

# Francesca Calabrese

## 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.

68

papers

3,033

citations

29

h-index

54

g-index

75

ext. papers

3,554

ext. citations

6

avg, IF

5.08

L-index

#	Paper	IF	Citations
68	Metabolomic signature and mitochondrial dynamics outline the difference between vulnerability and resilience to chronic stress.. <i>Translational Psychiatry</i> , <b>2022</b> , 12, 87	8.6	0
67	Altered responsiveness of the antioxidant system in chronically stressed animals: modulation by chronic lurasidone treatment.. <i>Psychopharmacology</i> , <b>2022</b> , 1	4.7	0
66	BDNF Overexpression in the Ventral Hippocampus Promotes Antidepressant- and Anxiolytic-Like Activity in Serotonin Transporter Knockout Rats. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
65	Stress Modifies the Expression of Glucocorticoid-Responsive Genes by Acting at Epigenetic Levels in the Rat Prefrontal Cortex: Modulatory Activity of Lurasidone. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	7
64	The coupling of RACK1 with the beta isoform of the glucocorticoid receptor promotes resilience to chronic stress exposure. <i>Neurobiology of Stress</i> , <b>2021</b> , 15, 100372	7.6	2
63	The Absence of Serotonin in the Brain Alters Acute Stress Responsiveness by Interfering With the Genomic Function of the Glucocorticoid Receptors. <i>Frontiers in Cellular Neuroscience</i> , <b>2020</b> , 14, 128	6.1	3
62	L. Phytosome Improves Cognitive Performance by Promoting Bdnf Expression in Rat Prefrontal Cortex. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	14
61	Acute Stress Induces Cognitive Improvement in the Novel Object Recognition Task by Transiently Modulating Bdnf in the Prefrontal Cortex of Male Rats. <i>Cellular and Molecular Neurobiology</i> , <b>2020</b> , 40, 1037-1047	4.6	18
60	Effect of lurasidone treatment on chronic mild stress-induced behavioural deficits in male rats: The potential role for glucocorticoid receptor signalling. <i>Journal of Psychopharmacology</i> , <b>2020</b> , 34, 420-428	4.6	11
59	Neonatal Tactile Stimulation Alters Behaviors in Heterozygous Serotonin Transporter Male Rats: Role of the Amygdala. <i>Frontiers in Behavioral Neuroscience</i> , <b>2020</b> , 14, 142	3.5	2
58	Chronic Treatment with a Phytosomal Preparation Containing L. and L. Affects Local Protein Synthesis by Modulating the BDNF-mTOR-S6 Pathway. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	3
57	Enrichment Environment Positively Influences Depression- and Anxiety-Like Behavior in Serotonin Transporter Knockout Rats through the Modulation of Neuroplasticity, Spine, and GABAergic Markers. <i>Genes</i> , <b>2020</b> , 11,	4.2	1
56	Chronic Restraint Stress Inhibits the Response to a Second Hit in Adult Male Rats: A Role for BDNF Signaling. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
55	Chronic treatment with the antipsychotic drug blonanserin modulates the responsiveness to acute stress with anatomical selectivity. <i>Psychopharmacology</i> , <b>2020</b> , 237, 1783-1793	4.7	8
54	Impaired Fear Extinction Recall in Serotonin Transporter Knockout Rats Is Transiently Alleviated during Adolescence. <i>Brain Sciences</i> , <b>2019</b> , 9,	3.4	9
53	Alterations of Glutamatergic Markers in the Prefrontal Cortex of Serotonin Transporter Knockout Rats: A Developmental Timeline. <i>Cellular and Molecular Neurobiology</i> , <b>2019</b> , 39, 715-720	4.6	9
52	Chronic vortioxetine treatment improves the responsiveness to an acute stress acting through the ventral hippocampus in a glucocorticoid-dependent way. <i>Pharmacological Research</i> , <b>2019</b> , 142, 14-21	10.2	21

