. <i>Neuroscience</i> , 2018, 394, 303-315.	1.1	16
21	Selective Loss of Thin Spines in Area 7a of the Primate Intraparietal Sulcus Predicts Age-Related Working Memory Impairment. <i>Journal of Neuroscience</i> , 2018, 38, 10467-10478.	1.7	31
22	Diverse Synaptic Distributions of G Protein-coupled Estrogen Receptor 1 in Monkey Prefrontal Cortex with Aging and Menopause. <i>Cerebral Cortex</i> , 2017, 27, bhw050.	1.6	18
23	Sex biology contributions to vulnerability to Alzheimer's disease: A think tank convened by the Women's Alzheimer's Research Initiative. <i>Alzheimer's and Dementia</i> , 2016, 12, 1186-1196.	0.4	180
24	Functional connectivity with the retrosplenial cortex predicts cognitive aging in rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12286-12291.	3.3	69
25	Constituents and functional implications of the rat default mode network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4541-7.	3.3	90
26	Estrogen Restores Multisynaptic Boutons in the Dorsolateral Prefrontal Cortex while Promoting Working Memory in Aged Rhesus Monkeys. <i>Journal of Neuroscience</i> , 2016, 36, 901-910.	1.7	48
27	Head west or left, east or right: interactions between memory systems in neurocognitive aging. <i>Neurobiology of Aging</i> , 2015, 36, 3067-3078.	1.5	36
28	Experience Modulates the Effects of Histone Deacetylase Inhibitors on Gene and Protein Expression in the Hippocampus: Impaired Plasticity in Aging. <i>Journal of Neuroscience</i> , 2015, 35, 11729-11742.	1.7	20
29	Epigenetic contributions to cognitive aging: disentangling mindspan and lifespan. <i>Learning and Memory</i> , 2014, 21, 569-574.	0.5	44
30	Reassessing the effects of histone deacetylase inhibitors on hippocampal memory and cognitive aging. <i>Hippocampus</i> , 2014, 24, 1006-1016.	0.9	27
31	Presynaptic mitochondrial morphology in monkey prefrontal cortex correlates with working memory and is improved with estrogen treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 486-491.	3.3	201
32	Pancreatic polypeptide inhibits somatostatin secretion. <i>FEBS Letters</i> , 2014, 588, 3233-3239.	1.3	28
33	A fine balance: Regulation of hippocampal Arc/Arg3.1 transcription, translation and degradation in a rat model of normal cognitive aging. <i>Neurobiology of Learning and Memory</i> , 2014, 115, 58-67.	1.0	38
34	A quantitative neural network approach to understanding aging phenotypes. <i>Ageing Research Reviews</i> , 2014, 15, 44-50.	5.0	20
35	CREB-binding protein levels in the rat hippocampus fail to predict chronological or cognitive aging. <i>Neurobiology of Aging</i> , 2013, 34, 832-844.	1.5	12
36	Hilar interneuron vulnerability distinguishes aged rats with memory impairment. <i>Journal of Comparative Neurology</i> , 2013, 521, 3508-3523.	0.9	110

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37	Synaptic Distributions of GluA2 and PKM ζ in the Monkey Dentate Gyrus and Their Relationships with Aging and Memory. <i>Journal of Neuroscience</i> , 2012, 32, 7336-7344.	1.7	56
38	Clinically Relevant Hormone Treatments Fail to Induce Spinogenesis in Prefrontal Cortex of Aged Female Rhesus Monkeys. <i>Journal of Neuroscience</i> , 2012, 32, 11700-11705.	1.7	27
39	Neuronal and morphological bases of cognitive decline in aged rhesus monkeys. <i>Age</i> , 2012, 34, 1051-1073.	3.0	114
40	Synaptic correlates of memory and menopause in the hippocampal dentate gyrus in rhesus monkeys. <i>Neurobiology of Aging</i> , 2012, 33, 421.e17-421.e28.	1.5	60
41	Age-Related Memory Impairment Is Associated with Disrupted Multivariate Epigenetic Coordination in the Hippocampus. <i>PLoS ONE</i> , 2012, 7, e33249.	1.1	70
42	Synaptic Characteristics of Dentate Gyrus Axonal Boutons and Their Relationships with Aging, Menopause, and Memory in Female Rhesus Monkeys. <i>Journal of Neuroscience</i> , 2011, 31, 7737-7744.	1.7	59
43	Volumetric Correlates of Spatiotemporal Working and Recognition Memory Impairment in Aged Rhesus Monkeys. <i>Cerebral Cortex</i> , 2011, 21, 1559-1573.	1.6	68
44	Selective Changes in Thin Spine Density and Morphology in Monkey Prefrontal Cortex Correlate with Aging-Related Cognitive Impairment. <i>Journal of Neuroscience</i> , 2010, 30, 7507-7515.	1.7	367
