

Dagmar Galter

List of Publications by Year in descending order

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75
papers

5,988
citations

81900
39
h-index

79698
73
g-index

75
all docs

75
docs citations

75
times ranked

8436
citing authors

#	ARTICLE	IF	CITATIONS
1	Progressive parkinsonism in mice with respiratory-chain-deficient dopamine neurons. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1325-1330.	7.1	516
2	PDGF-BB induces intratumoral lymphangiogenesis and promotes lymphatic metastasis. Cancer Cell, 2004, 6, 333-345.	16.8	480
3	Functions of glutathione and glutathione disulfide in immunology and immunopathology. FASEB Journal, 1994, 8, 1131-1138.	0.5	419
4	Modulation of the endoplasmic reticulum-mitochondria interface in Alzheimer's disease and related models. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7916-7921.	7.1	381
5	Dopaminergic Neuronal Loss, Reduced Neurite Complexity and Autophagic Abnormalities in Transgenic Mice Expressing G2019S Mutant LRRK2. PLoS ONE, 2011, 6, e18568.	2.5	338
6	Distinct effects of glutathione disulphide on the nuclear transcription factors kappaB and the activator protein-1. FEBS Journal, 1994, 221, 639-648.	0.2	253
7	PDGF-BB modulates hematopoiesis and tumor angiogenesis by inducing erythropoietin production in stromal cells. Nature Medicine, 2012, 18, 100-110.	30.7	185
8	Vascular Endothelial Growth Factor-A Promotes Peritumoral Lymphangiogenesis and Lymphatic Metastasis. Cancer Research, 2005, 65, 9261-9268.	0.9	170
9	LRRK2 expression linked to dopamine-innervated areas. Annals of Neurology, 2006, 59, 714-719.	5.3	166
10	Modulation of transcription factor NF- κ B activity by intracellular glutathione levels and by variations of the extracellular cysteine supply. FASEB Journal, 1995, 9, 246-252.	0.5	151
11	ALDH1 mRNA: presence in human dopamine neurons and decreases in substantia nigra in Parkinson's disease and in the ventral tegmental area in schizophrenia. Neurobiology of Disease, 2003, 14, 637-647.	4.4	148
12	Growth/Differentiation Factor-15/Macrophage Inhibitory Cytokine-1 Is a Novel Trophic Factor for Midbrain Dopaminergic Neurons <i>In Vivo</i> . Journal of Neuroscience, 2000, 20, 8597-8603.	3.6	145
13	mRNA expression, splicing and editing in the embryonic and adult mouse cerebral cortex. Nature Neuroscience, 2013, 16, 499-506.	14.8	130
14	Parkinson's disease: genetic versus toxin-induced rodent models. FEBS Journal, 2008, 275, 1384-1391.	4.7	126
15	VGLUT2 in dopamine neurons is required for psychostimulant-induced behavioral activation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 389-394.	7.1	123
16	Impaired nigrostriatal function precedes behavioral deficits in a genetic mitochondrial model of Parkinson's disease. FASEB Journal, 2011, 25, 1333-1344.	0.5	112
17	The MitoPark Mouse - An animal model of Parkinson's disease with impaired respiratory chain function in dopamine neurons. Parkinsonism and Related Disorders, 2009, 15, S185-S188.	2.2	101
18	Developmental regulation of leucine-rich repeat kinase 1 and 2 expression in the brain and other rodent and human organs: Implications for Parkinson's disease. Neuroscience, 2008, 152, 429-436.	2.3	96

