Olivia F O'leary

List of Publications by Year
in descending order

57 papers	4,094 citations	186265 28 h-index	155660 55 g-index
57 all docs	57 docs citations	57 times ranked	5886 citing authors

#	Article	IF	Citations
1	Prior maternal separation stress alters the dendritic complexity of new hippocampal neurons and neuroinflammation in response to an inflammatory stressor in juvenile female rats. Brain, Behavior, and Immunity, 2022, 99, 327-338.	4.1	8
2	Juvenile stress exerts sex-independent effects on anxiety, antidepressant-like behaviours and dopaminergic innervation of the prelimbic cortex in adulthood and does not alter hippocampal neurogenesis. Behavioural Brain Research, 2022, 421, 113725.	2.2	4
3	Specific sub-regions along the longitudinal axis of the hippocampus mediate antidepressant-like behavioral effects. Neurobiology of Stress, 2021, 14, 100331.	4.0	9
4	Specific sub-regions of the longitudinal axis of the hippocampus mediate behavioural responses to chronic psychosocial stress. Neuropharmacology, 2021, 201, 108843.	4.1	6
5	Depression's Unholy Trinity: Dysregulated Stress, Immunity, and the Microbiome. Annual Review of Psychology, 2020, 71, 49-78.	17.7	152
6	Chronic intrahippocampal interleukin-1Î² overexpression in adolescence impairs hippocampal neurogenesis but not neurogenesis-associated cognition. Brain, Behavior, and Immunity, 2020, 83, 172-179.	4.1	19
7	GABAB receptors, depression, and stress resilience. , 2020, , 63-79.		0
8	Nigral overexpression of Î±â€synuclein in a rat Parkinsonâ€™s disease model indicates alterations in the enteric nervous system and the gut microbiome. Neurogastroenterology and Motility, 2020, 32, e13726.	3.0	61
9	Adult-born neurons from the dorsal, intermediate, and ventral regions of the longitudinal axis of the hippocampus exhibit differential sensitivity to glucocorticoids. Molecular Psychiatry, 2020, 26, 3240-3252.	7.9	21
10	GABAB Receptors: Anxiety and Mood Disorders. Current Topics in Behavioral Neurosciences, 2020, , 1.	1.7	13
11	Revisiting the behavioral genetics of serotonin: relevance to anxiety and depression. Handbook of Behavioral Neuroscience, 2020, , 665-709.	0.7	6
12	Differential effects of adolescent and adult-initiated voluntary exercise on context and cued fear conditioning. Neuropharmacology, 2019, 145, 49-58.	4.1	24
13	Programming Bugs: Microbiota and the Developmental Origins of Brain Health and Disease. Biological Psychiatry, 2019, 85, 150-163.	1.3	146
14	Enduring effects of muscarinic receptor activation on adult hippocampal neurogenesis, microRNA expression and behaviour. Behavioural Brain Research, 2019, 362, 188-198.	2.2	3
15	Differential effects of adolescent and adultâ€initiated exercise on cognition and hippocampal neurogenesis. Hippocampus, 2019, 29, 352-365.	1.9	30
16	A low-cost touchscreen operant chamber using a Raspberry Piâ„¢. Behavior Research Methods, 2018, 50, 2523-2530.	4.0	28
17	The vagus nerve modulates BDNF expression and neurogenesis in the hippocampus. European Neuropsychopharmacology, 2018, 28, 307-316.	0.7	86
18	Cover Image, Volume 28, Issue 1. Hippocampus, 2018, 28, C1.	1.9	0

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19	Regulation of behaviour by the nuclear receptor <scp>TLX</scp>. Genes, Brain and Behavior, 2018, 17, e12357.	2.2	12
20	Elucidation of the neural circuits activated by a GABAB receptor positive modulator: Relevance to anxiety. Neuropharmacology, 2018, 136, 129-145.	4.1	15
21	Deletion of <scp>TLX</scp> and social isolation impairs exerciseâ€induced neurogenesis in the adolescent hippocampus. Hippocampus, 2018, 28, 3-11.	1.9	28
22	Without a bugâ€™s life: Germ-free rodents to interrogate microbiota-gut-neuroimmune interactions. Drug Discovery Today: Disease Models, 2018, 28, 79-93.	1.2	14
23	Chronic interleukin-1Î² in the dorsal hippocampus impairs behavioural pattern separation. Brain, Behavior, and Immunity, 2018, 74, 252-264.	4.1	33
24	The hippocampus and dorsal raphe nucleus are key brain areas associated with the antidepressant effects of lithium augmentation of desipramine. Neuroscience Letters, 2017, 648, 14-20.	2.1	3
25	Microbial regulation of hippocampal miRNA expression: Implications for transcription of kynurenine pathway enzymes. Behavioural Brain Research, 2017, 334, 50-54.	2.2	44
26	Inhibiting neuroinflammation: The role and therapeutic potential of GABA in neuro-immune interactions. Brain, Behavior, and Immunity, 2016, 54, 260-277.	4.1	99
27	The nuclear receptor Tlx regulates motor, cognitive and anxiety-related behaviours during adolescence and adulthood. Behavioural Brain Research, 2016, 306, 36-47.	2.2	20
28	Differential roles of GABAB1 subunit isoforms on locomotor responses to acute and repeated administration of cocaine. Behavioural Brain Research, 2016, 298, 12-16.	2.2	10
29	Modulation of TLR3/TLR4 inflammatory signaling by the GABAB receptor agonist baclofen in glia and immune cells: relevance to therapeutic effects in multiple sclerosis. Frontiers in Cellular Neuroscience, 2015, 9, 284.	3.7	49
30	Glycogen Synthase Kinase-3 as a Therapeutic Target for Cognitive Dysfunction in Neuropsychiatric Disorders. CNS Drugs, 2015, 29, 1-15.	5.9	55
31	Role of adult hippocampal neurogenesis in stress resilience. Neurobiology of Stress, 2015, 1, 147-155.	4.0	165
32	Adult Hippocampal Neurogenesis Is Regulated by the Microbiome. Biological Psychiatry, 2015, 78, e7-e9.	1.3	363
33	When ageing meets the blues: Are current antidepressants effective in depressed aged patients?. Neuroscience and Biobehavioral Reviews, 2015, 55, 478-497.	6.1	16
34	Faster, better, stronger: Towards new antidepressant therapeutic strategies. European Journal of Pharmacology, 2015, 753, 32-50.	3.5	77
35	GABA _{B(1)} receptor subunit isoforms differentially regulate stress resilience. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15232-15237.	7.1	77
36	Drugs, genes and the blues: Pharmacogenetics of the antidepressant response from mouse to man. Pharmacology Biochemistry and Behavior, 2014, 123, 55-76.	2.9	11