51	From Healthy Aging to Frailty: In Search of the Underlying Mechanisms. <i>Current Medicinal Chemistry</i> , <b>2019</b> , 26, 3685-3701	4.3	16
50	d-Cycloserine enhanced extinction of cocaine-induced conditioned place preference is attenuated in serotonin transporter knockout rats. <i>Addiction Biology</i> , <b>2018</b> , 23, 120-129	4.6	11
49	TPH2 Deficiency Influences Neuroplastic Mechanisms and Alters the Response to an Acute Stress in a Sex Specific Manner. <i>Frontiers in Molecular Neuroscience</i> , <b>2018</b> , 11, 389	6.1	12
48	Chronic Mild Stress-Induced Alterations of Local Protein Synthesis: A Role for Cognitive Impairment. <i>ACS Chemical Neuroscience</i> , <b>2017</b> , 8, 817-825	5.7	22
47	Upregulation of neurotrophins by S 47445, a novel positive allosteric modulator of AMPA receptors in aged rats. <i>Pharmacological Research</i> , <b>2017</b> , 121, 59-69	10.2	13
46	Botanicals as Modulators of Neuroplasticity: Focus on BDNF. <i>Neural Plasticity</i> , <b>2017</b> , 2017, 5965371	3.3	19
45	Chronic mild stress-induced alterations of clock gene expression in rat prefrontal cortex: modulatory effects of prolonged lurasidone treatment. <i>Pharmacological Research</i> , <b>2016</b> , 104, 140-50	10.2	24
44	BDNF rs6265 methylation and genotype interact on risk for schizophrenia. <i>Epigenetics</i> , <b>2016</b> , 11, 11-23	5.7	40
43	Chronic Mild Stress Modulates Activity-Dependent Transcription of BDNF in Rat Hippocampal Slices. <i>Neural Plasticity</i> , <b>2016</b> , 2016, 2592319	3.3	15
42	Synaptic alterations associated with depression and schizophrenia: potential as a therapeutic target. <i>Expert Opinion on Therapeutic Targets</i> , <b>2016</b> , 20, 1195-207	6.4	22
41	Stress rapidly dysregulates the glutamatergic synapse in the prefrontal cortex of cocaine-withdrawn adolescent rats. <i>Addiction Biology</i> , <b>2015</b> , 20, 158-69	4.6	26
40	Olive oil-enriched diet reduces brain oxidative damages and ameliorates neurotrophic factor gene expression in different life stages of rats. <i>Journal of Nutritional Biochemistry</i> , <b>2015</b> , 26, 1200-7	6.3	15
39	Exposure to early life stress regulates Bdnf expression in SERT mutant rats in an anatomically selective fashion. <i>Journal of Neurochemistry</i> , <b>2015</b> , 132, 146-54	6	31
38	The serotonin-BDNF duo: developmental implications for the vulnerability to psychopathology. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2014</b> , 43, 35-47	9	108
37	Early life stress and serotonin transporter gene variation interact to affect the transcription of the glucocorticoid and mineralocorticoid receptors, and the co-chaperone FKBP5, in the adult rat brain. <i>Frontiers in Behavioral Neuroscience</i> , <b>2014</b> , 8, 355	3.5	25
36	Prolonged abstinence from developmental cocaine exposure dysregulates BDNF and its signaling network in the medial prefrontal cortex of adult rats. <i>International Journal of Neuropsychopharmacology</i> , <b>2014</b> , 17, 625-34	5.8	39
35	Brain-derived neurotrophic factor: a bridge between inflammation and neuroplasticity. <i>Frontiers in Cellular Neuroscience</i> , <b>2014</b> , 8, 430	6.1	270
34	Prenatal immune activation induces maturation-dependent alterations in the prefrontal GABAergic transcriptome. <i>Schizophrenia Bulletin</i> , <b>2014</b> , 40, 351-61	1.3	108

