

Gaurav Singhal

List of Publications by Year in descending order

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17
papers

1,115
citations

686830

13
h-index

940134

16
g-index

17
all docs

17
docs citations

17
times ranked

2413
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammasomes in neuroinflammation and changes in brain function: a focused review. <i>Frontiers in Neuroscience</i> , 2014, 8, 315.	1.4	288
2	Microglia: An Interface between the Loss of Neuroplasticity and Depression. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 270.	1.8	170
3	Cellular and molecular mechanisms of immunomodulation in the brain through environmental enrichment. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 97.	1.8	146
4	Systematic Review of the Neurobiological Relevance of Chemokines to Psychiatric Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 357.	1.8	123
5	Neuroinflammation and cognition across psychiatric conditions. <i>CNS Spectrums</i> , 2019, 24, 4-15.	0.7	86
6	Cytokine levels in major depression are related to childhood trauma but not to recent stressors. <i>Psychoneuroendocrinology</i> , 2016, 73, 24-31.	1.3	81
7	The effects of aerobic exercise on depression-like, anxiety-like, and cognition-like behaviours over the healthy adult lifespan of C57BL/6 mice. <i>Behavioural Brain Research</i> , 2018, 337, 193-203.	1.2	61
8	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. <i>Human Molecular Genetics</i> , 2021, 30, 393-409.	1.4	32
9	The effects of short-term and long-term environmental enrichment on locomotion, mood-like behavior, cognition and hippocampal gene expression. <i>Behavioural Brain Research</i> , 2019, 368, 111917.	1.2	26
10	TNF signalling via the TNF receptors mediates the effects of exercise on cognition-like behaviours.. <i>Behavioural Brain Research</i> , 2018, 353, 74-82.	1.2	19
11	Ceasing exercise induces depression-like, anxiety-like, and impaired cognitive-like behaviours and altered hippocampal gene expression. <i>Brain Research Bulletin</i> , 2019, 148, 118-130.	1.4	19
12	Effects of aging on the motor, cognitive and affective behaviors, neuroimmune responses and hippocampal gene expression. <i>Behavioural Brain Research</i> , 2020, 383, 112501.	1.2	18
13	Short-term environmental enrichment, and not physical exercise, alleviate cognitive decline and anxiety from middle age onwards without affecting hippocampal gene expression. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 1143-1169.	1.0	17
14	Exercise related anxiety-like behaviours are mediated by TNF receptor signaling, but not depression-like behaviours. <i>Brain Research</i> , 2018, 1695, 10-17.	1.1	13
15	Duration of Environmental Enrichment Determines Astrocyte Number and Cervical Lymph Node T Lymphocyte Proportions but Not the Microglial Number in Middle-Aged C57BL/6 Mice. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 57.	1.8	9
16	Short-Term Environmental Enrichment is a Stronger Modulator of Brain Glial Cells and Cervical Lymph Node T Cell Subtypes than Exercise or Combined Exercise and Enrichment. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 469-486.	1.7	7
17	TNF signaling via TNF receptors does not mediate the effects of short-term exercise on cognition, anxiety and depressive-like behaviors in middle-aged mice. <i>Behavioural Brain Research</i> , 2021, 408, 113269.	1.2	0