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19	MitoPark mice mirror the slow progression of key symptoms and L-DOPA response in Parkinson's disease. <i>Genes, Brain and Behavior</i> , 2010, 9, 173-181.	2.2	92
20	Neurodegenerative phenotypes in an A53T α -synuclein transgenic mouse model are independent of LRRK2. <i>Human Molecular Genetics</i> , 2012, 21, 2420-2431.	2.9	84
21	Sequential Activation of the 5-HT1A Serotonin Receptor and TrkB Induces the Serotonergic Neuronal Phenotype. <i>Molecular and Cellular Neurosciences</i> , 2000, 15, 446-455.	2.2	80
22	Myeloperoxidase-immunoreactive cells are significantly increased in brain areas affected by neurodegeneration in Parkinson's and Alzheimer's disease. <i>Cell and Tissue Research</i> , 2017, 369, 445-454.	2.9	79
23	Distribution of class I, III and IV alcohol dehydrogenase mRNAs in the adult rat, mouse and human brain. <i>FEBS Journal</i> , 2003, 270, 1316-1326.	0.2	78
24	Post-transcriptional regulation of mRNA associated with DJ-1 in sporadic Parkinson disease. <i>Neuroscience Letters</i> , 2009, 452, 8-11.	2.1	73
25	Brain-derived neurotrophic factor and trkB are essential for cAMP-mediated induction of the serotonergic neuronal phenotype. <i>Journal of Neuroscience Research</i> , 2000, 61, 295-301.	2.9	65
26	Conditional expression of Parkinson's disease-related R1441C LRRK2 in midbrain dopaminergic neurons of mice causes nuclear abnormalities without neurodegeneration. <i>Neurobiology of Disease</i> , 2014, 71, 345-358.	4.4	59
27	A Rare Truncating Mutation in ADH1C (G78Stop) Shows Significant Association With Parkinson Disease in a Large International Sample. <i>Archives of Neurology</i> , 2005, 62, 74.	4.5	57
28	Expression of PINK1 mRNA in human and rodent brain and in Parkinson's disease. <i>Brain Research</i> , 2007, 1184, 10-16.	2.2	50
29	Strong association between glucocerebrosidase mutations and Parkinson's disease in Sweden. <i>Neurobiology of Aging</i> , 2016, 45, 212.e5-212.e11.	3.1	50
30	Role of cysteine and glutathione in signal transduction, immunopathology and cachexia. <i>BioFactors</i> , 1998, 8, 97-102.	5.4	48
31	Leucine-rich repeat kinase 2 (LRRK2) mutations in a Swedish Parkinson cohort and a healthy nonagenarian. <i>Movement Disorders</i> , 2006, 21, 1731-1734.	3.9	47
32	Transcriptomic profiling of the human brain reveals that altered synaptic gene expression is associated with chronological aging. <i>Scientific Reports</i> , 2017, 7, 16890.	3.3	47
33	S18Y in ubiquitin carboxy-terminal hydrolase L1 (UCH-L1) associated with decreased risk of Parkinson's disease in Sweden. <i>Parkinsonism and Related Disorders</i> , 2007, 13, 295-298.	2.2	46
34	An organic electronic biomimetic neuron enables auto-regulated neuromodulation. <i>Biosensors and Bioelectronics</i> , 2015, 71, 359-364.	10.1	44
35	Role of Cysteine and Glutathione in HIV Infection and Cancer Cachexia: Therapeutic Intervention with N-Acetylcysteine. <i>Advances in Pharmacology</i> , 1996, 38, 581-600.	2.0	43
36	Association study of two genetic variants in mitochondrial transcription factor A (TFAM) in Alzheimer's and Parkinson's disease. <i>Neuroscience Letters</i> , 2007, 420, 257-262.	2.1	41

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37	Expression of multi-drug resistance 1 mRNA in human and rodent tissues: reduced levels in Parkinson patients. <i>Cell and Tissue Research</i> , 2008, 334, 179-185.	2.9	41
38	Age-associated mosaic respiratory chain deficiency causes trans-neuronal degeneration. <i>Human Molecular Genetics</i> , 2008, 17, 1418-1426.	2.9	41
39	Cerebellar α -synuclein levels are decreased in Parkinson's disease and do not correlate with <i>SNCA</i> polymorphisms associated with disease in a Swedish material. <i>FASEB Journal</i> , 2008, 22, 3509-3514.	0.5	41
40	MAG11 Copy Number Variation in Bipolar Affective Disorder and Schizophrenia. <i>Biological Psychiatry</i> , 2012, 71, 922-930.	1.3	41
41	Differential regulation of distinct phenotypic features of serotonergic neurons by bone morphogenetic proteins. <i>European Journal of Neuroscience</i> , 1999, 11, 2444-2452.	2.6	39
42	Tissue- and species-specific expression patterns of class I, III, and IV Adh and Aldh1 mRNAs in rodent embryos. <i>Cell and Tissue Research</i> , 2005, 322, 227-236.	2.9	38
43	Association of a polymorphism in the ABCB1 gene with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2009, 15, 422-424.	2.2	38
44	NURR1 promoter polymorphisms: Parkinson's disease, schizophrenia, and personality traits. , 2003, 120B, 51-57.		36
45	Lrrk2 and α -synuclein are co-regulated in rodent striatum. <i>Molecular and Cellular Neurosciences</i> , 2008, 39, 586-591.	2.2	36
46	Altered Expression of Growth Associated Protein-43 and Rho Kinase in Human Patients with Parkinson's Disease. <i>Brain Pathology</i> , 2017, 27, 13-25.	4.1	35
47	Regulation of the transmitter phenotype of rostral and caudal groups of cultured serotonergic raphe neurons. <i>Neuroscience</i> , 1999, 88, 549-559.	2.3	34
48	Variations of the CAG trinucleotide repeat in DNA polymerase gamma (POLG1) is associated with Parkinson's disease in Sweden. <i>Neuroscience Letters</i> , 2010, 485, 117-120.	2.1	32
49	Behavioral Deficits and Striatal DA Signaling in LRRK2 p.G2019S Transgenic Rats: A Multimodal Investigation Including PET Neuroimaging. <i>Journal of Parkinson's Disease</i> , 2014, 4, 483-498.	2.8	32
50	High and complementary expression patterns of alcohol and aldehyde dehydrogenases in the gastrointestinal tract. <i>FEBS Journal</i> , 2007, 274, 1212-1223.	4.7	30
51	Enhanced dendritogenesis and axogenesis in hippocampal neuroblasts of LRRK2 knockout mice. <i>Brain Research</i> , 2013, 1497, 85-100.	2.2	30
52	GDNF-related factor persephin is widely distributed throughout the nervous system. , 1998, 53, 494-501.		29
53	Association of a protective paraoxonase 1 (PON1) polymorphism in Parkinson's disease. <i>Neuroscience Letters</i> , 2012, 522, 30-35.	2.1	27
54	Chronic A2A antagonist treatment alleviates parkinsonian locomotor deficiency in MitoPark mice. <i>Neurobiology of Disease</i> , 2010, 40, 460-466.	4.4	25

