

Gabriele Baj

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3653072/gabriele-baj-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

1,501
citations

22
h-index

38
g-index

43
ext. papers

1,776
ext. citations

6.9
avg, IF

4.29
L-index

#	Paper	IF	Citations
41	Dendritic trafficking of BDNF mRNA is mediated by translin and blocked by the G196A (Val66Met) mutation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 16481-6	11.5	165
40	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, 16813-8	11.5	146
39	BDNF mRNA splice variants display activity-dependent targeting to distinct hippocampal laminae. <i>Molecular and Cellular Neurosciences</i> , 2008 , 37, 11-9	4.8	131
38	A method for reproducible measurements of serum BDNF: comparison of the performance of six commercial assays. <i>Scientific Reports</i> , 2015 , 5, 17989	4.9	119
37	Low serum truncated-BDNF isoform correlates with higher cognitive impairment in schizophrenia. <i>Journal of Psychiatric Research</i> , 2011 , 45, 273-9	5.2	83
36	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, 1600-11	8.7	77
35	Rescue of bilirubin-induced neonatal lethality in a mouse model of Crigler-Najjar syndrome type I by AAV9-mediated gene transfer. <i>FASEB Journal</i> , 2012 , 26, 1052-63	0.9	56
34	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	6.1	53
33	ACTN1-related thrombocytopenia: identification of novel families for phenotypic characterization. <i>Blood</i> , 2015 , 125, 869-72	2.2	44
32	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	5.1	43
31	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, 413-23	3.5	41
30	Pharmacological treatment with mirtazapine rescues cortical atrophy and respiratory deficits in MeCP2 null mice. <i>Scientific Reports</i> , 2016 , 6, 19796	4.9	41
29	3D Carbon-Nanotube-Based Composites for Cardiac Tissue Engineering.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 1530-1537	4.1	41
28	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	3.2	37
27	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,	5.8	30
26	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	6.1	29
25	Age-dependent pattern of cerebellar susceptibility to bilirubin neurotoxicity in vivo in mice. <i>DMM Disease Models and Mechanisms</i> , 2014 , 7, 1057-68	4.1	29

24	Localization of BDNF mRNA with the Huntington's disease protein in rat brain. <i>Molecular Neurodegeneration</i> , 2010 , 5, 22	19	29
23	New potential therapeutic approach for the treatment of B-Cell malignancies using chlorambucil/hydroxychloroquine-loaded anti-CD20 nanoparticles. <i>PLoS ONE</i> , 2013 , 8, e74216	3.7	27
22	The SNARE VAMP7 Regulates Exocytic Trafficking of Interleukin-12 in Dendritic Cells. <i>Cell Reports</i> , 2016 , 14, 2624-36	10.6	26
21	Pharmacological profile of brain-derived neurotrophic factor (BDNF) splice variant translation using a novel drug screening assay: a "quantitative code". <i>Journal of Biological Chemistry</i> , 2014 , 289, 27702-13	5.4	24
20	Blockade of BDNF signaling turns chemically-induced long-term potentiation into long-term depression. <i>Hippocampus</i> , 2013 , 23, 879-89	3.5	23
19	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	5.3	22
18	Functions and mechanisms of BDNF mRNA trafficking. <i>Novartis Foundation Symposium</i> , 2008 , 289, 136-47; discussion 147-51, 193-5		20
17	Altered serum content of brain-derived neurotrophic factor isoforms in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2012 , 320, 161-5	3.2	19
16	Substrate Dissipation Energy Regulates Cell Adhesion and Spreading. <i>Advanced Functional Materials</i> , 2020 , 30, 2001977	15.6	18
15	Use of optical tweezers technology for long-term, focal stimulation of specific subcellular neuronal compartments. <i>Integrative Biology (United Kingdom)</i> , 2011 , 3, 568-77	3.7	17
14	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	5.3	17
13	Aptamer targeting of the elongation factor 1A impairs hepatocarcinoma cells viability and potentiates bortezomib and idarubicin effects. <i>International Journal of Pharmaceutics</i> , 2016 , 506, 268-79	6.5	15
12	Targeted Delivery of Neutralizing Anti-C5 Antibody to Renal Endothelium Prevents Complement-Dependent Tissue Damage. <i>Frontiers in Immunology</i> , 2017 , 8, 1093	8.4	13
11	Geranylgeraniol and Neurological Impairment: Involvement of Apoptosis and Mitochondrial Morphology. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 365	6.3	11
10	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	5.3	9
9	Brain-derived neurotrophic factor signaling is altered in the forebrain of Engrailed-2 knockout mice. <i>Neuroscience</i> , 2016 , 324, 252-61	3.9	9
8	Novel NOD2 Mutation in Early-Onset Inflammatory Bowel Phenotype. <i>Inflammatory Bowel Diseases</i> , 2018 , 24, 1204-1212	4.5	8
7	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	3.1	8

6	Advanced photodynamic therapy with an engineered M13 phage targeting EGFR: Mitochondrial localization and autophagy induction in ovarian cancer cell lines. <i>Free Radical Biology and Medicine</i> , 2021 , 179, 242-242	7.8	6
5	Combined cisplatin and aurora inhibitor treatment increase neuroblastoma cell death but surviving cells overproduce BDNF. <i>Biology Open</i> , 2016 , 5, 899-907	2.2	5
4	BDNF-Live-Exon-Visualization (BLEV) Allows Differential Detection of BDNF Transcripts and. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 325	6.1	5
3	In vitro modeling of dendritic atrophy in Rett syndrome: determinants for phenotypic drug screening in neurodevelopmental disorders. <i>Scientific Reports</i> , 2020 , 10, 2491	4.9	4
2	Long-Term Effects of Biliverdin Reductase a Deficiency in Mice: Impact on Redox Status and Metabolism.. <i>Antioxidants</i> , 2021 , 10,	7.1	1
1	Regulation of Substrate Dissipation via Tunable Linear Elasticity Controls Cell Activity. <i>Advanced Functional Materials</i> , 2200309	15.6	0