

# Jing Du

## List of Publications by Year in descending order

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61  
papers

5,487  
citations

136950

32  
h-index

128289

60  
g-index

64  
all docs

64  
docs citations

64  
times ranked

6958  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular Mechanisms Underlying the Antidepressant Effects of Ketamine: Role of $\alpha$ -Amino-3-Hydroxy-5-Methylisoxazole-4-Propionic Acid Receptors. <i>Biological Psychiatry</i> , 2008, 63, 349-352.	1.3	1,006
2	Impairments in High-Frequency Transmission, Synaptic Vesicle Docking, and Synaptic Protein Distribution in the Hippocampus of BDNF Knockout Mice. <i>Journal of Neuroscience</i> , 1999, 19, 4972-4983.	3.6	426
3	Dynamic regulation of mitochondrial function by glucocorticoids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3543-3548.	7.1	392
4	Evidence for Selective microRNAs and Their Effectors as Common Long-Term Targets for the Actions of Mood Stabilizers. <i>Neuropsychopharmacology</i> , 2009, 34, 1395-1405.	5.4	284
5	A potential role for pro-inflammatory cytokines in regulating synaptic plasticity in major depressive disorder. <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 561.	2.1	267
6	Frequency-dependent regulation of rat hippocampal somatodendritic excitability by the K <sup>+</sup> channel subunit Kv2.1. <i>Journal of Physiology</i> , 2000, 522, 19-31.	2.9	193
7	The Anticonvulsants Lamotrigine, Riluzole, and Valproate Differentially Regulate AMPA Receptor Membrane Localization: Relationship to Clinical Effects in Mood Disorders. <i>Neuropsychopharmacology</i> , 2007, 32, 793-802.	5.4	188
8	GNDF acutely modulates excitability and A-type K <sup>+</sup> channels in midbrain dopaminergic neurons. <i>Nature Neuroscience</i> , 2001, 4, 1071-1078.	14.8	180
9	Activity- and Ca <sup>2+</sup> -Dependent Modulation of Surface Expression of Brain-Derived Neurotrophic Factor Receptors in Hippocampal Neurons. <i>Journal of Cell Biology</i> , 2000, 150, 1423-1434.	5.2	165
10	Protein Synthesis-dependent and -independent Regulation of Hippocampal Synapses by Brain-derived Neurotrophic Factor. <i>Journal of Biological Chemistry</i> , 2001, 276, 37585-37593.	3.4	165
11	Regulation of Cellular Plasticity Cascades in the Pathophysiology and Treatment of Mood Disorders. <i>Annals of the New York Academy of Sciences</i> , 2003, 1003, 273-291.	3.8	165
12	Modulation of Synaptic Plasticity by Antimanic Agents: The Role of AMPA Glutamate Receptor Subunit 1 Synaptic Expression. <i>Journal of Neuroscience</i> , 2004, 24, 6578-6589.	3.6	148
13	Common effects of lithium and valproate on mitochondrial functions: protection against methamphetamine-induced mitochondrial damage. <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 805.	2.1	135
14	A kinesin signaling complex mediates the ability of GSK-3 $\beta$ to affect mood-associated behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11573-11578.	7.1	110
15	Ca <sup>2+</sup> Binding Protein Frequenin Mediates GDNF-Induced Potentiation of Ca <sup>2+</sup> Channels and Transmitter Release. <i>Neuron</i> , 2001, 32, 99-112.	8.1	103
16	Involvement of AMPA receptors in the antidepressant-like effects of lithium in the mouse tail suspension test and forced swim test. <i>Neuropharmacology</i> , 2008, 54, 577-587.	4.1	98
17	The Role of Hippocampal GluR1 and GluR2 Receptors in Manic-Like Behavior. <i>Journal of Neuroscience</i> , 2008, 28, 68-79.	3.6	98
18	Glutamate receptors as targets of protein kinase C in the pathophysiology and treatment of animal models of Mania. <i>Neuropharmacology</i> , 2009, 56, 47-55.	4.1	90

