

# Samia Regiane Joca

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102  
papers

2,815  
citations

30  
h-index

50  
g-index

126  
ext. papers

3,408  
ext. citations

4.3  
avg, IF

5.38  
L-index

#	Paper	IF	Citations
102	Fluoxetine acts concomitantly on dorsal and ventral hippocampus to Trk-dependently modulate the extinction of fear memory. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2022</b> , 113, 110451	5.5	1
101	TINY IN SIZE, BIG IN IMPACT: EXTRACELLULAR VESICLES AS MODULATORS OF MOOD, ANXIETY AND NEURODEVELOPMENTAL DISORDERS.. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2022</b> , 104582	9	0
100	Targeting 2-arachidonoylglycerol signalling in the neurobiology and treatment of depression. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2021</b> , 129, 3-14	3.1	2
99	DNA methylation in stress and depression: from biomarker to therapeutics. <i>Acta Neuropsychiatrica</i> , <b>2021</b> , 33, 217-241	3.9	0
98	Modulation of DNA Methylation and Gene Expression in Rodent Cortical Neuroplasticity Pathways Exerts Rapid Antidepressant-Like Effects. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 777-794	6.2	4
97	Early-life stress effects on BDNF DNA methylation in first-episode psychosis and in rats reared in isolation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2021</b> , 108, 110188	5.5	6
96	Co-administration of cannabidiol and ketamine induces antidepressant-like effects devoid of hyperlocomotor side-effects. <i>Neuropharmacology</i> , <b>2021</b> , 195, 108679	5.5	3
95	Cannabidiol prevents disruptions in sensorimotor gating induced by psychotomimetic drugs that last for 24-h with probable involvement of epigenetic changes in the ventral striatum. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2021</b> , 111, 110352	5.5	5
94	Putative effects of cannabidiol in depression and synaptic plasticity <b>2021</b> , 459-467		1
93	Dual effects of S-adenosyl-methionine on PC12 cells exposed to the dopaminergic neurotoxin MPP. <i>Journal of Pharmacy and Pharmacology</i> , <b>2020</b> , 72, 1427-1435	4.8	1
92	Ketamine effects on anxiety and fear-related behaviors: Current literature evidence and new findings. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2020</b> , 100, 109878	5.5	6
91	CBD modulates DNA methylation in the prefrontal cortex and hippocampus of mice exposed to forced swim. <i>Behavioural Brain Research</i> , <b>2020</b> , 388, 112627	3.4	14
90	A valepotriate-enriched fraction from Valeriana glechomifolia decreases DNA methylation and up-regulate TrkB receptors in the hippocampus of mice. <i>Behavioural Pharmacology</i> , <b>2020</b> , 31, 333-342	2.4	1
89	Nitric Oxide Synthase inhibition counteracts the stress-induced DNA methyltransferase 3b expression in the hippocampus of rats. <i>European Journal of Neuroscience</i> , <b>2020</b> ,	3.5	2
88	Epigenetic-mediated -methyl-D-aspartate receptor changes in the brain of isolated reared rats. <i>Epigenomics</i> , <b>2020</b> , 12, 1983-1997	4.4	3
87	Antidepressant-like effect induced by P2X7 receptor blockade in FSL rats is associated with BDNF signalling activation. <i>Journal of Psychopharmacology</i> , <b>2019</b> , 33, 1436-1446	4.6	10
86	Attenuation of glutamatergic and nitrenergic system contributes to the antidepressant-like effect induced by capsazepine in the forced swimming test. <i>Behavioural Pharmacology</i> , <b>2019</b> , 30, 59-66	2.4	7

