

# Jocelien Olivier

## List of Publications by Citations

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**Version:** 2024-04-28

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42  
papers

2,222  
citations

22  
h-index

47  
g-index

48  
ext. papers

2,506  
ext. citations

5  
avg, IF

4.33  
L-index

#	Paper	IF	Citations
42	CREB activity in the nucleus accumbens shell controls gating of behavioral responses to emotional stimuli. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 11435-40	11.5	410
41	Characterization of the serotonin transporter knockout rat: a selective change in the functioning of the serotonergic system. <i>Neuroscience</i> , <b>2007</b> , 146, 1662-76	3.9	196
40	A study in male and female 5-HT transporter knockout rats: an animal model for anxiety and depression disorders. <i>Neuroscience</i> , <b>2008</b> , 152, 573-84	3.9	178
39	Conserved role for the serotonin transporter gene in rat and mouse neurobehavioral endophenotypes. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2010</b> , 34, 373-86	9	157
38	Generation of gene knockouts and mutant models in the laboratory rat by ENU-driven target-selected mutagenesis. <i>Pharmacogenetics and Genomics</i> , <b>2006</b> , 16, 159-69	1.9	147
37	Fluoxetine administration to pregnant rats increases anxiety-related behavior in the offspring. <i>Psychopharmacology</i> , <b>2011</b> , 217, 419-32	4.7	102
36	The age-dependent effects of selective serotonin reuptake inhibitors in humans and rodents: A review. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2011</b> , 35, 1400-8	5.5	97
35	Animal models of depression and anxiety: What do they tell us about human condition?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2011</b> , 35, 1357-75	5.5	96
34	Reduced function of the serotonin transporter is associated with decreased expression of BDNF in rodents as well as in humans. <i>Neurobiology of Disease</i> , <b>2010</b> , 37, 747-55	7.5	84
33	The effects of maternal depression and maternal selective serotonin reuptake inhibitor exposure on offspring. <i>Frontiers in Cellular Neuroscience</i> , <b>2013</b> , 7, 73	6.1	79
32	Adaptations in pre- and postsynaptic 5-HT <sub>1A</sub> receptor function and cocaine supersensitivity in serotonin transporter knockout rats. <i>Psychopharmacology</i> , <b>2008</b> , 200, 367-80	4.7	78
31	Fluoxetine exerts age-dependent effects on behavior and amygdala neuroplasticity in the rat. <i>PLoS ONE</i> , <b>2011</b> , 6, e16646	3.7	64
30	Reversal of startle gating deficits in transgenic mice overexpressing corticotropin-releasing factor by antipsychotic drugs. <i>Neuropsychopharmacology</i> , <b>2003</b> , 28, 1790-8	8.7	49
29	Developmental influence of the serotonin transporter on the expression of npas4 and GABAergic markers: modulation by antidepressant treatment. <i>Neuropsychopharmacology</i> , <b>2012</b> , 37, 746-58	8.7	47
28	Serotonin Transporter Genotype Modulates the Gut Microbiota Composition in Young Rats, an Effect Augmented by Early Life Stress. <i>Frontiers in Cellular Neuroscience</i> , <b>2017</b> , 11, 222	6.1	43
27	Acute tryptophan depletion dose dependently impairs object memory in serotonin transporter knockout rats. <i>Psychopharmacology</i> , <b>2008</b> , 200, 243-54	4.7	36
26	Lower inflammatory markers in women with antenatal depression brings the M1/M2 balance into focus from a new direction. <i>Psychoneuroendocrinology</i> , <b>2017</b> , 80, 15-25	5	35