45	Age-related spatial learning impairment is unrelated to spinophilin immunoreactive spine number and protein levels in rat hippocampus. <i>Neurobiology of Aging</i> , 2008, 29, 1256-1264.	1.5	17
46	Age-Related Regional Network of Magnetic Resonance Imaging Gray Matter in the Rhesus Macaque. <i>Journal of Neuroscience</i> , 2008, 28, 2710-2718.	1.7	78
47	Interactive effects of age and estrogen on cognition and pyramidal neurons in monkey prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11465-11470.	3.3	146
48	Hippocampal volume is preserved and fails to predict recognition memory impairment in aged rhesus monkeys (<i>Macaca mulatta</i>). <i>Neurobiology of Aging</i> , 2006, 27, 1405-1415.	1.5	67
49	Individual differences in neurocognitive aging of the medial temporal lobe. <i>Age</i> , 2006, 28, 221-233.	3.0	49
50	Fornix Lesions Decouple the Induction of Hippocampal Arc Transcription from Behavior But Not Plasticity. <i>Journal of Neuroscience</i> , 2006, 26, 1507-1515.	1.7	49
51	Estrogen Alters Spine Number and Morphology in Prefrontal Cortex of Aged Female Rhesus Monkeys. <i>Journal of Neuroscience</i> , 2006, 26, 2571-2578.	1.7	229
52	Neuropathology of normal aging in cerebral cortex. , 2005, , 396-406.		0
53	From The Cover: Imaging correlates of brain function in monkeys and rats isolates a hippocampal subregion differentially vulnerable to aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 7181-7186.	3.3	264
54	Entorhinal Cortex Lesions Disrupt the Relational Organization of Memory in Monkeys. <i>Journal of Neuroscience</i> , 2004, 24, 9811-9825.	1.7	178

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55	Who's the fairest of them all? Role of the human hippocampus in the relational organization of memory. <i>Hippocampus</i> , 2004, 14, 141-142.	0.9	8
56	Reduction in hippocampal cholinergic innervation is unrelated to recognition memory impairment in aged rhesus monkeys. <i>Journal of Comparative Neurology</i> , 2004, 475, 238-246.	0.9	46
57	Estrogen increases the number of spinophilin-immunoreactive spines in the hippocampus of young and aged female rhesus monkeys. <i>Journal of Comparative Neurology</i> , 2003, 465, 540-550.	0.9	187
58	Cyclic Estrogen Replacement Improves Cognitive Function in Aged Ovariectomized Rhesus Monkeys. <i>Journal of Neuroscience</i> , 2003, 23, 5708-5714.	1.7	322
59	Neuron Number in the Parahippocampal Region is Preserved in Aged Rats with Spatial Learning Deficits. <i>Cerebral Cortex</i> , 2002, 12, 1171-1179.	1.6	105
60	Hippocampal dependent learning ability correlates with N-methyl-D-aspartate (NMDA) receptor levels in CA3 neurons of young and aged rats. <i>Journal of Comparative Neurology</i> , 2001, 432, 230-243.	0.9	104
61	Circuit-Specific Alterations in Hippocampal Synaptophysin Immunoreactivity Predict Spatial Learning Impairment in Aged Rats. <i>Journal of Neuroscience</i> , 2000, 20, 6587-6593.	1.7	360
62	Morphometric studies of the aged hippocampus: I. Volumetric analysis in behaviorally characterized rats. <i>Journal of Comparative Neurology</i> , 1999, 403, 459-470.	0.9	84
63	Morphometric studies of the aged hippocampus: I. Volumetric analysis in behaviorally characterized rats. <i>Journal of Comparative Neurology</i> , 1999, 403, 459-470.	0.9	2
64	Representational organization in the aged hippocampus. , 1998, 8, 432-435.		17
65	Reproductive senescence predicts cognitive decline in aged female monkeys. <i>NeuroReport</i> , 1997, 8, 2047-2051.	0.6	100
66	THE USE OF ANIMAL MODELS TO STUDY THE EFFECTS OF AGING ON COGNITION. <i>Annual Review of Psychology</i> , 1997, 48, 339-370.	9.9	379
67	Functional components of the hippocampal memory system: Implications for future learning and memory research in nonhuman primates. <i>Behavioral and Brain Sciences</i> , 1994, 17, 491-492.	0.4	0
68	Recognition memory deficits in a subpopulation of aged monkeys resemble the effects of medial temporal lobe damage. <i>Neurobiology of Aging</i> , 1991, 12, 481-486.	1.5	138
69	Visual discrimination and reversal learning in the aged monkey (<i>Macaca mulatta</i>).. <i>Behavioral Neuroscience</i> , 1990, 104, 876-884.	0.6	112