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19	Regulation of TrkB receptor tyrosine kinase and its internalization by neuronal activity and Ca <sup>2+</sup> influx. <i>Journal of Cell Biology</i> , 2003, 163, 385-395.	5.2	86
20	The Anti-Apoptotic, Glucocorticoid Receptor Cochaperone Protein BAG-1 Is a Long-Term Target for the Actions of Mood Stabilizers. <i>Journal of Neuroscience</i> , 2005, 25, 4493-4502.	3.6	85
21	Glucocorticoid receptors modulate mitochondrial function. <i>Communicative and Integrative Biology</i> , 2009, 2, 350-352.	1.4	79
22	The Role of Nutrients in Protecting Mitochondrial Function and Neurotransmitter Signaling: Implications for the Treatment of Depression, PTSD, and Suicidal Behaviors. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, 2560-2578.	10.3	78
23	Does gene deletion of AMPA GluA1 phenocopy features of schizoaffective disorder?. <i>Neurobiology of Disease</i> , 2010, 40, 608-621.	4.4	77
24	<i>BAG1</i> plays a critical role in regulating recovery from both manic-like and depression-like behavioral impairments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8766-8771.	7.1	68
25	The Bcl-2 Gene Polymorphism rs956572AA Increases Inositol 1,4,5-Trisphosphate Receptor-Mediated Endoplasmic Reticulum Calcium Release in Subjects with Bipolar Disorder. <i>Biological Psychiatry</i> , 2011, 69, 344-352.	1.3	65
26	Snap-25 is polarized to axons and abundant along the axolemma: an immunogold study of intact neurons. <i>Journal of Neurocytology</i> , 2000, 29, 67-77.	1.5	57
27	Structurally Dissimilar Antimanic Agents Modulate Synaptic Plasticity by Regulating AMPA Glutamate Receptor Subunit GluR1 Synaptic Expression. <i>Annals of the New York Academy of Sciences</i> , 2003, 1003, 378-380.	3.8	47
28	Possible involvement of the ERK signaling cascade in bipolar disorder: Behavioral leads from the study of mutant mice. <i>Drug News and Perspectives</i> , 2003, 16, 453.	1.5	47
29	Stable expression of a functional rat angiotensin II (AT1A) receptor in CHO-K1 cells: Rapid desensitization by angiotensin II. <i>Molecular and Cellular Biochemistry</i> , 1995, 146, 79-89.	3.1	46
30	Enhancing AMPA to NMDA throughput as a convergent mechanism for antidepressant action. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2006, 3, 519-526.	0.5	45
31	Bipolar disorder: involvement of signaling cascades and AMPA receptor trafficking at synapses. <i>Neuron Glia Biology</i> , 2004, 1, 231-243.	1.6	40
32	Focus on CaMKII: a molecular switch in the pathophysiology and treatment of mood and anxiety disorders. <i>International Journal of Neuropsychopharmacology</i> , 2004, 7, 243-248.	2.1	39
33	Overexpression of miR-30a in lung adenocarcinoma A549 cell line inhibits migration and invasion via targeting <i>EYA2</i> . <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 220-228.	2.0	30
34	KCNH2-3.1 expression impairs cognition and alters neuronal function in a model of molecular pathology associated with schizophrenia. <i>Molecular Psychiatry</i> , 2016, 21, 1517-1526.	7.9	28
35	<i>Ganoderma lucidum</i> polysaccharides ameliorated depression-like behaviors in the chronic social defeat stress depression model via modulation of Dectin-1 and the innate immune system. <i>Brain Research Bulletin</i> , 2021, 171, 16-24.	3.0	26
36	A Maitake ( <i>Grifola frondosa</i> ) polysaccharide ameliorates Alzheimer's disease-like pathology and cognitive impairments by enhancing microglial amyloid- $\beta$ clearance. <i>RSC Advances</i> , 2019, 9, 37127-37135.	3.6	25