85	Esketamine and rapastinel, but not imipramine, have antidepressant-like effect in a treatment-resistant animal model of depression. <i>Acta Neuropsychiatrica</i> , <b>2019</b> , 31, 258-265	3.9	8
84	P2X7 Receptor Signaling in Stress and Depression. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	43
83	Activation of the TRKB receptor mediates the panicolytic-like effect of the NOS inhibitor aminoguanidine. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2019</b> , 93, 232-239	5.5	3
82	Emerging evidence for the antidepressant effect of cannabidiol and the underlying molecular mechanisms. <i>Journal of Chemical Neuroanatomy</i> , <b>2019</b> , 98, 104-116	3.2	32
81	Prelimbic neuronal nitric oxide synthase inhibition exerts antidepressant-like effects independently of BDNF signalling cascades. <i>Acta Neuropsychiatrica</i> , <b>2019</b> , 31, 143-150	3.9	6
80	Cannabidiol Induces Rapid and Sustained Antidepressant-Like Effects Through Increased BDNF Signaling and Synaptogenesis in the Prefrontal Cortex. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 1070-1081	6.2	67
79	Melanin-concentrating hormone in the Locus Coeruleus aggravates helpless behavior in stressed rats. <i>Behavioural Brain Research</i> , <b>2019</b> , 374, 112120	3.4	3
78	Dual mechanism of TRKB activation by anandamide through CB1 and TRPV1 receptors. <i>PeerJ</i> , <b>2019</b> , 7, e6493	3.1	7
77	Reduced P2X receptor levels are associated with antidepressant effect in the learned helplessness model. <i>PeerJ</i> , <b>2019</b> , 7, e7834	3.1	5
76	Effects of DNA methyltransferase inhibition on pattern separation performance in mice. <i>Neurobiology of Learning and Memory</i> , <b>2019</b> , 159, 6-15	3.1	3
75	Nitric oxide signalling and antidepressant action revisited. <i>Cell and Tissue Research</i> , <b>2019</b> , 377, 45-58	4.2	22
74	S-ketamine reduces marble burying behaviour: Involvement of ventromedial orbitofrontal cortex and AMPA receptors. <i>Neuropharmacology</i> , <b>2019</b> , 144, 233-243	5.5	8
73	Repeated treatment with nitric oxide synthase inhibitor attenuates learned helplessness development in rats and increases hippocampal BDNF expression. <i>Acta Neuropsychiatrica</i> , <b>2018</b> , 30, 127-136	3.9	7
72	Elastase-2 Knockout Mice Display Anxiogenic- and Antidepressant-Like Phenotype: Putative Role for BDNF Metabolism in Prefrontal Cortex. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 7062-7071	6.2	3
71	Antidepressant-like effect of losartan involves TRKB transactivation from angiotensin receptor type 2 (AGTR2) and recruitment of FYN. <i>Neuropharmacology</i> , <b>2018</b> , 135, 163-171	5.5	30
70	Beyond good and evil: A putative continuum-sorting hypothesis for the functional role of proBDNF/BDNF-propeptide/mBDNF in antidepressant treatment. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2018</b> , 90, 70-83	9	29
69	Antidepressant administration modulates stress-induced DNA methylation and DNA methyltransferase expression in rat prefrontal cortex and hippocampus. <i>Behavioural Brain Research</i> , <b>2018</b> , 343, 8-15	3.4	22
68	Multimodal early-life stress induces biological changes associated to psychopathologies. <i>Hormones and Behavior</i> , <b>2018</b> , 100, 69-80	3.7	7

