

Gabriele Baj

List of Publications by Year in Descending Order

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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	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
40	Long-Term Effects of Biliverdin Reductase a Deficiency in Mice: Impact on Redox Status and Metabolism.. <i>Antioxidants</i> , 2021 , 10,	7.1	1
39	Substrate Dissipation Energy Regulates Cell Adhesion and Spreading. <i>Advanced Functional Materials</i> , 2020 , 30, 2001977	15.6	18
38	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
37	Novel NOD2 Mutation in Early-Onset Inflammatory Bowel Phenotype. <i>Inflammatory Bowel Diseases</i> , 2018 , 24, 1204-1212	4.5	8
36	BDNF-Live-Exon-Visualization (BLEV) Allows Differential Detection of BDNF Transcripts and. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 325	6.1	5
35	3D Carbon-Nanotube-Based Composites for Cardiac Tissue Engineering.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 1530-1537	4.1	41
34	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
33	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
32	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
31	Geranylgeraniol and Neurological Impairment: Involvement of Apoptosis and Mitochondrial Morphology. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 365	6.3	11
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	The SNARE VAMP7 Regulates Exocytic Trafficking of Interleukin-12 in Dendritic Cells. <i>Cell Reports</i> , 2016 , 14, 2624-36	10.6	26
28	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
27	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
26	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
25	ACTN1-related thrombocytopenia: identification of novel families for phenotypic characterization. <i>Blood</i> , 2015 , 125, 869-72	2.2	44

24	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
23	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
22	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
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	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
19	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
18	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
17	Blockade of BDNF signaling turns chemically-induced long-term potentiation into long-term depression. <i>Hippocampus</i> , 2013 , 23, 879-89	3.5	23
16	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
15	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
14	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
13	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
12	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
11	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
10	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
9	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
8	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
7	Localization of BDNF mRNA with the Huntington's disease protein in rat brain. <i>Molecular Neurodegeneration</i> , 2010 , 5, 22	19	29

6	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
5	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
4	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
3	Functions and mechanisms of BDNF mRNA trafficking. <i>Novartis Foundation Symposium</i> , 2008 , 289, 136-47; discussion 147-51, 193-5		20
2	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
1	Regulation of Substrate Dissipation via Tunable Linear Elasticity Controls Cell Activity. <i>Advanced Functional Materials</i> , 2200309	15.6	0