

Rebecca D Burwell

List of Publications by Year in descending order

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61
papers

5,981
citations

186254

28
h-index

189881

50
g-index

64
all docs

64
docs citations

64
times ranked

4105
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Differentiation of Dorsal and Ventral Posterior Parietal Cortex of the Rat: Implications for Controlled and Stimulus-Driven Attention. <i>Cerebral Cortex</i> , 2022, 32, 1787-1803.	2.9	5
2	The anatomy and function of the postrhinal cortex.. <i>Behavioral Neuroscience</i> , 2022, 136, 101-113.	1.2	5
3	Postrhinal cortex contributions to the expression of auditory fear conditioning. <i>Neurobiology of Learning and Memory</i> , 2022, 191, 107609.	1.9	1
4	Parahippocampal Cortex (PHC). , 2022, , 4941-4945.		0
5	Contributions of postrhinal and perirhinal cortex to contextual information processing.. <i>Behavioral Neuroscience</i> , 2021, 135, 313-325.	1.2	57
6	Perirhinal and Postrhinal Damage Have Different Consequences on Attention as Assessed in the Five-Choice Serial Reaction Time Task. <i>ENeuro</i> , 2021, 8, ENEURO.0210-21.2021.	1.9	3
7	Beyond the hippocampus: The role of parahippocampal-prefrontal communication in context-modulated behavior. <i>Neurobiology of Learning and Memory</i> , 2021, 185, 107520.	1.9	16
8	Neuronal Activity in the Rat Pulvinar Correlates with Multiple Higher-Order Cognitive Functions. <i>Vision (Switzerland)</i> , 2020, 4, 15.	1.2	3
9	Paw-Print Analysis of Contrast-Enhanced Recordings (PrAnCER): A Low-Cost, Open-Access Automated Gait Analysis System for Assessing Motor Deficits. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	0
10	Prefrontal connections of the perirhinal and postrhinal cortices in the rat. <i>Behavioural Brain Research</i> , 2018, 354, 8-21.	2.2	21
11	Parahippocampal Cortex (PHC). , 2018, , 1-5.		0
12	Disconnection of the Perirhinal and Postrhinal Cortices Impairs Recognition of Objects in Context But Not Contextual Fear Conditioning. <i>Journal of Neuroscience</i> , 2017, 37, 4819-4829.	3.6	30
13	Single neuron activity and theta modulation in the posterior parietal cortex in a visuospatial attention task. <i>Hippocampus</i> , 2017, 27, 263-273.	1.9	15
14	Jamais vu all over again. <i>Nature Neuroscience</i> , 2017, 20, 1194-1196.	14.8	3
15	Inactivation of the Lateral Entorhinal Area Increases the Influence of Visual Cues on Hippocampal Place Cell Activity. <i>Frontiers in Systems Neuroscience</i> , 2017, 11, 40.	2.5	10
16	Anatomy of the Hippocampus and the Declarative Memory System â†. , 2017, , 49-67.		0
17	Subcortical connections of the perirhinal, postrhinal, and entorhinal cortices of the rat. II. efferents. <i>Hippocampus</i> , 2016, 26, 1213-1230.	1.9	58
18	Subcortical connections of the perirhinal, postrhinal, and entorhinal cortices of the rat. I. afferents. <i>Hippocampus</i> , 2016, 26, 1189-1212.	1.9	53

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19	Using the spatial learning index to evaluate performance on the water maze.. Behavioral Neuroscience, 2015, 129, 533-539.	1.2	78
20	Bidirectional Modulation of Recognition Memory. Journal of Neuroscience, 2015, 35, 13323-13335.	3.6	29
21	Automated Visual Cognitive Tasks for Recording Neural Activity Using a Floor Projection Maze. Journal of Visualized Experiments, 2014, , e51316.	0.3	12
22	Objects and landmarks: Hippocampal place cells respond differently to manipulations of visual cues depending on size, perspective, and experience. Hippocampus, 2014, 24, 1287-1299.	1.9	25
23	Perirhinal and Postrhinal Functional Inputs to the Hippocampus. , 2014, , 55-81.		8
24	Hippocampal and subicular efferents and afferents of the perirhinal, postrhinal, and entorhinal cortices of the rat. Behavioural Brain Research, 2013, 254, 50-64.	2.2	112
25	Borders and Comparative Cytoarchitecture of the Perirhinal and Postrhinal Cortices in an F1 Hybrid Mouse. Cerebral Cortex, 2013, 23, 460-476.	2.9	36
26	Single Neuron Activity and Theta Modulation in Postrhinal Cortex during Visual Object Discrimination. Neuron, 2012, 76, 976-988.	8.1	82
27	The effects of combined perirhinal and postrhinal damage on complex discrimination tasks. Hippocampus, 2012, 22, 2059-2067.	1.9	8
28	Integrated device for combined optical neuromodulation and electrical recording for chronic <i>in vivo</i> applications. Journal of Neural Engineering, 2012, 9, 016001.	3.5	146
29	Electrophysiological and morphological properties of neurons in layer 5 of the rat postrhinal cortex. Hippocampus, 2012, 22, 1912-1922.	1.9	13
30	Discrimination learning and attentional set formation in a mouse model of Fragile X.. Behavioral Neuroscience, 2011, 125, 473-479.	1.2	16
31	A neurophotonic device for stimulation and recording of neural microcircuits. , 2010, 2010, 2935-8.		6
32	Cortical efferents of the perirhinal, postrhinal, and entorhinal cortices of the rat. Hippocampus, 2009, 19, 1159-1186.	1.9	168
33	The Floor Projection Maze: A novel behavioral apparatus for presenting visual stimuli to rats. Journal of Neuroscience Methods, 2009, 181, 82-88.	2.5	18
34	Recognition Memory: Can You Teach an Old Dogma New Tricks?. Neuron, 2008, 59, 523-525.	8.1	4
35	Functional neuroanatomy of the parahippocampal region in the rat: The perirhinal and postrhinal cortices. Hippocampus, 2007, 17, 709-722.	1.9	249
36	Functional neuroanatomy of the parahippocampal region: The lateral and medial entorhinal areas. Hippocampus, 2007, 17, 697-708.	1.9	368

