

Eero CastrÃ©n

List of Publications by Year in descending order

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132
papers

13,003
citations

31902

53
h-index

24179

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157
all docs

157
docs citations

157
times ranked

13111
citing authors

#	ARTICLE	IF	CITATIONS
1	The Antidepressant Fluoxetine Restores Plasticity in the Adult Visual Cortex. <i>Science</i> , 2008, 320, 385-388.	6.0	814
2	The role of BDNF and its receptors in depression and antidepressant drug action: Reactivation of developmental plasticity. <i>Developmental Neurobiology</i> , 2010, 70, 289-297.	1.5	725
3	Activation of the TrkB Neurotrophin Receptor Is Induced by Antidepressant Drugs and Is Required for Antidepressant-Induced Behavioral Effects. <i>Journal of Neuroscience</i> , 2003, 23, 349-357.	1.7	720
4	Brain-Derived Neurotrophic Factor and Antidepressant Drugs Have Different But Coordinated Effects on Neuronal Turnover, Proliferation, and Survival in the Adult Dentate Gyrus. <i>Journal of Neuroscience</i> , 2005, 25, 1089-1094.	1.7	690
5	Role of neurotrophic factors in depression. <i>Current Opinion in Pharmacology</i> , 2007, 7, 18-21.	1.7	610
6	Is mood chemistry?. <i>Nature Reviews Neuroscience</i> , 2005, 6, 241-246.	4.9	508
7	Analysis of gene expression data using self-organizing maps. <i>FEBS Letters</i> , 1999, 451, 142-146.	1.3	454
8	Fear Erasure in Mice Requires Synergy Between Antidepressant Drugs and Extinction Training. <i>Science</i> , 2011, 334, 1731-1734.	6.0	347
9	Antidepressant drugs act by directly binding to TRKB neurotrophin receptors. <i>Cell</i> , 2021, 184, 1299-1313.e19.	13.5	347
10	The induction of LTP increases BDNF and NGF mRNA but decreases NT-3 mRNA in the dentate gyrus. <i>NeuroReport</i> , 1993, 4, 895-898.	0.6	332
11	Serotonin and neuroplasticity “Links between molecular, functional and structural pathophysiology in depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 77, 317-326.	2.9	296
12	Pharmacologically Diverse Antidepressants Rapidly Activate Brain-Derived Neurotrophic Factor Receptor TrkB and Induce Phospholipase-C β Signaling Pathways in Mouse Brain. <i>Neuropsychopharmacology</i> , 2007, 32, 2152-2162.	2.8	277
13	Activity-dependent and hormonal regulation of neurotrophin mRNA levels in brain-implications for neuronal plasticity. <i>Journal of Neurobiology</i> , 1994, 25, 1362-1372.	3.7	272
14	Brain-derived neurotrophic factor in mood disorders and antidepressant treatments. <i>Neurobiology of Disease</i> , 2017, 97, 119-126.	2.1	261
15	Long-lasting depression-like behavior and epigenetic changes of BDNF gene expression induced by perinatal exposure to methylmercury. <i>Journal of Neurochemistry</i> , 2008, 106, 1378-1387.	2.1	243
16	Neurotrophic effects of antidepressant drugs. <i>Current Opinion in Pharmacology</i> , 2004, 4, 58-64.	1.7	219
17	Brain-Derived Neurotrophic Factor Signaling in Depression and Antidepressant Action. <i>Biological Psychiatry</i> , 2021, 90, 128-136.	0.7	186
18	Neuronal plasticity and antidepressant actions. <i>Trends in Neurosciences</i> , 2013, 36, 259-267.	4.2	183

