

Francesca Calabrese

List of Publications by Year in descending order

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69
papers

3,895
citations

147566

31
h-index

128067

60
g-index

75
all docs

75
docs citations

75
times ranked

5645
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain-derived neurotrophic factor: a bridge between inflammation and neuroplasticity. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 430.	1.8	362
2	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> , 2013, 110, 8708-8713.	3.3	272
3	Mode of action of agomelatine: Synergy between melatonergic and 5-HT _{2C} receptors. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 574-587.	1.3	262
4	Neuronal plasticity: A link between stress and mood disorders. <i>Psychoneuroendocrinology</i> , 2009, 34, S208-S216.	1.3	253
5	Glucocorticoid Receptor and FKBP5 Expression Is Altered Following Exposure to Chronic Stress: Modulation by Antidepressant Treatment. <i>Neuropsychopharmacology</i> , 2013, 38, 616-627.	2.8	165
6	The serotoninâ€“BDNF duo: Developmental implications for the vulnerability to psychopathology. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 43, 35-47.	2.9	143
7	Prenatal Immune Activation Induces Maturation-Dependent Alterations in the Prefrontal GABAergic Transcriptome. <i>Schizophrenia Bulletin</i> , 2014, 40, 351-361.	2.3	117
8	Chronic Duloxetine Treatment Induces Specific Changes in the Expression of BDNF Transcripts and in the Subcellular Localization of the Neurotrophin Protein. <i>Neuropsychopharmacology</i> , 2007, 32, 2351-2359.	2.8	110
9	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> , 2010, 37, 747-755.	2.1	107
10	Acute Stress Responsiveness of the Neurotrophin BDNF in the Rat Hippocampus is Modulated by Chronic Treatment with the Antidepressant Duloxetine. <i>Neuropsychopharmacology</i> , 2009, 34, 1523-1532.	2.8	104
11	Chronic treatment with fluoxetine up-regulates cellular BDNF mRNA expression in rat dopaminergic regions. <i>International Journal of Neuropsychopharmacology</i> , 2006, 9, 307.	1.0	103
12	Chronic fluoxetine administration inhibits extracellular signal-regulated kinase 1/2 phosphorylation in rat brain. <i>Journal of Neurochemistry</i> , 2005, 93, 1551-1560.	2.1	98
13	Stress-Induced Changes of Hippocampal NMDA Receptors: Modulation by Duloxetine Treatment. <i>PLoS ONE</i> , 2012, 7, e37916.	1.1	90
14	Modulation of the inflammatory response in rats chronically treated with the antidepressant agomelatine. <i>European Neuropsychopharmacology</i> , 2013, 23, 1645-1655.	0.3	88
15	Antipsychotic drug actions on gene modulation and signaling mechanisms. , 2009, 124, 74-85.		75
16	Prenatal versus postnatal maternal factors in the development of infection-induced working memory impairments in mice. <i>Brain, Behavior, and Immunity</i> , 2013, 33, 190-200.	2.0	75
17	Reduced neuroplasticity in aged rats: a role for the neurotrophin brain-derived neurotrophic factor. <i>Neurobiology of Aging</i> , 2013, 34, 2768-2776.	1.5	73
18	The Expression of VGF is Reduced in Leukocytes of Depressed Patients and it is Restored by Effective Antidepressant Treatment. <i>Neuropsychopharmacology</i> , 2010, 35, 1423-1428.	2.8	68

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19	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> , 2010, 11, 148-153.	1.3	60
20	Modulation of neuroplastic molecules in selected brain regions after chronic administration of the novel antidepressant agomelatine. <i>Psychopharmacology</i> , 2011, 215, 267-275.	1.5	60
21	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> , 2012, 15, 235-246.	1.0	59
22	Developmental Influence of the Serotonin Transporter on the Expression of Npas4 and GABAergic Markers: Modulation by Antidepressant Treatment. <i>Neuropsychopharmacology</i> , 2012, 37, 746-758.	2.8	58
23	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> , 2010, 77, 846-853.	1.0	56
24	From Healthy Aging to Frailty: In Search of the Underlying Mechanisms. <i>Current Medicinal Chemistry</i> , 2019, 26, 3685-3701.	1.2	55
25	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> , 2014, 17, 625-634.	1.0	51
26	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> , 2010, 24, 595-603.	2.0	49
27	BDNF rs6265 methylation and genotype interact on risk for schizophrenia. <i>Epigenetics</i> , 2016, 11, 11-23.	1.3	48
28	Lack of Serotonin Transporter Alters BDNF Expression in the Rat Brain During Early Postnatal Development. <i>Molecular Neurobiology</i> , 2013, 48, 244-256.	1.9	43
29	Antistress properties of antidepressant drugs and their clinical implications. , 2011, 132, 39-56.		38
30	Exposure to early life stress regulates Bdnf expression in <scp>SERT</scp> mutant rats in an anatomically selective fashion. <i>Journal of Neurochemistry</i> , 2015, 132, 146-154.	2.1	38
31	Chronic mild stress-induced alterations of clock gene expression in rat prefrontal cortex: modulatory effects of prolonged lurasidone treatment. <i>Pharmacological Research</i> , 2016, 104, 140-150.	3.1	38
32	Neurotrophic Factors in Neurodegenerative Disorders. <i>CNS Drugs</i> , 2008, 22, 1005-1019.	2.7	35
33	Botanicals as Modulators of Neuroplasticity: Focus on BDNF. <i>Neural Plasticity</i> , 2017, 2017, 1-19.	1.0	35
34	Synaptic alterations associated with depression and schizophrenia: potential as a therapeutic target. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 1195-1207.	1.5	33
35	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> , 2014, 8, 355.	1.0	32
36	Stress rapidly dysregulates the glutamatergic synapse in the prefrontal cortex of cocaine-withdrawn adolescent rats. <i>Addiction Biology</i> , 2015, 20, 158-169.	1.4	31