25	Serotonin transporter deficiency in rats contributes to impaired object memory. <i>Genes, Brain and Behavior</i> , <b>2009</b> , 8, 829-34	3.6	34
24	The Serotonin Transporter and Early Life Stress: Translational Perspectives. <i>Frontiers in Cellular Neuroscience</i> , <b>2017</b> , 11, 117	6.1	32
23	Treatment with serotonin reuptake inhibitors during pregnancy is associated with elevated corticotropin-releasing hormone levels. <i>Psychoneuroendocrinology</i> , <b>2015</b> , 58, 104-13	5	29
22	The role of the dopamine D1 receptor in social cognition: studies using a novel genetic rat model. <i>DMM Disease Models and Mechanisms</i> , <b>2016</b> , 9, 1147-1158	4.1	27
21	The role of the serotonergic and GABA system in translational approaches in drug discovery for anxiety disorders. <i>Frontiers in Pharmacology</i> , <b>2013</b> , 4, 74	5.6	27
20	Effects of Fluoxetine on Human Embryo Development. <i>Frontiers in Cellular Neuroscience</i> , <b>2016</b> , 10, 160	6.1	21
19	Tandem mass spectrometry determined maternal cortisone to cortisol ratio and psychiatric morbidity during pregnancy-interaction with birth weight. <i>Psychoneuroendocrinology</i> , <b>2016</b> , 69, 142-9	5	20
18	Altered expression and modulation of activity-regulated cytoskeletal associated protein (Arc) in serotonin transporter knockout rats. <i>European Neuropsychopharmacology</i> , <b>2009</b> , 19, 898-904	1.2	18
17	The effect of antenatal depression and selective serotonin reuptake inhibitor treatment on nerve growth factor signaling in human placenta. <i>PLoS ONE</i> , <b>2015</b> , 10, e0116459	3.7	16
16	MID-PREGNANCY CORTICOTROPIN-RELEASING HORMONE LEVELS IN ASSOCIATION WITH POSTPARTUM DEPRESSIVE SYMPTOMS. <i>Depression and Anxiety</i> , <b>2016</b> , 33, 1023-1030	8.4	16
15	Maternal separation induces anhedonia in female heterozygous serotonin transporter knockout rats. <i>Behavioural Brain Research</i> , <b>2019</b> , 356, 204-207	3.4	13
14	Antidepressant treatment with fluoxetine during pregnancy and lactation modulates the gut microbiome and metabolome in a rat model relevant to depression. <i>Gut Microbes</i> , <b>2020</b> , 11, 735-753	8.8	12
13	Tramadol: Effects on sexual behavior in male rats are mainly caused by its 5-HT reuptake blocking effects. <i>Neuropharmacology</i> , <b>2017</b> , 116, 50-58	5.5	11
12	Tramadol's Inhibitory Effects on Sexual Behavior: Pharmacological Studies in Serotonin Transporter Knockout Rats. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 676	5.6	10
11	Gene Expression in Placentas From Nondiabetic Women Giving Birth to Large for Gestational Age Infants. <i>Reproductive Sciences</i> , <b>2015</b> , 22, 1281-8	3	9
10	Supraphysiological hormonal status, anxiety disorders, and COMT Val/Val genotype are associated with reduced sensorimotor gating in women. <i>Psychoneuroendocrinology</i> , <b>2015</b> , 60, 217-23	5	9
9	The effect of antenatal depression and antidepressant treatment on placental tissue: a protein-validated gene expression study. <i>BMC Pregnancy and Childbirth</i> , <b>2019</b> , 19, 479	3.2	7
8	Perinatal fluoxetine treatment and dams' early life stress history have opposite effects on aggressive behavior while having little impact on sexual behavior of male rat offspring. <i>Psychopharmacology</i> , <b>2020</b> , 237, 2589-2600	4.7	6

7	Serotonin 1A receptors and sexual behavior in a genetic model of depression. <i>Pharmacology Biochemistry and Behavior</i> , <b>2014</b> , 121, 82-7	3.9	4
6	Perinatal fluoxetine exposure disrupts the circadian response to a phase-shifting challenge in female rats. <i>Psychopharmacology</i> , <b>2020</b> , 237, 2555-2568	4.7	1
5	The serotonin transporter knock-out rat: a review 170-213		1
4	Placebo: een ingewikkeld fenomeen. <i>Neuropraxis</i> , <b>2016</b> , 20, 127-132	0	1
3	De impact van maternale depressie en antidepressiva tijdens de zwangerschap op de nakomelingen. <i>Neuropraxis</i> , <b>2015</b> , 19, 25-30	0	
2	Knockout and Mutant Rats. <i>Neuromethods</i> , <b>2010</b> , 13-31	0.4	
1	Constitutive Serotonin Transporter Reduction Resembles Maternal Separation with Regard to Stress-Related Gene Expression. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 3132-3142	5.7	