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19	Increase in BDNF-mediated TrkB signaling promotes epileptogenesis in a mouse model of mesial temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2011, 42, 35-47.	2.1	169
20	Transgenic mice overexpressing the full-length neurotrophin receptor trkB exhibit increased activation of the trkB-PLC β 3 pathway, reduced anxiety, and facilitated learning. <i>Molecular and Cellular Neurosciences</i> , 2004, 26, 166-181.	1.0	165
21	The Impact of Aerobic Exercise on Brain-Derived Neurotrophic Factor and Neurocognition in Individuals With Schizophrenia: A Single-Blind, Randomized Clinical Trial. <i>Schizophrenia Bulletin</i> , 2015, 41, 859-868.	2.3	164
22	Altered differentiation of neural stem cells in fragile X syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17834-17839.	3.3	155
23	Neuronal Network Plasticity and Recovery From Depression. <i>JAMA Psychiatry</i> , 2013, 70, 983.	6.0	142
24	Regulation of TRKB Surface Expression by Brain-derived Neurotrophic Factor and Truncated TRKB Isoforms. <i>Journal of Biological Chemistry</i> , 2002, 277, 43160-43167.	1.6	141
25	The Neuroprotective Agent Memantine Induces Brain-Derived Neurotrophic Factor and trkB Receptor Expression in Rat Brain. <i>Molecular and Cellular Neurosciences</i> , 2001, 18, 247-258.	1.0	130
26	Long-lasting behavioural and molecular alterations induced by early postnatal fluoxetine exposure are restored by chronic fluoxetine treatment in adult mice. <i>European Neuropsychopharmacology</i> , 2009, 19, 97-108.	0.3	128
27	REPEATED STRESS INCREASES THE DENSITY OF ANGIOTENSIN II BINDING SITES IN RAT PARAVENTRICULAR NUCLEUS AND SUBFORNICAL ORGAN. <i>Endocrinology</i> , 1988, 122, 370-372.	1.4	124
28	Serotonin triggers a transient epigenetic mechanism that reinstates adult visual cortex plasticity in rats. <i>European Journal of Neuroscience</i> , 2011, 33, 49-57.	1.2	114
29	Increased Expression of the Dyslexia Candidate Gene DCDC2 Affects Length and Signaling of Primary Cilia in Neurons. <i>PLoS ONE</i> , 2011, 6, e20580.	1.1	113
30	Enhanced BDNF Signaling is Associated with an Antidepressant-like Behavioral Response and Changes in Brain Monoamines. <i>Cellular and Molecular Neurobiology</i> , 2005, 25, 973-980.	1.7	112
31	Antidepressant Drugs Transactivate TrkB Neurotrophin Receptors in the Adult Rodent Brain Independently of BDNF and Monoamine Transporter Blockade. <i>PLoS ONE</i> , 2011, 6, e20567.	1.1	110
32	Truncated trkB.T1 Is Dominant Negative Inhibitor of trkB.TK+-Mediated Cell Survival. <i>Biochemical and Biophysical Research Communications</i> , 2001, 280, 1352-1358.	1.0	108
33	Brain-derived Neurotrophic Factor Reverses Experience-dependent Synaptic Modifications in Kitten Visual Cortex. <i>European Journal of Neuroscience</i> , 1996, 8, 1554-1559.	1.2	102
34	Differential Regulation of Nerve Growth Factor (NGF) Synthesis in Neurons and Astrocytes by Glucocorticoid Hormones. <i>European Journal of Neuroscience</i> , 1992, 4, 404-410.	1.2	101
35	Role of Brain-Derived Neurotrophic Factor in the Aetiology of Depression. <i>CNS Drugs</i> , 2010, 24, 1-7.	2.7	100
36	Mice with altered BDNF signaling as models for mood disorders and antidepressant effects. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 143.	1.0	91