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37	Lentian produces a robust antidepressant-like effect via enhancing the prefrontal Dectin-1/AMPA receptor signaling pathway. <i>Behavioural Brain Research</i> , 2017, 317, 263-271.	2.2	24
38	Valproate activates the Notch3/câ€FLIP signaling cascade: a strategy to attenuate white matter hyperintensities in bipolar disorder in late life?. <i>Bipolar Disorders</i> , 2009, 11, 256-269.	1.9	23
39	Asian consortium on radiation dose of pediatric cardiac CT (ASCI-REDCARD). <i>Pediatric Radiology</i> , 2017, 47, 899-910.	2.0	23
40	Lithium Regulates Total and Synaptic Expression of the AMPA Glutamate Receptor GluR2 <i>in Vitro</i> and <i>in Vivo</i>. <i>Annals of the New York Academy of Sciences</i> , 2003, 1003, 402-404.	3.8	22
41	3â€™-Deoxyadenosine (Cordycepin) Produces a Rapid and Robust Antidepressant Effect via Enhancing Prefrontal AMPA Receptor Signaling Pathway. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv112.	2.1	22
42	Ganoderic acid A exerted antidepressant-like action through FXR modulated NLRP3 inflammasome and synaptic activity. <i>Biochemical Pharmacology</i> , 2021, 188, 114561.	4.4	22
43	Ganoderic Acid A Attenuates LPS-Induced Neuroinflammation in BV2 Microglia by Activating Farnesoid X Receptor. <i>Neurochemical Research</i> , 2021, 46, 1725-1736.	3.3	19
44	Cordycepin (3â€²-deoxyadenosine) promotes remyelination via suppression of neuroinflammation in a cuprizone-induced mouse model of demyelination. <i>International Immunopharmacology</i> , 2019, 75, 105777.	3.8	17
45	Genome-wide gene expression profiling in GluR1 knockout mice: key role of the calcium signaling pathway in glutamatergically mediated hippocampal transmission. <i>European Journal of Neuroscience</i> , 2009, 30, 2318-2326.	2.6	13
46	Oridonin is an antidepressant molecule working through the PPAR-Î³/AMPA receptor signaling pathway. <i>Biochemical Pharmacology</i> , 2020, 180, 114136.	4.4	12
47	Regulation of cellular plasticity and resilience by mood stabilizers: the role of AMPA receptor trafficking. <i>Dialogues in Clinical Neuroscience</i> , 2004, 6, 143-155.	3.7	12
48	Synaptic Plasticity in the Pathophysiology and Treatment of Bipolar Disorder. <i>Current Topics in Behavioral Neurosciences</i> , 2010, 5, 167-185.	1.7	11
49	The Prefrontal Dectin-1/AMPA Receptor Signaling Pathway Mediates The Robust and Prolonged Antidepressant Effect of Proteo-Î²-Glucan from Maitake. <i>Scientific Reports</i> , 2016, 6, 28395.	3.3	11
50	Activation of FXR by ganoderic acid A promotes remyelination in multiple sclerosis via anti-inflammation and regeneration mechanism. <i>Biochemical Pharmacology</i> , 2021, 185, 114422.	4.4	11
51	Neurotrophic signaling cascades are major long-term targets for lithium: clinical implications. <i>Clinical Neuroscience Research</i> , 2004, 4, 137-153.	0.8	10
52	Bagâ€1 mediates glucocorticoid receptor trafficking to mitochondria after corticosterone stimulation: Potential role in regulating affective resilience. <i>Journal of Neurochemistry</i> , 2021, 158, 358-372.	3.9	9
53	Neurotrophic Signaling in Mood Disorders. , 0, , 411-445.		8
54	Interleukin-4 signalling pathway underlies the anxiolytic effect induced by 3-deoxyadenosine. <i>Psychopharmacology</i> , 2019, 236, 2959-2973.	3.1	7

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55	A Polysaccharide Extract from Maitake Culinary-Medicinal Mushroom, <i>Grifola frondosa</i> (Agaricomycetes) Ameliorates Learning and Memory Function in Aluminum Chloride-Induced Amnesia in Mice. <i>International Journal of Medicinal Mushrooms</i> , 2019, 21, 1065-1074.	1.5	7
56	Saliency-based 3D convolutional neural network for categorising common focal liver lesions on multisequence MRI. <i>Insights Into Imaging</i> , 2021, 12, 173.	3.4	7
57	Risk given by <i>ACT</i> polymorphisms in inducing susceptibility to essential hypertension among isolated populations from a remote region of China: A case-control study among the isolated populations. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 1202-1217.	1.7	4
58	<i>Grifola frondosa</i> (GF) produces significant antidepressant effects involving AMPA receptor activation in mice. <i>Pharmaceutical Biology</i> , 2017, 55, 299-305.	2.9	2
59	Contrasting effects of acute and long-term corticosterone treatment on amyloid- $\beta^2$ , beta-secretase 1 expression, and nuclear factor kappa B nuclear translocation. <i>Journal of Integrative Neuroscience</i> , 2019, 18, 393.	1.7	2
60	Nuclear receptors modulate inflammasomes in the pathophysiology and treatment of major depressive disorder. <i>World Journal of Psychiatry</i> , 2021, 11, 1191-1205.	2.7	2
61	Automatic discrimination of different sequences and phases of liver MRI using a dense feature fusion neural network: a preliminary study. <i>Abdominal Radiology</i> , 2021, 46, 4576-4587.	2.1	1