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37	A review of ketamine in affective disorders: Current evidence of clinical efficacy, limitations of use and pre-clinical evidence on proposed mechanisms of action. Journal of Affective Disorders, 2014, 156, 24-35.	4.1	156
38	A ventral view on antidepressant action: roles for adult hippocampal neurogenesis along the dorsoventral axis. Trends in Pharmacological Sciences, 2014, 35, 675-687.	8.7	161
39	Activation but not blockade of GABAB receptors during early-life alters anxiety in adulthood in BALB/c mice. Neuropharmacology, 2014, 81, 303-310.	4.1	15
40	Towards translational rodent models of depression. Cell and Tissue Research, 2013, 354, 141-153.	2.9	54
41	GABAB receptor ligands do not modify conditioned fear responses in BALB/c mice. Behavioural Brain Research, 2013, 256, 151-156.	2.2	19
42	Hippocampal group III mGlu receptor mRNA levels are not altered in specific mouse models of stress, depression and antidepressant action. Pharmacology Biochemistry and Behavior, 2013, 103, 561-567.	2.9	8
43	Lithium augmentation of the effects of desipramine in a mouse model of treatment-resistant depression: A role for hippocampal cell proliferation. Neuroscience, 2013, 228, 36-46.	2.3	25
44	Lithium-induced effects on adult hippocampal neurogenesis are topographically segregated along the dorso-ventral axis of stressed mice. Neuropharmacology, 2012, 62, 247-255.	4.1	61
45	Early-life stress induces visceral hypersensitivity in mice. Neuroscience Letters, 2012, 512, 99-102.	2.1	63
46	Blockade of the GABAB receptor increases neurogenesis in the ventral but not dorsal adult hippocampus: Relevance to antidepressant action. Neuropharmacology, 2012, 63, 1380-1388.	4.1	61
47	Increased sensitivity to the effects of chronic social defeat stress in an innately anxious mouse strain. Neuroscience, 2011, 192, 524-536.	2.3	93
48	A Glutamate Pathway to Faster-Acting Antidepressants?. Science, 2010, 329, 913-914.	12.6	32
49	The Behavioral Genetics of Serotonin: Relevance to Anxiety and Depression. Handbook of Behavioral Neuroscience, 2010, 21, 749-789.	0.7	11
50	Chronic fluoxetine treatment increases expression of synaptic proteins in the hippocampus of the ovariectomized rat: Role of BDNF signalling. Psychoneuroendocrinology, 2009, 34, 367-381.	2.7	71
51	The Antidepressant Fluoxetine Restores Plasticity in the Adult Visual Cortex. Science, 2008, 320, 385-388.	12.6	814
52	Chronic antidepressant treatment selectively increases expression of plasticity-related proteins in the hippocampus and medial prefrontal cortex of the rat. Neuroscience, 2007, 144, 368-374.	2.3	187
53	The role of noradrenergic tone in the dorsal raphe nucleus of the mouse in the acute behavioral effects of antidepressant drugs. European Neuropsychopharmacology, 2007, 17, 215-226.	0.7	43
54	Depletion of serotonin and catecholamines block the acute behavioral response to different classes of antidepressant drugs in the mouse tail suspension test. Psychopharmacology, 2007, 192, 357-371.	3.1	152

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55	Norepinephrine-deficient mice lack responses to antidepressant drugs, including selective serotonin reuptake inhibitors. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8186-8191.	7.1	243
56	Automated tests for measuring the effects of antidepressants in mice. Pharmacology Biochemistry and Behavior, 2004, 78, 269-274.	2.9	98
57	Distinguishing roles for norepinephrine and serotonin in the behavioral effects of antidepressant drugs. Journal of Clinical Psychiatry, 2004, 65 Suppl 4, 11-24.	2.2	20