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37	Chronic fluoxetine treatment alters the structure, connectivity and plasticity of cortical interneurons. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1635-1646.	1.0	90
38	Cholesterol Loss Enhances TrkB Signaling in Hippocampal Neurons Aging in Vitro. <i>Molecular Biology of the Cell</i> , 2008, 19, 2101-2112.	0.9	89
39	The antidepressant-like effects of glutamatergic drugs ketamine and AMPA receptor potentiator LY 451646 are preserved in bdnf+/âˆ† heterozygous null mice. <i>Neuropharmacology</i> , 2012, 62, 391-397.	2.0	89
40	Transgenic mice overexpressing truncated trkB neurotrophin receptors in neurons have impaired long-term spatial memory but normal hippocampal LTP. <i>Synapse</i> , 2000, 38, 102-104.	0.6	88
41	Neurotrophins as Mediators of Drug Effects on Mood, Addiction, and Neuroprotection. <i>Molecular Neurobiology</i> , 2004, 29, 289-302.	1.9	84
42	Dysregulation of TrkB Receptors and BDNF Function by Amyloid-Î² Peptide is Mediated by Calpain. <i>Cerebral Cortex</i> , 2015, 25, 3107-3121.	1.6	84
43	Impaired TrkB receptor signaling contributes to memory impairment in APP/PS1 mice. <i>Neurobiology of Aging</i> , 2012, 33, 1122.e23-1122.e39.	1.5	81
44	Slitrk5 Mediates BDNF-Dependent TrkB Receptor Trafficking and Signaling. <i>Developmental Cell</i> , 2015, 33, 690-702.	3.1	81
45	Transgenic Mice Overexpressing Truncated trkB Neurotrophin Receptors in Neurons Show Increased Susceptibility to Cortical Injury after Focal Cerebral Ischemia. <i>Molecular and Cellular Neurosciences</i> , 2000, 16, 87-96.	1.0	79
46	Epigenetic modifications induced by early enrichment are associated with changes in timing of induction of BDNF expression. <i>Neuroscience Letters</i> , 2011, 495, 168-172.	1.0	76
47	Chronic fluoxetine treatment increases expression of synaptic proteins in the hippocampus of the ovariectomized rat: Role of BDNF signalling. <i>Psychoneuroendocrinology</i> , 2009, 34, 367-381.	1.3	71
48	Isoflurane produces antidepressant effects and induces TrkB signaling in rodents. <i>Scientific Reports</i> , 2017, 7, 7811.	1.6	70
49	Co-Treatment with Diazepam Prevents the Effects of Fluoxetine on the Proliferation and Survival of Hippocampal Dentate Granule Cells. <i>Biological Psychiatry</i> , 2009, 66, 5-8.	0.7	69
50	Culturing primary neurons from rat hippocampus and cortex. <i>Neuronal Signaling</i> , 2019, 3, NS20180207.	1.7	67
51	Expression of the naturally occurring truncated trkB neurotrophin receptor induces outgrowth of filopodia and processes in neuroblastoma cells. <i>Oncogene</i> , 1999, 18, 1285-1296.	2.6	63
52	Fibroblast Growth Factor-5 Promotes Differentiation of Cultured Rat Septal Cholinergic and Raphe Serotonergic Neurons: Comparison with the Effects of Neurotrophins. <i>European Journal of Neuroscience</i> , 1994, 6, 244-252.	1.2	58
53	Overexpression of the full-length neurotrophin receptor trkB regulates the expression of plasticity-related genes in mouse brain. <i>Molecular Brain Research</i> , 2004, 130, 81-94.	2.5	58
54	Treatment of Neurodevelopmental Disorders in Adulthood. <i>Journal of Neuroscience</i> , 2012, 32, 14074-14079.	1.7	57

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55	The Impact of Bdnf Gene Deficiency to the Memory Impairment and Brain Pathology of APP ^{swe} /PS1 ^{dE9} Mouse Model of Alzheimer's Disease. <i>PLoS ONE</i> , 2013, 8, e68722.	1.1	55
56	Experience-dependent expression of NPAS4 regulates plasticity in adult visual cortex. <i>Journal of Physiology</i> , 2012, 590, 4777-4787.	1.3	54
57	GDNF is not required for catecholaminergic neuron survival in vivo. <i>Nature Neuroscience</i> , 2015, 18, 319-322.	7.1	53
58	Neurotrophins in Depression and Antidepressant Effects. <i>Novartis Foundation Symposium</i> , 2008, 289, 43-59.	1.2	53
59	IGF-1 Restores Visual Cortex Plasticity in Adult Life by Reducing Local GABA Levels. <i>Neural Plasticity</i> , 2012, 2012, 1-10.	1.0	51
60	Social Learning Requires Plasticity Enhanced by Fluoxetine Through Prefrontal Bdnf-TrkB Signaling to Limit Aggression Induced by Post-Weaning Social Isolation. <i>Neuropsychopharmacology</i> , 2018, 43, 235-245.	2.8	51
61	Darkness Reduces BDNF Expression in the Visual Cortex and Induces Repressive Chromatin Remodeling at the BDNF Gene in Both Hippocampus and Visual Cortex. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 1117-1123.	1.7	50
62	iPlasticity: Induced juvenile-like plasticity in the adult brain as a mechanism of antidepressants. <i>Psychiatry and Clinical Neurosciences</i> , 2018, 72, 633-653.	1.0	50
63	Depolarizing Î³-aminobutyric acid contributes to glutamatergic network rewiring in epilepsy. <i>Annals of Neurology</i> , 2017, 81, 251-265.	2.8	49
64	Genetic analysis of BDNF and TrkB gene polymorphisms in Alzheimer's disease. <i>Journal of Neurology</i> , 2005, 252, 423-428.	1.8	48
65	BDNF Regulates the Expression of Fragile X Mental Retardation Protein mRNA in the Hippocampus. <i>Neurobiology of Disease</i> , 2002, 11, 221-229.	2.1	47
66	Brain-derived neurotrophic factor and neurotrophin-4 increase neurotrophin-3 expression in the rat hippocampus. <i>International Journal of Developmental Neuroscience</i> , 1994, 12, 745-751.	0.7	46
67	Automated analysis of images for molecular quantification in immunohistochemistry. <i>Heliyon</i> , 2018, 4, e00669.	1.4	46
68	Acetylcholinesterase inhibitors rapidly activate Trk neurotrophin receptors in the mouse hippocampus. <i>Neuropharmacology</i> , 2011, 61, 1291-1296.	2.0	45
69	Interplay Between Nitric Oxide and Brain-Derived Neurotrophic Factor in Neuronal Plasticity. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 979-987.	0.8	44
70	Pharmacologically diverse antidepressants facilitate TRKB receptor activation by disrupting its interaction with the endocytic adaptor complex AP-2. <i>Journal of Biological Chemistry</i> , 2019, 294, 18150-18161.	1.6	42
71	Distinct effects of perinatal exposure to fluoxetine or methylmercury on parvalbumin and perineuronal nets, the markers of critical periods in brain development. <i>International Journal of Developmental Neuroscience</i> , 2015, 44, 55-64.	0.7	41
72	Antidepressant-like effect of losartan involves TRKB transactivation from angiotensin receptor type 2 (AGTR2) and recruitment of FYN. <i>Neuropharmacology</i> , 2018, 135, 163-171.	2.0	39