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37	Electrical synapses coordinate activity in the suprachiasmatic nucleus. <i>Nature Neuroscience</i> , 2005, 8, 61-66.	14.8	172
38	Corticohippocampal Contributions to Spatial and Contextual Learning. <i>Journal of Neuroscience</i> , 2004, 24, 3826-3836.	3.6	199
39	Perirhinal and Postrhinal Contributions to Remote Memory for Context. <i>Journal of Neuroscience</i> , 2004, 24, 11023-11028.	3.6	108
40	Deficits in Attentional Orienting Following Damage to the Perirhinal or Postrhinal Cortices.. <i>Behavioral Neuroscience</i> , 2004, 118, 1117-1122.	1.2	38
41	Positional firing properties of postrhinal cortex neurons. <i>Neuroscience</i> , 2003, 119, 577-588.	2.3	108
42	Neuron Number in the Parahippocampal Region is Preserved in Aged Rats with Spatial Learning Deficits. <i>Cerebral Cortex</i> , 2002, 12, 1171-1179.	2.9	105
43	Contextual fear discrimination is impaired by damage to the postrhinal or perirhinal cortex.. <i>Behavioral Neuroscience</i> , 2002, 116, 479-488.	1.2	98
44	Basic anatomy of the parahippocampal region in monkeys and rats. , 2002, , 34-59.		18
45	Experimental lesions of the parahippocampal region in rats. , 2002, , 216-237.		6
46	Contextual fear discrimination is impaired by damage to the postrhinal or perirhinal cortex. <i>Behavioral Neuroscience</i> , 2002, 116, 479-88.	1.2	48
47	Borders and cytoarchitecture of the perirhinal and postrhinal cortices in the rat. <i>Journal of Comparative Neurology</i> , 2001, 437, 17-41.	1.6	245
48	Contributions of postrhinal and perirhinal cortex to contextual information processing.. <i>Behavioral Neuroscience</i> , 2000, 114, 882-894.	1.2	142
49	The Parahippocampal Region: Corticocortical Connectivity. <i>Annals of the New York Academy of Sciences</i> , 2000, 911, 25-42.	3.8	420
50	What's new in animal models of amnesia?. <i>Behavioral and Brain Sciences</i> , 1999, 22, 446-447.	0.7	2
51	Perirhinal and postrhinal cortices of the rat: Interconnectivity and connections with the entorhinal cortex. , 1998, 391, 293-321.		393
52	Cortical afferents of the perirhinal, postrhinal, and entorhinal cortices of the rat. <i>Journal of Comparative Neurology</i> , 1998, 398, 179-205.	1.6	626
53	Positional firing properties of perirhinal cortex neurons. <i>NeuroReport</i> , 1998, 9, 3013-3018.	1.2	48
54	Memory impairment on a delayed non-matching-to-position task after lesions of the perirhinal cortex in the rat.. <i>Behavioral Neuroscience</i> , 1998, 112, 827-838.	1.2	57

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55	Cortical afferents of the perirhinal, postrhinal, and entorhinal cortices of the rat. , 1998, 398, 179.		1
56	Perirhinal and postrhinal cortices of the rat: A review of the neuroanatomical literature and comparison with findings from the monkey brain. Hippocampus, 1995, 5, 390-408.	1.9	516
57	Mesostriatal dopamine markers in aged Long-Evans rats with sensorimotor impairment. Neurobiology of Aging, 1995, 16, 175-186.	3.1	27
58	Cognition and Hippocampal Systems in Aging:Animal Models. , 1995, , 103-126.		14
59	A longitudinal study of reaction time performance in long-evans rats. Neurobiology of Aging, 1993, 14, 57-64.	3.1	37
60	Severity of spatial learning impairment in aging: Development of a learning index for performance in the Morris water maze.. Behavioral Neuroscience, 1993, 107, 618-626.	1.2	745
61	Markers for biogenic amines in the aged rat brain: Relationship to decline in spatial learning ability. Neurobiology of Aging, 1990, 11, 507-514.	3.1	150