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55	Altered enzymatic activity and allele frequency of OMI/HTRA2 in Alzheimer's disease. <i>FASEB Journal</i> , 2011, 25, 1345-1352.	0.5	25
56	No Dopamine Cell Loss or Changes in Cytoskeleton Function in Transgenic Mice Expressing Physiological Levels of Wild Type or G2019S Mutant LRRK2 and in Human Fibroblasts. <i>PLoS ONE</i> , 2015, 10, e0118947.	2.5	24
57	Developmental regulation of the serotonergic transmitter phenotype in rostral and caudal raphe neurons by transforming growth factor- β s. <i>Journal of Neuroscience Research</i> , 1999, 56, 531-538.	2.9	21
58	DJ-1 and UCH-L1 gene activity patterns in the brains of controls, Parkinson and schizophrenia patients and in rodents. <i>Physiology and Behavior</i> , 2007, 92, 46-53.	2.1	21
59	Nestin-like immunoreactivity of corpora amylacea in aged human brain. <i>Molecular Brain Research</i> , 2001, 94, 204-208.	2.3	20
60	Chronic L-DOPA induces hyperactivity, normalization of gait and dyskinetic behavior in MitoPark mice. <i>Genes, Brain and Behavior</i> , 2015, 14, 260-270.	2.2	19
61	Possible Involvement of a Mitochondrial Translation Initiation Factor 3 Variant Causing Decreased mRNA Levels in Parkinson's Disease. <i>Parkinson's Disease</i> , 2010, 2010, 1-5.	1.1	14
62	Adh1 and Adh1/4 knockout mice as possible rodent models for presymptomatic Parkinson's disease. <i>Behavioural Brain Research</i> , 2012, 227, 252-257.	2.2	13
63	Modeling Parkinson's disease genetics: Altered function of the dopamine system in Adh4 knockout mice. <i>Behavioural Brain Research</i> , 2011, 217, 439-445.	2.2	12
64	Genetic Variations and mRNA Expression of NRF2 in Parkinson's Disease. <i>Parkinson's Disease</i> , 2017, 2017, 1-7.	1.1	12
65	[23] Thiols and the immune system: Effect of N-acetylcysteine on T cell system in human subjects. <i>Methods in Enzymology</i> , 1995, 251, 255-270.	1.0	11
66	Genetic Screening of the Mitochondrial Rho GTPases MIRO1 and MIRO2 in Parkinson's Disease. <i>The Open Neurology Journal</i> , 2012, 6, 1-5.	0.4	10
67	Genetic studies of the protein kinase AKT1 in Parkinson's disease. <i>Neuroscience Letters</i> , 2011, 501, 41-44.	2.1	9
68	Histamine induces KCNQ channel-dependent gamma oscillations in rat hippocampus via activation of the H1 receptor. <i>Neuropharmacology</i> , 2017, 118, 13-25.	4.1	7
69	Comparison of Three Hypothermic Target Temperatures for the Treatment of Hypoxic Ischemia: mRNA Level Responses of Eight Genes in the Piglet Brain. <i>Translational Stroke Research</i> , 2013, 4, 248-257.	4.2	6
70	ADAR2 affects mRNA coding sequence edits with only modest effects on gene expression or splicing <i>in vivo</i> . <i>RNA Biology</i> , 2016, 13, 15-24.	3.1	6
71	Procaine has opposite effects on passive Na and K permeabilities in frog skin. <i>Pflugers Archiv European Journal of Physiology</i> , 1987, 408, 215-219.	2.8	5
72	PDGF-BB induces intratumoral lymphangiogenesis and promotes lymphatic metastasis. <i>Cancer Cell</i> , 2006, 9, 239.	16.8	2

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73	Parkinson's Disease: recent progress. FEBS Journal, 2008, 275, 1369-1369.	4.7	1
74	Brain-derived neurotrophic factor and trkB are essential for cAMP-mediated induction of the serotonergic neuronal phenotype. Journal of Neuroscience Research, 2000, 61, 295-301.	2.9	1
75	S18Y, UCH-L1 and Parkinson's Disease. European Neurological Review, 2008, 3, 41.	0.5	1