

Aaron A Wilber

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2926529/publications.pdf>

Version: 2024-02-01

23
papers

1,295
citations

516710

16
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

2231
citing authors

#	ARTICLE	IF	CITATIONS
1	Trajectories of cortical thickness maturation in normal brain development – The importance of quality control procedures. <i>NeuroImage</i> , 2016, 125, 267-279.	4.2	251
2	Interaction of Egocentric and World-Centered Reference Frames in the Rat Posterior Parietal Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 5431-5446.	3.6	180
3	Chronic stress alters neural activity in medial prefrontal cortex during retrieval of extinction. <i>Neuroscience</i> , 2011, 174, 115-131.	2.3	102
4	Prediction of brain maturity based on cortical thickness at different spatial resolutions. <i>NeuroImage</i> , 2015, 111, 350-359.	4.2	90
5	Laminar Organization of Encoding and Memory Reactivation in the Parietal Cortex. <i>Neuron</i> , 2017, 95, 1406-1419.e5.	8.1	88
6	Mesenchymal stem cell-derived extracellular vesicles ameliorate Alzheimer's disease-like phenotypes in a preclinical mouse model. <i>Theranostics</i> , 2021, 11, 8129-8142.	10.0	88
7	Cortical connectivity maps reveal anatomically distinct areas in the parietal cortex of the rat. <i>Frontiers in Neural Circuits</i> , 2014, 8, 146.	2.8	85
8	The retrosplenial-parietal network and reference frame coordination for spatial navigation.. <i>Behavioral Neuroscience</i> , 2018, 132, 416-429.	1.2	67
9	Brief neonatal maternal separation alters extinction of conditioned fear and corticolimbic glucocorticoid and NMDA receptor expression in adult rats. <i>Developmental Neurobiology</i> , 2009, 69, 73-87.	3.0	58
10	Trajectories of cortical surface area and cortical volume maturation in normal brain development. <i>Data in Brief</i> , 2015, 5, 929-938.	1.0	43
11	Reverse Microdialysis of a Dopamine Uptake Inhibitor in the Nucleus Accumbens of Alcohol-Preferring Rats: Effects on Dialysate Dopamine Levels and Ethanol Intake. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 795-801.	2.4	41
12	Neonatal maternal separation alters adult eyeblink conditioning and glucocorticoid receptor expression in the interpositus nucleus of the cerebellum. <i>Developmental Neurobiology</i> , 2007, 67, 1751-1764.	3.0	41
13	Impaired Hippocampal-Cortical Interactions during Sleep in a Mouse Model of Alzheimer's Disease. <i>Current Biology</i> , 2020, 30, 2588-2601.e5.	3.9	32
14	The Neuroscience of Spatial Navigation and the Relationship to Artificial Intelligence. <i>Frontiers in Computational Neuroscience</i> , 2020, 14, 63.	2.1	30
15	Impaired Spatial Reorientation in the 3xTg-AD Mouse Model of Alzheimer's Disease. <i>Scientific Reports</i> , 2019, 9, 1311.	3.3	24
16	Neonatal maternal separation alters the development of glucocorticoid receptor expression in the interpositus nucleus of the cerebellum. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 649-654.	1.6	22
17	A Comparison of Neural Decoding Methods and Population Coding Across Thalamo-Cortical Head Direction Cells. <i>Frontiers in Neural Circuits</i> , 2019, 13, 75.	2.8	12
18	Neonatal maternal separation-induced changes in glucocorticoid receptor expression in posterior interpositus interneurons but not projection neurons predict deficits in adult eyeblink conditioning. <i>Neuroscience Letters</i> , 2009, 460, 214-218.	2.1	11

#	ARTICLE	IF	CITATIONS
19	Neonatal corticosterone administration impairs adult eyeblink conditioning and decreases glucocorticoid receptor expression in the cerebellar interpositus nucleus. <i>Neuroscience</i> , 2011, 177, 56-65.	2.3	8
20	Glucocorticoid receptor blockade in the posterior interpositus nucleus reverses maternal separation-induced deficits in adult eyeblink conditioning. <i>Neurobiology of Learning and Memory</i> , 2010, 94, 263-268.	1.9	6
21	A methodological pipeline for serial-section imaging and tissue realignment for whole-brain functional and connectivity assessment. <i>Journal of Neuroscience Methods</i> , 2016, 266, 151-160.	2.5	6
22	Sex differences and effects of the estrous stage on hippocampal- ϵ -prefrontal theta communications. <i>Physiological Reports</i> , 2020, 8, e14646.	1.7	5
23	Tau Pathology Profile Across a Parietal-Hippocampal Brain Network Is Associated With Spatial Reorientation Learning and Memory Performance in the 3xTg-AD Mouse. <i>Frontiers in Aging</i> , 2021, 2, .	2.6	5