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73	The effects of acute and long-term lithium treatments on trkB neurotrophin receptor activation in the mouse hippocampus and anterior cingulate cortex. <i>Neuropharmacology</i> , 2006, 50, 421-427.	2.0	38
74	trkB-receptor activation contributes to the kainate-induced increase in BDNF mRNA synthesis. <i>Cellular and Molecular Neurobiology</i> , 2001, 21, 429-435.	1.7	37
75	The Responsiveness of TrkB to BDNF and Antidepressant Drugs Is Differentially Regulated during Mouse Development. <i>PLoS ONE</i> , 2012, 7, e32869.	1.1	37
76	Differential effects of neurotrophins on ocular dominance plasticity in developing and adult cat visual cortex. <i>European Journal of Neuroscience</i> , 2000, 12, 3315-3330.	1.2	36
77	Longitudinal two-photon imaging in somatosensory cortex of behaving mice reveals dendritic spine formation enhancement by subchronic administration of low-dose ketamine. <i>Scientific Reports</i> , 2018, 8, 6464.	1.6	36
78	Actin Tyrosine-53-Phosphorylation in Neuronal Maturation and Synaptic Plasticity. <i>Journal of Neuroscience</i> , 2016, 36, 5299-5313.	1.7	35
79	Targeting TrkB neurotrophin receptor to treat depression. <i>Expert Opinion on Therapeutic Targets</i> , 2008, 12, 705-715.	1.5	34
80	Chronic fluoxetine administration enhances synaptic plasticity and increases functional dynamics in hippocampal CA3-CA1 synapses. <i>Neuropharmacology</i> , 2017, 126, 250-256.	2.0	34
81	Antidepressant and Antipsychotic Drugs Reduce Viral Infection by SARS-CoV-2 and Fluoxetine Shows Antiviral Activity Against the Novel Variants in vitro. <i>Frontiers in Pharmacology</i> , 2021, 12, 755600.	1.6	34
82	Neurotrophins and Dementiaâ€”Keeping in Touch. <i>Neuron</i> , 2006, 51, 1-3.	3.8	31
83	Chondroitinase and Antidepressants Promote Plasticity by Releasing TRKB from Dephosphorylating Control of PTPIf in Parvalbumin Neurons. <i>Journal of Neuroscience</i> , 2021, 41, 972-980.	1.7	30
84	Brain-derived neurotrophic factor signaling modifies hippocampal gene expression during epileptogenesis in transgenic mice. <i>European Journal of Neuroscience</i> , 2004, 19, 3245-3254.	1.2	29
85	Ciliary dyslexia candidate genes <i>DYX1C1</i> and <i>DCDC2</i> are regulated by Regulatory Factor X (RFX) transcription factors through Xâ€”box promoter motifs. <i>FASEB Journal</i> , 2016, 30, 3578-3587.	0.2	28
86	Chronic imaging through â€”transparent skullâ€”in mice. <i>PLoS ONE</i> , 2017, 12, e0181788.	1.1	28
87	Excitatory Actions of NMDA Receptor Antagonists in Rat Entorhinal Cortex and Cultured Entorhinal Cortical Neurons. <i>Neuropsychopharmacology</i> , 1999, 21, 137-146.	2.8	26
88	Nimodipine Activates TrkB Neurotrophin Receptors and Induces Neuroplastic and Neuroprotective Signaling Events in the Mouse Hippocampus and Prefrontal Cortex. <i>Cellular and Molecular Neurobiology</i> , 2015, 35, 189-196.	1.7	26
89	Effects of Maternal Smoking and Exposure to Methylmercury on Brain-Derived Neurotrophic Factor Concentrations in Umbilical Cord Serum. <i>Toxicological Sciences</i> , 2010, 117, 263-269.	1.4	25
90	Long-Term Adeno-Associated Viral Vector-Mediated Expression of Truncated TrkB in the Adult Rat Facial Nucleus Results in Motor Neuron Degeneration. <i>Journal of Neuroscience</i> , 2006, 26, 1516-1530.	1.7	23

