

Enrico Tongiorgi

List of Publications by Year in descending order

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63
papers

3,438
citations

126708

33
h-index

143772

57
g-index

67
all docs

67
docs citations

67
times ranked

4424
citing authors

#	ARTICLE	IF	CITATIONS
1	Activity-Dependent Dendritic Targeting of BDNF and TrkB mRNAs in Hippocampal Neurons. <i>Journal of Neuroscience</i> , 1997, 17, 9492-9505.	1.7	324
2	Spatial segregation of BDNF transcripts enables BDNF to differentially shape distinct dendritic compartments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16813-16818.	3.3	173
3	Molecular Dissection of the Tissue Transglutaminase Autoantibody Response in Celiac Disease. <i>Journal of Immunology</i> , 2001, 166, 4170-4176.	0.4	168
4	A method for reproducible measurements of serum BDNF: comparison of the performance of six commercial assays. <i>Scientific Reports</i> , 2015, 5, 17989.	1.6	168
5	Brain-Derived Neurotrophic Factor mRNA and Protein Are Targeted to Discrete Dendritic Laminas by Events That Trigger Epileptogenesis. <i>Journal of Neuroscience</i> , 2004, 24, 6842-6852.	1.7	130
6	International STakeholder NETwork (ISTNET): creating a developmental neurotoxicity (DNT) testing road map for regulatory purposes. <i>Archives of Toxicology</i> , 2015, 89, 269-287.	1.9	130
7	Neuronal activity regulates the developmental expression and subcellular localization of cortical BDNF mRNA isoforms in vivo. <i>Molecular and Cellular Neurosciences</i> , 2005, 28, 556-570.	1.0	123
8	Brain-Derived Neurotrophic Factor (BDNF) Induces Dendritic Targeting of BDNF and Tyrosine Kinase B mRNAs in Hippocampal Neurons through a Phosphatidylinositol-3 Kinase-Dependent Pathway. <i>Journal of Neuroscience</i> , 2000, 20, 3165-3174.	1.7	108
9	Activity-dependent expression of brain-derived neurotrophic factor in dendrites: Facts and open questions. <i>Neuroscience Research</i> , 2008, 61, 335-346.	1.0	104
10	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
11	Low serum truncated-BDNF isoform correlates with higher cognitive impairment in schizophrenia. <i>Journal of Psychiatric Research</i> , 2011, 45, 273-279.	1.5	102
12	Is Altered BDNF Biosynthesis a General Feature in Patients with Cognitive Dysfunctions?. <i>Neuroscientist</i> , 2013, 19, 345-353.	2.6	97
13	Physical Exercise and Antidepressants Enhance BDNF Targeting in Hippocampal CA3 Dendrites: Further Evidence of a Spatial Code for BDNF Splice Variants. <i>Neuropsychopharmacology</i> , 2012, 37, 1600-1611.	2.8	96
14	Anti Transglutaminase Antibodies Cause Ataxia in Mice. <i>PLoS ONE</i> , 2010, 5, e9698.	1.1	93
15	Cerebellar ataxia as a possible organ-specific autoimmune disease. <i>Movement Disorders</i> , 2008, 23, 1370-1377.	2.2	89
16	Angels and demons: neurotrophic factors and epilepsy. <i>Trends in Pharmacological Sciences</i> , 2006, 27, 631-638.	4.0	86
17	Expression and dendritic mRNA localization of GABA _A receptor $\alpha 1$ and $\alpha 2$ subunits in developing rat brain and spinal cord. <i>European Journal of Neuroscience</i> , 2002, 15, 1747-1758.	1.2	82
18	BDNF and TrkB in neuronal differentiation of Fmr1-knockout mouse. <i>Neurobiology of Disease</i> , 2011, 41, 469-480.	2.1	81