67	Antidepressant-like effect induced by Cannabidiol is dependent on brain serotonin levels. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 86, 255-261	5.5	49
66	The antidepressant-like effect of galanin in the dorsal raphe nucleus of rats involves GAL receptors. <i>Neuroscience Letters</i> , <b>2018</b> , 681, 26-30	3.3	12
65	Inducible nitric oxide synthase (NOS2) knockout mice as a model of trichotillomania. <i>PeerJ</i> , <b>2018</b> , 6, e46351	3.5	5
64	Prolonged Periods of Social Isolation From Weaning Reduce the Anti-inflammatory Cytokine IL-10 in Blood and Brain. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 1011	5.1	7
63	Mice lacking interleukin-18 gene display behavioral changes in animal models of psychiatric disorders: Possible involvement of immunological mechanisms. <i>Journal of Neuroimmunology</i> , <b>2018</b> , 314, 58-66	3.5	8
62	Hippocampal mammalian target of rapamycin is implicated in stress-coping behavior induced by cannabidiol in the forced swim test. <i>Journal of Psychopharmacology</i> , <b>2018</b> , 32, 922-931	4.6	12
61	Participation of hippocampal nitric oxide synthase and soluble guanylate cyclase in the modulation of behavioral responses elicited by the rat forced swimming test. <i>Behavioural Pharmacology</i> , <b>2017</b> , 28, 19-29	2.4	10
60	A dual inhibitor of FAAH and TRPV1 channels shows dose-dependent effect on depression-like behaviour in rats. <i>Acta Neuropsychiatrica</i> , <b>2017</b> , 29, 324-329	3.9	14
59	Ketamine and aminoguanidine differentially affect Bdnf and Mtor gene expression in the prefrontal cortex of adult male rats. <i>European Journal of Pharmacology</i> , <b>2017</b> , 815, 304-311	5.3	11
58	Monoamine involvement in the antidepressant-like effect induced by P2 blockade. <i>Brain Research</i> , <b>2017</b> , 1676, 19-27	3.7	13
57	Isoflurane produces antidepressant effects and induces TrkB signaling in rodents. <i>Scientific Reports</i> , <b>2017</b> , 7, 7811	4.9	45
56	Involvement of CB and TRPV1 receptors located in the ventral medial prefrontal cortex in the modulation of stress coping behavior. <i>Neuroscience</i> , <b>2017</b> , 340, 126-134	3.9	17
55	Plastic and Neuroprotective Mechanisms Involved in the Therapeutic Effects of Cannabidiol in Psychiatric Disorders. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 269	5.6	78
54	Epigenetic Basis of Neuronal and Synaptic Plasticity. <i>Current Topics in Medicinal Chemistry</i> , <b>2017</b> , 17, 771-793	3.5	18
53	Antidepressant-like effect of cannabidiol injection into the ventral medial prefrontal cortex-Possible involvement of 5-HT1A and CB1 receptors. <i>Behavioural Brain Research</i> , <b>2016</b> , 303, 218-227	3.4	89
52	Effect of omega-3 polyunsaturated fatty acid treatment over mechanical allodynia and depressive-like behavior associated with experimental diabetes. <i>Behavioural Brain Research</i> , <b>2016</b> , 298, 57-64	3.4	29
51	NMDA-NO signaling in the dorsal and ventral hippocampus time-dependently modulates the behavioral responses to forced swimming stress. <i>Behavioural Brain Research</i> , <b>2016</b> , 307, 126-36	3.4	13
50	Site-Specific Delivery of Epigenetic Modulating Drugs into the Rat Brain. <i>Neuromethods</i> , <b>2016</b> , 149-159	0.4	1

