

# Olivia F O'leary

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6784146/publications.pdf>

Version: 2024-02-01

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	The Antidepressant Fluoxetine Restores Plasticity in the Adult Visual Cortex. <i>Science</i> , 2008, 320, 385-388.	12.6	814
2	Adult Hippocampal Neurogenesis Is Regulated by the Microbiome. <i>Biological Psychiatry</i> , 2015, 78, e7-e9.	1.3	363
3	Norepinephrine-deficient mice lack responses to antidepressant drugs, including selective serotonin reuptake inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8186-8191.	7.1	243
4	Chronic antidepressant treatment selectively increases expression of plasticity-related proteins in the hippocampus and medial prefrontal cortex of the rat. <i>Neuroscience</i> , 2007, 144, 368-374.	2.3	187
5	Role of adult hippocampal neurogenesis in stress resilience. <i>Neurobiology of Stress</i> , 2015, 1, 147-155.	4.0	165
6	A ventral view on antidepressant action: roles for adult hippocampal neurogenesis along the dorsoventral axis. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 675-687.	8.7	161
7	A review of ketamine in affective disorders: Current evidence of clinical efficacy, limitations of use and pre-clinical evidence on proposed mechanisms of action. <i>Journal of Affective Disorders</i> , 2014, 156, 24-35.	4.1	156
8	Depletion of serotonin and catecholamines block the acute behavioral response to different classes of antidepressant drugs in the mouse tail suspension test. <i>Psychopharmacology</i> , 2007, 192, 357-371.	3.1	152
9	Depression's Unholy Trinity: Dysregulated Stress, Immunity, and the Microbiome. <i>Annual Review of Psychology</i> , 2020, 71, 49-78.	17.7	152
10	Programming Bugs: Microbiota and the Developmental Origins of Brain Health and Disease. <i>Biological Psychiatry</i> , 2019, 85, 150-163.	1.3	146
11	Inhibiting neuroinflammation: The role and therapeutic potential of GABA in neuro-immune interactions. <i>Brain, Behavior, and Immunity</i> , 2016, 54, 260-277.	4.1	99
12	Automated tests for measuring the effects of antidepressants in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2004, 78, 269-274.	2.9	98
13	Increased sensitivity to the effects of chronic social defeat stress in an innately anxious mouse strain. <i>Neuroscience</i> , 2011, 192, 524-536.	2.3	93
14	The vagus nerve modulates BDNF expression and neurogenesis in the hippocampus. <i>European Neuropsychopharmacology</i> , 2018, 28, 307-316.	0.7	86
15	GABA <sub>B(1)</sub> receptor subunit isoforms differentially regulate stress resilience. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15232-15237.	7.1	77
16	Faster, better, stronger: Towards new antidepressant therapeutic strategies. <i>European Journal of Pharmacology</i> , 2015, 753, 32-50.	3.5	77
17	Chronic fluoxetine treatment increases expression of synaptic proteins in the hippocampus of the ovariectomized rat: Role of BDNF signalling. <i>Psychoneuroendocrinology</i> , 2009, 34, 367-381.	2.7	71
18	Early-life stress induces visceral hypersensitivity in mice. <i>Neuroscience Letters</i> , 2012, 512, 99-102.	2.1	63

#	ARTICLE	IF	CITATIONS
19	Lithium-induced effects on adult hippocampal neurogenesis are topographically segregated along the dorso-ventral axis of stressed mice. <i>Neuropharmacology</i> , 2012, 62, 247-255.	4.1	61
20	Blockade of the GABAB receptor increases neurogenesis in the ventral but not dorsal adult hippocampus: Relevance to antidepressant action. <i>Neuropharmacology</i> , 2012, 63, 1380-1388.	4.1	61
21	Nigral overexpression of $\alpha$ -synuclein in a rat Parkinson's disease model indicates alterations in the enteric nervous system and the gut microbiome. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13726.	3.0	61
22	Glycogen Synthase Kinase-3 as a Therapeutic Target for Cognitive Dysfunction in Neuropsychiatric Disorders. <i>CNS Drugs</i> , 2015, 29, 1-15.	5.9	55
23	Towards translational rodent models of depression. <i>Cell and Tissue Research</i> , 2013, 354, 141-153.	2.9	54
24	Modulation of TLR3/TLR4 inflammatory signaling by the GABAB receptor agonist baclofen in glia and immune cells: relevance to therapeutic effects in multiple sclerosis. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 284.	3.7	49
25	Microbial regulation of hippocampal miRNA expression: Implications for transcription of kynurenine pathway enzymes. <i>Behavioural Brain Research</i> , 2017, 334, 50-54.	2.2	44
26	The role of noradrenergic tone in the dorsal raphe nucleus of the mouse in the acute behavioral effects of antidepressant drugs. <i>European Neuropsychopharmacology</i> , 2007, 17, 215-226.	0.7	43
27	Chronic interleukin-1 $\beta$ in the dorsal hippocampus impairs behavioural pattern separation. <i>Brain, Behavior, and Immunity</i> , 2018, 74, 252-264.	4.1	33
28	A Glutamate Pathway to Faster-Acting Antidepressants?. <i>Science</i> , 2010, 329, 913-914.	12.6	32
29	Differential effects of adolescent and adult-initiated exercise on cognition and hippocampal neurogenesis. <i>Hippocampus</i> , 2019, 29, 352-365.	1.9	30
30	A low-cost touchscreen operant chamber using a Raspberry Pi. <i>Behavior Research Methods</i> , 2018, 50, 2523-2530.	4.0	28
31	Deletion of <i>TLX</i> and social isolation impairs exercise-induced neurogenesis in the adolescent hippocampus. <i>Hippocampus</i> , 2018, 28, 3-11.	1.9	28
32	Lithium augmentation of the effects of desipramine in a mouse model of treatment-resistant depression: A role for hippocampal cell proliferation. <i>Neuroscience</i> , 2013, 228, 36-46.	2.3	25
33	Differential effects of adolescent and adult-initiated voluntary exercise on context and cued fear conditioning. <i>Neuropharmacology</i> , 2019, 145, 49-58.	4.1	24
34	Adult-born neurons from the dorsal, intermediate, and ventral regions of the longitudinal axis of the hippocampus exhibit differential sensitivity to glucocorticoids. <i>Molecular Psychiatry</i> , 2020, 26, 3240-3252.	7.9	21
35	The nuclear receptor <i>Tlx</i> regulates motor, cognitive and anxiety-related behaviours during adolescence and adulthood. <i>Behavioural Brain Research</i> , 2016, 306, 36-47.	2.2	20
36	Distinguishing roles for norepinephrine and serotonin in the behavioral effects of antidepressant drugs. <i>Journal of Clinical Psychiatry</i> , 2004, 65 Suppl 4, 11-24.	2.2	20