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91	Physiology, Pathology and Relatedness of Human Tissues from Gene Expression Meta-Analysis. PLoS ONE, 2008, 3, e1880.	1.1	23
92	TrkB overexpression in mice buffers against memory deficits and depression-like behavior but not all anxiety- and stress-related symptoms induced by developmental exposure to methylmercury. Frontiers in Behavioral Neuroscience, 2014, 8, 315.	1.0	22
93	Effects of Antidepressant Drug Imipramine on Gene Expression in Rat Prefrontal Cortex. Neurochemical Research, 2004, 29, 1235-1244.	1.6	21
94	Combination of fluoxetine and extinction treatments forms a unique synaptic protein profile that correlates with long-term fear reduction in adult mice. European Neuropsychopharmacology, 2014, 24, 1162-1174.	0.3	21
95	Fluoxetine-induced plasticity in the visual cortex outlasts the duration of the naturally occurring critical period. European Journal of Neuroscience, 2019, 50, 3663-3673.	1.2	19
96	Anti-Inflammatory Treatment with FTY720 Starting after Onset of Symptoms Reverses Synaptic Deficits in an AD Mouse Model. International Journal of Molecular Sciences, 2020, 21, 8957.	1.8	19
97	Neurotrophin-4 mediated TrkB activation reinforces morphine-induced analgesia. Nature Neuroscience, 2003, 6, 221-222.	7.1	18
98	Pharmacological and optical activation of TrkB in Parvalbumin interneurons regulate intrinsic states to orchestrate cortical plasticity. Molecular Psychiatry, 2021, 26, 7247-7256.	4.1	18
99	Gene Expression Patterns Underlying the Reinstatement of Plasticity in the Adult Visual System. Neural Plasticity, 2013, 2013, 1-8.	1.0	17
100	Utilization of in situ ELISA method for examining Trk receptor phosphorylation in cultured cells. Journal of Neuroscience Methods, 2014, 222, 142-146.	1.3	17
101	Dual mechanism of TRKB activation by anandamide through CB1 and TRPV1 receptors. PeerJ, 2019, 7, e6493.	0.9	16
102	Evidence for Competition for Target Innervation in the Medial Prefrontal Cortex. Cerebral Cortex, 2016, 26, 1287-1294.	1.6	15
103	Fluoxetine does not enhance the effect of perceptual learning on visual function in adults with amblyopia. Scientific Reports, 2018, 8, 12830.	1.6	15
104	Neurotrophin receptor Ntrk2b function in the maintenance of dopamine and serotonin neurons in zebrafish. Scientific Reports, 2019, 9, 2036.	1.6	15
105	Cholesterol recognition motifs in the transmembrane domain of the tyrosine kinase receptor family: The case of TRKB. European Journal of Neuroscience, 2021, 53, 3311-3322.	1.2	15
106	Effects of PSA Removal from NCAM on the Critical Period Plasticity Triggered by the Antidepressant Fluoxetine in the Visual Cortex. Frontiers in Cellular Neuroscience, 2016, 10, 22.	1.8	11
107	Neurochemical Phenotype of Reelin Immunoreactive Cells in the Piriform Cortex Layer II. Frontiers in Cellular Neuroscience, 2016, 10, 65.	1.8	11
108	Effects of the Antidepressant Fluoxetine on the Somatostatin Interneurons in the Basolateral Amygdala. Neuroscience, 2018, 386, 205-213.	1.1	11