49	Nitric Oxide Signaling in Depression and Antidepressant Action <b>2016</b> , 765-792		1
48	Treatment with nitric oxide synthesis inhibitors decreases global DNA methylation in the ventral hippocampus of rats submitted to learned helplessness. <i>European Neuropsychopharmacology</i> , <b>2016</b> , 26, S245	1.2	
47	Effects of DNA methylation inhibitors and conventional antidepressants on mice behaviour and brain DNA methylation levels. <i>Acta Neuropsychiatrica</i> , <b>2016</b> , 28, 11-22	3.9	27
46	Prelimbic cortex 5-HT1A and 5-HT2C receptors are involved in the hypophagic effects caused by fluoxetine in fasted rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>2015</b> , 136, 31-8	3.9	4
45	BDNF-TRKB signaling system of the dorsal periaqueductal gray matter is implicated in the panicolytic-like effect of antidepressant drugs. <i>European Neuropsychopharmacology</i> , <b>2015</b> , 25, 913-22	1.2	13
44	The prefrontal cortex muscarinic M <sub>2</sub> receptor-nitric oxide-guanylyl cyclase pathway modulates cardiovascular responses in rats. <i>Journal of Neuroscience Research</i> , <b>2015</b> , 93, 830-8	4.4	9
43	Nitric oxide involvement in the antidepressant-like effect of ketamine in the Flinders sensitive line rat model of depression. <i>Acta Neuropsychiatrica</i> , <b>2015</b> , 27, 90-6	3.9	36
42	Increased Contextual Fear Conditioning in iNOS Knockout Mice: Additional Evidence for the Involvement of Nitric Oxide in Stress-Related Disorders and Contribution of the Endocannabinoid System. <i>International Journal of Neuropsychopharmacology</i> , <b>2015</b> , 18,	5.8	27
41	Antidepressant-like effects induced by NMDA receptor blockade and NO synthesis inhibition in the ventral medial prefrontal cortex of rats exposed to the forced swim test. <i>Psychopharmacology</i> , <b>2015</b> , 232, 2263-73	4.7	22
40	Interplay Between Nitric Oxide and Brain-Derived Neurotrophic Factor in Neuronal Plasticity. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2015</b> , 14, 979-87	2.6	30
39	Atypical Neurotransmitters and the Neurobiology of Depression. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2015</b> , 14, 1001-11	2.6	19
38	Epigenetic regulation of adult neural stem cells: implications for Alzheimer's disease. <i>Molecular Neurodegeneration</i> , <b>2014</b> , 9, 25	19	46
37	Hippocampal nNOS inhibition induces an antidepressant-like effect: involvement of 5HT1A receptors. <i>Behavioural Pharmacology</i> , <b>2014</b> , 25, 187-96	2.4	24
36	The antimanic-like effect of phenytoin and carbamazepine on methylphenidate-induced hyperlocomotion: role of voltage-gated sodium channels. <i>Fundamental and Clinical Pharmacology</i> , <b>2013</b> , 27, 650-5	3.1	12
35	Antidepressant- and anticomulsive-like effects of purinergic receptor blockade: involvement of nitric oxide. <i>European Neuropsychopharmacology</i> , <b>2013</b> , 23, 1769-78	1.2	35
34	Noradrenergic neurotransmission within the bed nucleus of the stria terminalis modulates the retention of immobility in the rat forced swimming test. <i>Behavioural Pharmacology</i> , <b>2013</b> , 24, 214-21	2.4	7
33	Dorsal and ventral hippocampus modulate autonomic responses but not behavioral consequences associated to acute restraint stress in rats. <i>PLoS ONE</i> , <b>2013</b> , 8, e77750	3.7	19
32	Changes in hippocampal gene expression by 7-nitroindazole in rats submitted to forced swimming stress. <i>Genes, Brain and Behavior</i> , <b>2012</b> , 11, 303-13	3.6	21