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37	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> , 2020, 40, 1037-1047.	1.7	29
38	Basal and stress-induced modulation of activity-regulated cytoskeletal associated protein (Arc) in the rat brain following duloxetine treatment. <i>Psychopharmacology</i> , 2008, 201, 285-292.	1.5	28
39	Chronic Mild Stress-Induced Alterations of Local Protein Synthesis: A Role for Cognitive Impairment. <i>ACS Chemical Neuroscience</i> , 2017, 8, 817-825.	1.7	27
40	Chronic vortioxetine treatment improves the responsiveness to an acute stress acting through the ventral hippocampus in a glucocorticoid-dependent way. <i>Pharmacological Research</i> , 2019, 142, 14-21.	3.1	27
41	Centella asiatica L. Phytosome Improves Cognitive Performance by Promoting Bdnf Expression in Rat Prefrontal Cortex. <i>Nutrients</i> , 2020, 12, 355.	1.7	23
42	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> , 2015, 26, 1200-1207.	1.9	22
43	TPH2 Deficiency Influences Neuroplastic Mechanisms and Alters the Response to an Acute Stress in a Sex Specific Manner. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 389.	1.4	21
44	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> , 2020, 11, 1248.	1.0	21
45	Altered expression and modulation of activity-regulated cytoskeletal associated protein (Arc) in serotonin transporter knockout rats. <i>European Neuropsychopharmacology</i> , 2009, 19, 898-904.	0.3	20
46	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> , 2020, 34, 420-428.	2.0	19
47	The AMPA receptor potentiator Org 26576 modulates stress-induced transcription of BDNF isoforms in rat hippocampus. <i>Pharmacological Research</i> , 2012, 65, 176-181.	3.1	18
48	Altered inflammatory responsiveness in serotonin transporter mutant rats. <i>Journal of Neuroinflammation</i> , 2013, 10, 116.	3.1	18
49	Baclofen Modulates the Expression and Release of Neurotrophins in Schwann-Like Adipose Stem Cells. <i>Journal of Molecular Neuroscience</i> , 2013, 49, 233-243.	1.1	17
50	Chronic Mild Stress Modulates Activity-Dependent Transcription of BDNF in Rat Hippocampal Slices. <i>Neural Plasticity</i> , 2016, 2016, 1-11.	1.0	17
51	Upregulation of neurotrophins by S 47445, a novel positive allosteric modulator of AMPA receptors in aged rats. <i>Pharmacological Research</i> , 2017, 121, 59-69.	3.1	17
52	Metabolomic signature and mitochondrial dynamics outline the difference between vulnerability and resilience to chronic stress. <i>Translational Psychiatry</i> , 2022, 12, 87.	2.4	17
53	BDNF Val66Met polymorphism and protein levels in Amniotic Fluid. <i>BMC Neuroscience</i> , 2010, 11, 16.	0.8	16
54	Alterations of Glutamatergic Markers in the Prefrontal Cortex of Serotonin Transporter Knockout Rats: A Developmental Timeline. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 715-720.	1.7	16

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55	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> , 2020, 21, 6261.	1.8	16
56	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> , 2021, 22, 6197.	1.8	15
57	<scp>d</scp>â€Cycloserine enhanced extinction of cocaineâ€Cinduced conditioned place preference is attenuated in serotonin transporter knockout rats. <i>Addiction Biology</i> , 2018, 23, 120-129.	1.4	14
58	Impaired Fear Extinction Recall in Serotonin Transporter Knockout Rats Is Transiently Alleviated during Adolescence. <i>Brain Sciences</i> , 2019, 9, 118.	1.1	12
59	Chronic treatment with the antipsychotic drug blonanserin modulates the responsiveness to acute stress with anatomical selectivity. <i>Psychopharmacology</i> , 2020, 237, 1783-1793.	1.5	11
60	BDNF Overexpression in the Ventral Hippocampus Promotes Antidepressant- and Anxiolytic-Like Activity in Serotonin Transporter Knockout Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5040.	1.8	11
61	Dynamic modulation of basic Fibroblast Growth Factor (FGF-2) expression in the rat brain following repeated exposure to cocaine during adolescence. <i>Psychopharmacology</i> , 2013, 225, 553-560.	1.5	10
62	Repeated testing modulates chronic unpredictable mild stress effects in male rats. <i>Behavioural Brain Research</i> , 2022, 432, 113960.	1.2	10
63	The coupling of RACK1 with the beta isoform of the glucocorticoid receptor promotes resilience to chronic stress exposure. <i>Neurobiology of Stress</i> , 2021, 15, 100372.	1.9	9
64	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> , 2020, 14, 128.	1.8	7
65	Chronic Treatment with a Phytosomal Preparation Containing <i>Centella asiatica</i> L. and <i>Curcuma longa</i> L. Affects Local Protein Synthesis by Modulating the BDNF-mTOR-S6 Pathway. <i>Biomedicines</i> , 2020, 8, 544.	1.4	6
66	Peripheral Serotonin Deficiency Affects Anxiety-like Behavior and the Molecular Response to an Acute Challenge in Rats. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4941.	1.8	6
67	Neonatal Tactile Stimulation Alters Behaviors in Heterozygous Serotonin Transporter Male Rats: Role of the Amygdala. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 142.	1.0	4
68	Altered responsiveness of the antioxidant system in chronically stressed animals: modulation by chronic lurasidone treatment. <i>Psychopharmacology</i> , 2022, 239, 2547-2557.	1.5	3
69	Stress e depressione: Meccanismi eziopatologici e modulazione farmacologica. , 2012, , 301-314.		0