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19	Altered Balance of Proteolytic Isoforms of Pro-Brain-Derived Neurotrophic Factor in Autism. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012, 71, 289-297.	0.9	79
20	Developmental and maintenance defects in Rett syndrome neurons identified by a new mouse staging system in vitro. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 18.	1.8	70
21	Toward a unified biological hypothesis for the BDNF Val66Met-associated memory deficits in humans: a model of impaired dendritic mRNA trafficking. <i>Frontiers in Neuroscience</i> , 2013, 7, 188.	1.4	57
22	Mismatch between BDNF mRNA and protein expression in the developing visual cortex: the role of visual experience. <i>European Journal of Neuroscience</i> , 2001, 13, 709-721.	1.2	55
23	What Is the Biological Significance of BDNF mRNA Targeting in the Dendrites?: Clues From Epilepsy and Cortical Development. <i>Molecular Neurobiology</i> , 2006, 33, 017-032.	1.9	50
24	Acute stress alters transcript expression pattern and reduces processing of proBDNF to mature BDNF in <i>Dicentrarchus labrax</i> . <i>BMC Neuroscience</i> , 2010, 11, 4.	0.8	50
25	Expression and Dendritic Trafficking of BDNF-6 Splice Variant are Impaired in Knock-In Mice Carrying Human BDNF Val66Met Polymorphism. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv069.	1.0	50
26	Pharmacological treatment with mirtazapine rescues cortical atrophy and respiratory deficits in MeCP2 null mice. <i>Scientific Reports</i> , 2016, 6, 19796.	1.6	49
27	Regulation of the spatial code for BDNF mRNA isoforms in the rat hippocampus following pilocarpine treatment: A systematic analysis using laser microdissection and quantitative real-time PCR. <i>Hippocampus</i> , 2013, 23, 413-423.	0.9	48
28	A non-radioactive in situ hybridization method that does not require RNase-free conditions. <i>Journal of Neuroscience Methods</i> , 1998, 85, 129-139.	1.3	45
29	The effects of BDNF Val66Met polymorphism on brain function in controls and patients with multiple sclerosis: An imaging genetic study. <i>Behavioural Brain Research</i> , 2010, 207, 377-386.	1.2	42
30	BDNF impact on synaptic dynamics: extra or intracellular long-term release differently regulates cultured hippocampal synapses. <i>Molecular Brain</i> , 2020, 13, 43.	1.3	42
31	Pharmacological Profile of Brain-derived Neurotrophic Factor (BDNF) Splice Variant Translation Using a Novel Drug Screening Assay. <i>Journal of Biological Chemistry</i> , 2014, 289, 27702-27713.	1.6	40
32	Dendritic trafficking of brain-derived neurotrophic factor mRNA: regulation by translin-dependent and -independent mechanisms. <i>Journal of Neurochemistry</i> , 2011, 116, 1112-1121.	2.1	39
33	Dendritic targeting of short and long 3' UTR BDNF mRNA is regulated by BDNF or NT-3 and distinct sets of RNA-binding proteins. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 62.	1.4	39
34	Gluten Ataxia: Passive Transfer in a Mouse Model. <i>Annals of the New York Academy of Sciences</i> , 2007, 1107, 319-328.	1.8	38
35	Localization of BDNF mRNA with the Huntington's disease protein in rat brain. <i>Molecular Neurodegeneration</i> , 2010, 5, 22.	4.4	36
36	The effects of anti-nerve growth factor monoclonal antibodies on developing basal forebrain neurons are transient and reversible. <i>European Journal of Neuroscience</i> , 1998, 10, 3127-3140.	1.2	33