31	Eag1, Eag2, and SK3 potassium channel expression in the rat hippocampus after global transient brain ischemia. <i>Journal of Neuroscience Research</i> , <b>2012</b> , 90, 632-40	4.4	8
30	Inhibition of iNOS induces antidepressant-like effects in mice: pharmacological and genetic evidence. <i>Neuropharmacology</i> , <b>2012</b> , 62, 485-91	5.5	62
29	Neuronal NOS inhibitor and conventional antidepressant drugs attenuate stress-induced fos expression in overlapping brain regions. <i>Cellular and Molecular Neurobiology</i> , <b>2012</b> , 32, 443-53	4.6	36
28	Distinct behavioral consequences of stress models of depression in the elevated T-maze. <i>Behavioural Brain Research</i> , <b>2011</b> , 225, 590-5	3.4	15
27	Antidepressant-like effect induced by systemic and intra-hippocampal administration of DNA methylation inhibitors. <i>British Journal of Pharmacology</i> , <b>2011</b> , 164, 1711-21	8.6	99
26	Chronic fluoxetine treatment alters cardiovascular functions in unanesthetized rats. <i>European Journal of Pharmacology</i> , <b>2011</b> , 670, 527-33	5.3	29
25	Antidepressant-like effects of cannabidiol in mice: possible involvement of 5-HT1A receptors. <i>British Journal of Pharmacology</i> , <b>2010</b> , 159, 122-8	8.6	220
24	Eag 1, Eag 2 and Kcnn3 gene brain expression of isolated reared rats. <i>Genes, Brain and Behavior</i> , <b>2010</b> , 9, 918-24	3.6	7
23	Tolerance to the cataleptic effect that follows repeated nitric oxide synthase inhibition may be related to functional enzymatic recovery. <i>Journal of Psychopharmacology</i> , <b>2010</b> , 24, 397-405	4.6	11
22	Acute reversible inactivation of the bed nucleus of stria terminalis induces antidepressant-like effect in the rat forced swimming test. <i>Behavioral and Brain Functions</i> , <b>2010</b> , 6, 30	4.1	32
21	Acute reversible inactivation of the ventral medial prefrontal cortex induces antidepressant-like effects in rats. <i>Behavioural Brain Research</i> , <b>2010</b> , 214, 437-42	3.4	42
20	5-HT1A receptors are involved in the cannabidiol-induced attenuation of behavioural and cardiovascular responses to acute restraint stress in rats. <i>British Journal of Pharmacology</i> , <b>2009</b> , 156, 181-8	8.6	171
19	Antidepressant-like effects of N-acetyl-L-cysteine in rats. <i>Behavioural Pharmacology</i> , <b>2008</b> , 19, 747-50	2.4	48
18	Effects of reversible inactivation of the dorsal hippocampus on the behavioral and cardiovascular responses to an aversive conditioned context. <i>Behavioural Pharmacology</i> , <b>2008</b> , 19, 137-44	2.4	33
17	Modulation of stress consequences by hippocampal monoaminergic, glutamatergic and nitrenergic neurotransmitter systems. <i>Stress</i> , <b>2007</b> , 10, 227-49	3	108
16	Inhibition of nitric oxide synthase increases synaptophysin mRNA expression in the hippocampal formation of rats. <i>Neuroscience Letters</i> , <b>2007</b> , 421, 72-6	3.3	17
15	Inhibition of neuronal nitric oxide synthase in the rat hippocampus induces antidepressant-like effects. <i>Psychopharmacology</i> , <b>2006</b> , 185, 298-305	4.7	151
14	Post-stress facilitation of serotonergic, but not noradrenergic, neurotransmission in the dorsal hippocampus prevents learned helplessness development in rats. <i>Brain Research</i> , <b>2006</b> , 1087, 67-74	3.7	30

13	Effects of cannabidiol and diazepam on behavioral and cardiovascular responses induced by contextual conditioned fear in rats. <i>Behavioural Brain Research</i> , <b>2006</b> , 172, 294-8	3.4	116
12	Further evidence that anxiety and memory are regionally dissociated within the hippocampus. <i>Behavioural Brain Research</i> , <b>2006</b> , 175, 183-8	3.4	93
11	Involvement of medial prefrontal cortex neurons in behavioral and cardiovascular responses to contextual fear conditioning. <i>Neuroscience</i> , <b>2006</b> , 143, 377-85	3.9	82
10	Activation of post-synaptic 5-HT(1A) receptors in the dorsal hippocampus prevents learned helplessness development. <i>Brain Research</i> , <b>2003</b> , 978, 177-84	3.7	78
9	Evaluation of the face validity of reserpine administration as an animal model of depression--Parkinson's disease association. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2002</b> , 26, 879-83	5.5	42
8	Anxiogenic effect of median raphe nucleus lesion in stressed rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2002</b> , 26, 1135-41	5.5	36
7	Effects of isolation-rearing on serotonin-1A and M1-muscarinic receptor messenger RNA expression in the hippocampal formation of rats. <i>Neuroscience Letters</i> , <b>2002</b> , 332, 123-6	3.3	14
6	The antidepressive-like effect of oxcarbazepine: possible role of dopaminergic neurotransmission. <i>European Neuropsychopharmacology</i> , <b>2000</b> , 10, 223-8	1.2	32
5	The effect of oxcarbazepine on behavioural despair and learned helplessness. <i>European Journal of Pharmacology</i> , <b>1998</b> , 347, 23-7	5.3	17
4	Anticompulsive-like effect of nitric oxide synthase inhibitors in marble-burying test1,		2
3	Inducible nitric oxide synthase (NOS2) knockout mice as a model of trichotillomania		1
2	Isoflurane produces antidepressant effects and induces TrkB signaling in rodents		2
1	Cannabidiol as an add-on therapy to overcome the slow-onset and, possibly, resistance to antidepressant treatment: involvement of NAPE-PLD in the medial prefrontal cortex		1