

# Giulia Treccani

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,516  
citations

567281

15  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2692  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a glutamate hypothesis of depression. <i>Neuropharmacology</i> , 2012, 62, 63-77.	4.1	831
2	The Action of Antidepressants on the Glutamate System: Regulation of Glutamate Release and Glutamate Receptors. <i>Biological Psychiatry</i> , 2013, 73, 1180-1188.	1.3	138
3	Chronic mild stress induces anhedonic behavior and changes in glutamate release, BDNF trafficking and dendrite morphology only in stress vulnerable rats. The rapid restorative action of ketamine. <i>Neurobiology of Stress</i> , 2019, 10, 100160.	4.0	77
4	Functional and Structural Remodeling of Glutamate Synapses in Prefrontal and Frontal Cortex Induced by Behavioral Stress. <i>Frontiers in Psychiatry</i> , 2015, 6, 60.	2.6	65
5	Chronic social stress-induced hyperglycemia in mice couples individual stress susceptibility to impaired spatial memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10187-E10196.	7.1	59
6	Temporal Dynamics of Acute Stress-Induced Dendritic Remodeling in Medial Prefrontal Cortex and the Protective Effect of Desipramine. <i>Cerebral Cortex</i> , 2017, 27, bhv254.	2.9	41
7	S-Ketamine Reverses Hippocampal Dendritic Spine Deficits in Flinders Sensitive Line Rats Within 1Âh of Administration. <i>Molecular Neurobiology</i> , 2019, 56, 7368-7379.	4.0	38
8	Chronic treatment with agomelatine or venlafaxine reduces depolarization-evoked glutamate release from hippocampal synaptosomes. <i>BMC Neuroscience</i> , 2013, 14, 75.	1.9	31
9	Probiotics Affect Oneâ€Carbon Metabolites and Catecholamines in a Genetic Rat Model of Depression. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1701070.	3.3	30
10	Decoding the Mechanism of Action of Rapid-Acting Antidepressant Treatment Strategies: Does Gender Matter?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 949.	4.1	28
11	Chronic Desipramine Prevents Acute Stress-Induced Reorganization of Medial Prefrontal Cortex Architecture by Blocking Glutamate Vesicle Accumulation and Excitatory Synapse Increase. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, .	2.1	24
12	Early onset of depression and treatment outcome in patients with major depressive disorder. <i>Journal of Psychiatric Research</i> , 2021, 139, 150-158.	3.1	22
13	Differential expression of postsynaptic NMDA and AMPA receptor subunits in the hippocampus and prefrontal cortex of the flinders sensitive line rat model of depression. <i>Synapse</i> , 2016, 70, 471-474.	1.2	21
14	Acute Inescapable Stress Rapidly Increases Synaptic Energy Metabolism in Prefrontal Cortex and Alters Working Memory Performance. <i>Cerebral Cortex</i> , 2019, 29, 4948-4957.	2.9	20
15	Glutamate hypothesis of depression and its consequences for antidepressant treatments. <i>Expert Review of Neurotherapeutics</i> , 2012, 12, 1169-1172.	2.8	19
16	The expression of plasticity-related genes in an acute model of stress is modulated by chronic desipramine in a time-dependent manner within medial prefrontal cortex. <i>European Neuropsychopharmacology</i> , 2017, 27, 19-28.	0.7	14
17	Time-dependent activation of MAPK/Erk1/2 and Akt/GSK3 cascades: modulation by agomelatine. <i>BMC Neuroscience</i> , 2014, 15, 119.	1.9	9
18	Longitudinal CSF proteome profiling in mice to uncover the acute and sustained mechanisms of action of rapid acting antidepressant (2R,6R)-hydroxynorketamine (HNK). <i>Neurobiology of Stress</i> , 2021, 15, 100404.	4.0	8

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19	Sexually Dimorphic Behavioral Profile in a Transgenic Model Enabling Targeted Recombination in Active Neurons in Response to Ketamine and (2R,6R)-Hydroxynorketamine Administration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2142.	4.1	7
20	Hippocampal NG2+ pericytes in chronically stressed rats and depressed patients: a quantitative study. <i>Stress</i> , 2021, 24, 353-358.	1.8	7
21	Early life adversity targets the transcriptional signature of hippocampal NG2+ glia and affects voltage gated sodium (Nav) channels properties. <i>Neurobiology of Stress</i> , 2021, 15, 100338.	4.0	7
22	Structural Plasticity and Molecular Markers in Hippocampus of Male Rats after Acute Stress. <i>Neuroscience</i> , 2020, 438, 100-115.	2.3	4
23	A distinct transcriptional signature of antidepressant response in hippocampal dentate gyrus granule cells. <i>Translational Psychiatry</i> , 2021, 11, 4.	4.8	4
24	The Kynurenine Pathway Is Upregulated by Methyl-deficient Diet and Changes Are Averted by Probiotics. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100078.	3.3	4
25	Expression and glucocorticoid-dependent regulation of the stress-inducible protein DRR1 in the mouse adult brain. <i>Brain Structure and Function</i> , 2018, 223, 4039-4052.	2.3	3
26	From Structure to Behavior: Circuit Specificity of Stress-Induced Synaptic Plasticity in the Basolateral Amygdala Projection Neurons. <i>Biological Psychiatry</i> , 2019, 85, e7-e9.	1.3	3
27	Synaptic Stress, Changes in Glutamate Transmission and Circuitry, and Psychopathology. , 2014, , 33-52.		1
28	Early Life Stress Programming of NG2+ Glia Transcriptome Alters Functional Properties of Voltage Gated Sodium (Nav) Channels and Cognitive Performance. <i>Biological Psychiatry</i> , 2021, 89, S117-S118.	1.3	0