

Carlie L Cullen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

591
citations

759233

12
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

908
citing authors

#	ARTICLE	IF	CITATIONS
1	Low Dose Prenatal Ethanol Exposure Induces Anxiety-Like Behaviour and Alters Dendritic Morphology in the Basolateral Amygdala of Rat Offspring. PLoS ONE, 2013, 8, e54924.	2.5	91
2	How Does Transcranial Magnetic Stimulation Influence Glial Cells in the Central Nervous System?. Frontiers in Neural Circuits, 2016, 10, 26.	2.8	75
3	How Do Cells of the Oligodendrocyte Lineage Affect Neuronal Circuits to Influence Motor Function, Memory and Mood?. Frontiers in Cellular Neuroscience, 2018, 12, 399.	3.7	58
4	Low Density Lipoprotein-Receptor Related Protein 1 Is Differentially Expressed by Neuronal and Glial Populations in the Developing and Mature Mouse Central Nervous System. PLoS ONE, 2016, 11, e0155878.	2.5	56
5	Low-intensity transcranial magnetic stimulation promotes the survival and maturation of newborn oligodendrocytes in the adult mouse brain. Glia, 2019, 67, 1462-1477.	4.9	55
6	Periaxonal and nodal plasticities modulate action potential conduction in the adult mouse brain. Cell Reports, 2021, 34, 108641.	6.4	54
7	Amyloid β precursor protein regulates neuron survival and maturation in the adult mouse brain. Molecular and Cellular Neurosciences, 2016, 77, 21-33.	2.2	32
8	Low Dose Prenatal Alcohol Exposure Does Not Impair Spatial Learning and Memory in Two Tests in Adult and Aged Rats. PLoS ONE, 2014, 9, e101482.	2.5	23
9	Oligodendrogenesis and myelination regulate cortical development, plasticity and circuit function. Seminars in Cell and Developmental Biology, 2021, 118, 14-23.	5.0	21
10	Amyloidosis is associated with thicker myelin and increased oligodendrogenesis in the adult mouse brain. Journal of Neuroscience Research, 2020, 98, 1905-1932.	2.9	20
11	Low-Density Lipoprotein Receptor-Related Protein 1 (LRP1) Is a Negative Regulator of Oligodendrocyte Progenitor Cell Differentiation in the Adult Mouse Brain. Frontiers in Cell and Developmental Biology, 2020, 8, 564351.	3.7	19
12	Oligodendrogenesis increases in hippocampal grey and white matter prior to locomotor or memory impairment in an adult mouse model of tauopathy. European Journal of Neuroscience, 2021, 54, 5762-5784.	2.6	19
13	Evaluating Tissue-Specific Recombination in a Pdgfr β -CreERT2 Transgenic Mouse Line. PLoS ONE, 2016, 11, e0162858.	2.5	16
14	<i>Kif3a</i> deletion prevents primary cilia assembly on oligodendrocyte progenitor cells, reduces oligodendrogenesis and impairs fine motor function. Glia, 2021, 69, 1184-1203.	4.9	13
15	The impact of periconceptual alcohol exposure on fat preference and gene expression in the mesolimbic reward pathway in adult rat offspring. Journal of Developmental Origins of Health and Disease, 2018, 9, 223-231.	1.4	12
16	Periconceptual maternal alcohol consumption leads to behavioural changes in adult and aged offspring and alters the expression of hippocampal genes associated with learning and memory and regulators of the epigenome. Behavioural Brain Research, 2019, 362, 249-257.	2.2	11
17	Maternal hypomagnesemia alters hippocampal NMDAR subunit expression and programs anxiety-like behaviour in adult offspring. Behavioural Brain Research, 2017, 328, 39-47.	2.2	9
18	Protocadherin 15 suppresses oligodendrocyte progenitor cell proliferation and promotes motility through distinct signalling pathways. Communications Biology, 2022, 5, .	4.4	4

#	ARTICLE	IF	CITATIONS
19	Can Thyroid Hormone Analogues Be Used to Overcome Hypomyelination and Demyelination of the Central Nervous System?. EBioMedicine, 2017, 26, 15-16.	6.1	2
20	Behavioural Correlates of Periconceptual Ethanol Exposure in Aged Offspring. Frontiers in Human Neuroscience, 0, 9, .	2.0	0