#	ARTICLE	IF	CITATIONS
37	GABAB receptor ligands do not modify conditioned fear responses in BALB/c mice. <i>Behavioural Brain Research</i> , 2013, 256, 151-156.	2.2	19
38	Chronic intrahippocampal interleukin-1 $\beta$ overexpression in adolescence impairs hippocampal neurogenesis but not neurogenesis-associated cognition. <i>Brain, Behavior, and Immunity</i> , 2020, 83, 172-179.	4.1	19
39	When ageing meets the blues: Are current antidepressants effective in depressed aged patients?. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 55, 478-497.	6.1	16
40	Activation but not blockade of GABAB receptors during early-life alters anxiety in adulthood in BALB/c mice. <i>Neuropharmacology</i> , 2014, 81, 303-310.	4.1	15
41	Elucidation of the neural circuits activated by a GABAB receptor positive modulator: Relevance to anxiety. <i>Neuropharmacology</i> , 2018, 136, 129-145.	4.1	15
42	Without a bug's life: Germ-free rodents to interrogate microbiota-gut-neuroimmune interactions. <i>Drug Discovery Today: Disease Models</i> , 2018, 28, 79-93.	1.2	14
43	GABAB Receptors: Anxiety and Mood Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2020, , 1.	1.7	13
44	Regulation of behaviour by the nuclear receptor $\text{TLX}$ . <i>Genes, Brain and Behavior</i> , 2018, 17, e12357.	2.2	12
45	The Behavioral Genetics of Serotonin: Relevance to Anxiety and Depression. <i>Handbook of Behavioral Neuroscience</i> , 2010, 21, 749-789.	0.7	11
46	Drugs, genes and the blues: Pharmacogenetics of the antidepressant response from mouse to man. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 123, 55-76.	2.9	11
47	Differential roles of GABAB1 subunit isoforms on locomotor responses to acute and repeated administration of cocaine. <i>Behavioural Brain Research</i> , 2016, 298, 12-16.	2.2	10
48	Specific sub-regions along the longitudinal axis of the hippocampus mediate antidepressant-like behavioral effects. <i>Neurobiology of Stress</i> , 2021, 14, 100331.	4.0	9
49	Hippocampal group III mGlu receptor mRNA levels are not altered in specific mouse models of stress, depression and antidepressant action. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 103, 561-567.	2.9	8
50	Prior maternal separation stress alters the dendritic complexity of new hippocampal neurons and neuroinflammation in response to an inflammatory stressor in juvenile female rats. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 327-338.	4.1	8
51	Revisiting the behavioral genetics of serotonin: relevance to anxiety and depression. <i>Handbook of Behavioral Neuroscience</i> , 2020, , 665-709.	0.7	6
52	Specific sub-regions of the longitudinal axis of the hippocampus mediate behavioural responses to chronic psychosocial stress. <i>Neuropharmacology</i> , 2021, 201, 108843.	4.1	6
53	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. <i>Behavioural Brain Research</i> , 2022, 421, 113725.	2.2	4
54	The hippocampus and dorsal raphe nucleus are key brain areas associated with the antidepressant effects of lithium augmentation of desipramine. <i>Neuroscience Letters</i> , 2017, 648, 14-20.	2.1	3

#	ARTICLE	IF	CITATIONS
55	Enduring effects of muscarinic receptor activation on adult hippocampal neurogenesis, microRNA expression and behaviour. Behavioural Brain Research, 2019, 362, 188-198.	2.2	3
56	Cover Image, Volume 28, Issue 1. Hippocampus, 2018, 28, C1.	1.9	0
57	GABAB receptors, depression, and stress resilience. , 2020, , 63-79.		0