33	Dynamic modulation of basic Fibroblast Growth Factor (FGF-2) expression in the rat brain following repeated exposure to cocaine during adolescence. <i>Psychopharmacology</i> , <b>2013</b> , 225, 553-60	4.7	8
32	Reduced neuroplasticity in aged rats: a role for the neurotrophin brain-derived neurotrophic factor. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 2768-76	5.6	61
31	Altered inflammatory responsiveness in serotonin transporter mutant rats. <i>Journal of Neuroinflammation</i> , <b>2013</b> , 10, 116	10.1	16
30	Glucocorticoid receptor and FKBP5 expression is altered following exposure to chronic stress: modulation by antidepressant treatment. <i>Neuropsychopharmacology</i> , <b>2013</b> , 38, 616-27	8.7	135
29	Modulation of the inflammatory response in rats chronically treated with the antidepressant agomelatine. <i>European Neuropsychopharmacology</i> , <b>2013</b> , 23, 1645-55	1.2	66
28	Prenatal versus postnatal maternal factors in the development of infection-induced working memory impairments in mice. <i>Brain, Behavior, and Immunity</i> , <b>2013</b> , 33, 190-200	16.6	61
27	Baclofen modulates the expression and release of neurotrophins in schwann-like adipose stem cells. <i>Journal of Molecular Neuroscience</i> , <b>2013</b> , 49, 233-43	3.3	17
26	Lack of serotonin transporter alters BDNF expression in the rat brain during early postnatal development. <i>Molecular Neurobiology</i> , <b>2013</b> , 48, 244-56	6.2	30
25	Role for the kinase SGK1 in stress, depression, and glucocorticoid effects on hippocampal neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 8708-13	11.5	209
24	The AMPA receptor potentiator Org 26576 modulates stress-induced transcription of BDNF isoforms in rat hippocampus. <i>Pharmacological Research</i> , <b>2012</b> , 65, 176-81	10.2	14
23	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
22	Modulation of BDNF expression by repeated treatment with the novel antipsychotic lurasidone under basal condition and in response to acute stress. <i>International Journal of Neuropsychopharmacology</i> , <b>2012</b> , 15, 235-46	5.8	52
21	Stress-induced changes of hippocampal NMDA receptors: modulation by duloxetine treatment. <i>PLoS ONE</i> , <b>2012</b> , 7, e37916	3.7	76
20	Stress e depressione: Meccanismi eziopatologici e modulazione farmacologica <b>2012</b> , 301-314		
19	Mode of action of agomelatine: synergy between melatonergic and 5-HT <sub>2C</sub> receptors. <i>World Journal of Biological Psychiatry</i> , <b>2011</b> , 12, 574-87	3.8	163
18	Antistress properties of antidepressant drugs and their clinical implications. <i>Pharmacology &amp; Therapeutics</i> , <b>2011</b> , 132, 39-56	13.9	32
17	Modulation of neuroplastic molecules in selected brain regions after chronic administration of the novel antidepressant agomelatine. <i>Psychopharmacology</i> , <b>2011</b> , 215, 267-75	4.7	53
16	Depression-prone mice with reduced glucocorticoid receptor expression display an altered stress-dependent regulation of brain-derived neurotrophic factor and activity-regulated cytoskeleton-associated protein. <i>Journal of Psychopharmacology</i> , <b>2010</b> , 24, 595-603	4.6	45

15	Synergistic mechanisms in the modulation of the neurotrophin BDNF in the rat prefrontal cortex following acute agomelatine administration. <i>World Journal of Biological Psychiatry</i> , <b>2010</b> , 11, 148-53	3.8	49
14	The expression of VGF is reduced in leukocytes of depressed patients and it is restored by effective antidepressant treatment. <i>Neuropsychopharmacology</i> , <b>2010</b> , 35, 1423-8	8.7	61
13	Long-Term duloxetine treatment normalizes altered brain-derived neurotrophic factor expression in serotonin transporter knockout rats through the modulation of specific neurotrophin isoforms. <i>Molecular Pharmacology</i> , <b>2010</b> , 77, 846-53	4.3	51
12	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
11	BDNF Val66Met polymorphism and protein levels in amniotic fluid. <i>BMC Neuroscience</i> , <b>2010</b> , 11, 16	3.2	14
10	Antipsychotic drug actions on gene modulation and signaling mechanisms. <i>Pharmacology &amp; Therapeutics</i> , <b>2009</b> , 124, 74-85	13.9	67
9	Neuronal plasticity: a link between stress and mood disorders. <i>Psychoneuroendocrinology</i> , <b>2009</b> , 34 Suppl 1, S208-16	5	229
8	Acute stress responsiveness of the neurotrophin BDNF in the rat hippocampus is modulated by chronic treatment with the antidepressant duloxetine. <i>Neuropsychopharmacology</i> , <b>2009</b> , 34, 1523-32	8.7	95
7	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
6	Neurotrophic factors in neurodegenerative disorders : potential for therapy. <i>CNS Drugs</i> , <b>2008</b> , 22, 1005-1017	19.7	28
5	Basal and stress-induced modulation of activity-regulated cytoskeletal associated protein (Arc) in the rat brain following duloxetine treatment. <i>Psychopharmacology</i> , <b>2008</b> , 201, 285-92	4.7	26
4	Chronic duloxetine treatment induces specific changes in the expression of BDNF transcripts and in the subcellular localization of the neurotrophin protein. <i>Neuropsychopharmacology</i> , <b>2007</b> , 32, 2351-9	8.7	105
3	Chronic treatment with fluoxetine up-regulates cellular BDNF mRNA expression in rat dopaminergic regions. <i>International Journal of Neuropsychopharmacology</i> , <b>2006</b> , 9, 307-17	5.8	91
2	Chronic fluoxetine administration inhibits extracellular signal-regulated kinase 1/2 phosphorylation in rat brain. <i>Journal of Neurochemistry</i> , <b>2005</b> , 93, 1551-60	6	94
1	BDNF overexpression in the ventral hippocampus promotes antidepressant- and anxiolytic-like activity in serotonin transporter knockout rats		1