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37	Tenascin-C mRNA is expressed in cranial neural crest cells, in some placodal derivatives, and in discrete domains of the embryonic zebrafish brain. <i>Journal of Neurobiology</i> , 1995, 28, 391-407.	3.7	30
38	Signaling pathways controlling activity-dependent local translation of BDNF and their localization in dendritic arbors. <i>Journal of Cell Science</i> , 2016, 129, 2852-64.	1.2	30
39	Functions and Mechanisms of BDNF mRNA Trafficking. <i>Novartis Foundation Symposium</i> , 2008, 289, 136-151.	1.2	26
40	Use of optical tweezers technology for long-term, focal stimulation of specific subcellular neuronal compartments. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 568.	0.6	23
41	Altered serum content of brain-derived neurotrophic factor isoforms in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2012, 320, 161-165.	0.3	23
42	BDNF splice variants from the second promoter cluster support cell survival of differentiated neuroblastoma upon cytotoxic stress. <i>Journal of Cell Science</i> , 2009, 122, 36-43.	1.2	21
43	The mediating role of interpersonal conflict at work in the relationship between negative affectivity and biomarkers of stress. <i>Journal of Behavioral Medicine</i> , 2015, 38, 922-931.	1.1	19
44	Distinct CCL2, CCL5, CCL11, CCL27, IL-17, IL-6, BDNF serum profiles correlate to different job-stress outcomes. <i>Neurobiology of Stress</i> , 2018, 8, 82-91.	1.9	19
45	Brain-derived neurotrophic factor serum levels in genetically isolated populations: gender-specific association with anxiety disorder subtypes but not with anxiety levels or Val66Met polymorphism. <i>PeerJ</i> , 2015, 3, e1252.	0.9	18
46	BDNF splice variants from the second promoter cluster support cell survival of differentiated neuroblastoma upon cytotoxic stress. <i>Journal of Cell Science</i> , 2009, 122, 156-156.	1.2	13
47	Tenascin-C expression in the trunk of wild-type, cyclops and floating head zebrafish embryos. <i>Brain Research Bulletin</i> , 1999, 48, 79-88.	1.4	12
48	BDNF-Live-Exon-Visualization (BLEV) Allows Differential Detection of BDNF Transcripts in vitro and in vivo. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 325.	1.4	12
49	Distinct role of 5'UTR sequences in dendritic trafficking of BDNF mRNA: additional mechanisms for the BDNF splice variants spatial code. <i>Molecular Brain</i> , 2021, 14, 10.	1.3	12
50	Effects of Cyclic Nucleotides and Calcium/Calmodulin on Protein Phosphorylation in the CNS of <i>Hirudo medicinalis</i> . <i>Journal of Neurochemistry</i> , 1989, 52, 699-704.	2.1	8
51	Novel neuronal and endocrine autoantibody targets in autoimmune polyendocrine syndrome type 1. <i>Autoimmunity</i> , 2012, 45, 485-494.	1.2	8
52	In vitro modeling of dendritic atrophy in Rett syndrome: determinants for phenotypic drug screening in neurodevelopmental disorders. <i>Scientific Reports</i> , 2020, 10, 2491.	1.6	8
53	Protective role of mirtazapine in adult female <i>Mecp2+/-</i> mice and patients with Rett syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2020, 12, 26.	1.5	8
54	Detection of anti-brain serum antibodies using a semi-quantitative immunohistological method. <i>Journal of Immunological Methods</i> , 2006, 309, 139-149.	0.6	7

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55	TRKB signalling controls the expression of N-methyl-D-aspartate receptors in the visual cortex. <i>European Journal of Neuroscience</i> , 2002, 16, 1067-1074.	1.2	5
56	Combined cisplatin and aurora inhibitor treatment increase neuroblastoma cell death but surviving cells overproduce BDNF. <i>Biology Open</i> , 2016, 5, 899-907.	0.6	5
57	Amyloid- β impairs dendritic trafficking of Golgi-like organelles in the early phase preceding neurite atrophy: rescue by mirtazapine. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 661728.	1.4	3
58	Mirtazapine treatment in a young female mouse model of Rett syndrome identifies time windows for the rescue of early phenotypes. <i>Experimental Neurology</i> , 2022, 353, 114056.	2.0	2
59	Detecting BDNF protein forms by ELISA, Western blot, and immunofluorescence. <i>NeuroMethods</i> , 2018, , 89-103.	0.2	1
60	State of art of serum brain-derived neurotrophic factor in schizophrenia. , 0, , .		1
61	Quantification of antineural antibodies in autoimmune neurological disorders. <i>Expert Review of Clinical Immunology</i> , 2007, 3, 949-973.	1.3	0
62	Authors' response. <i>Journal of Behavioral Medicine</i> , 2016, 39, 367-368.	1.1	0
63	Interferon-beta, but not glatiramer acetate treatment induces gender-specific increase in BDNF serum levels in relapsing-remitting multiple sclerosis female patients. , 0, , 05-18.		0