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109	A comprehensive p75 neurotrophin receptor gene network and pathway analyses identifying new target genes. <i>Scientific Reports</i> , 2020, 10, 14984.	1.6	10
110	Perineuronal Net Receptor PTPÎf Regulates Retention of Memories. <i>Frontiers in Synaptic Neuroscience</i> , 2021, 13, 672475.	1.3	10
111	Effects of neurotransmitters and hormones on neuronal production of neurotrophins. <i>Seminars in Neuroscience</i> , 1993, 5, 279-283.	2.3	9
112	TrkB-ICD Fragment, Originating From BDNF Receptor Cleavage, Is Translocated to Cell Nucleus and Phosphorylates Nuclear and Axonal Proteins. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 4.	1.4	9
113	Inactivation of the GATA Cofactor ZFPM1 Results in Abnormal Development of Dorsal Raphe Serotonergic Neuron Subtypes and Increased Anxiety-Like Behavior. <i>Journal of Neuroscience</i> , 2020, 40, 8669-8682.	1.7	8
114	Kainate Receptor Auxiliary Subunit NETO2-Related Cued Fear Conditioning Impairments Associate with Defects in Amygdala Development and Excitability. <i>ENeuro</i> , 2020, 7, ENEURO.0541-19.2020.	0.9	8
115	In Vitro and in Vivo Methods for Evaluating Actions of Cytokines on Nerve Growth Factor Production in Central Nervous System. <i>Methods in Neurosciences</i> , 1993, 17, 37-60.	0.5	7
116	Molecular Effects of the Psychotropic NMDA Receptor Antagonist MKâ€01 in the Rat Entorhinal Cortex: Increases in APâ€1 DNA Binding Activity and Expression of Fos and Jun Family Members. <i>Annals of the New York Academy of Sciences</i> , 2000, 911, 73-82.	1.8	7
117	Phosphoproteomic Analysis of Neurotrophin Receptor TrkB Signaling Pathways in Mouse Brain. <i>Cellular and Molecular Neurobiology</i> , 2006, 26, 163-175.	1.7	7
118	NCAM-deficient mice show prominent abnormalities in serotonergic and BDNF systems in brain â€ Restoration by chronic amitriptyline. <i>European Neuropsychopharmacology</i> , 2015, 25, 2394-2403.	0.3	7
119	Nitric Oxide Synthase inhibition counteracts the stressâ€induced DNA methyltransferase 3b expression in the hippocampus of rats. <i>European Journal of Neuroscience</i> , 2022, 55, 2421-2434.	1.2	5
120	Depletion of TrkB Receptors From Adult Serotonergic Neurons Increases Brain Serotonin Levels, Enhances Energy Metabolism and Impairs Learning and Memory. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 616178.	1.4	5
121	Inducible nitric oxide synthase (NOS2) knockout mice as a model of trichotillomania. <i>PeerJ</i> , 2018, 6, e4635.	0.9	5
122	Functional genomics in neuropsychiatric disorders and in neuropharmacology. <i>Expert Opinion on Therapeutic Targets</i> , 2002, 6, 363-374.	1.5	3
123	Neurotrophic Factors and Antidepressant Action: Recent Advances. <i>Modern Problems of Pharmacopsychiatry</i> , 2010, , 199-223.	2.5	3
124	Facilitation of TRKB Activation by the Angiotensin II Receptor Type-2 (AT2R) Agonist C21. <i>Pharmaceuticals</i> , 2021, 14, 773.	1.7	3
125	Trophic Factors: Neurotrophic Factors. , 2013, , 1555-1589.		2
126	Exploratory Clustering of Gene Expression Profiles of Mutated Yeast Strains. , 2006, , 61-74.		2

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127	Reduced evoked activity and cortical oscillations are correlated with anisometric amblyopia and impairment of visual acuity. <i>Scientific Reports</i> , 2021, 11, 8310.	1.6	1
128	Transgenic mice overexpressing truncated trkB neurotrophin receptors in neurons have impaired long-term spatial memory but normal hippocampal LTP. , 2000, 38, 102.		1
129	Epigenetics of Environmental Contaminants. , 2012, , 199-218.		1
130	Neurotrophins as Mediators of Neuronal Plasticity. , 1995, , 261-274.		1
131	Brain-Derived Neurotrophic Factor and Vascular Endothelial Growth Factor: â€œSiamese Twinsâ€ in Antidepressant Action. <i>Biological Psychiatry</i> , 2019, 86, 81-83.	0.7	0
132	Role of Neurotrophic Factors in Cerebellar Development. , 1995, , 205-216.		0