

Armin Schneider

List of Publications by Year in descending order

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85
papers

7,991
citations

66343

42
h-index

60623

81
g-index

86
all docs

86
docs citations

86
times ranked

9066
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and Bioinformatics Identify Responders to G-CSF in Patients With Amyotrophic Lateral Sclerosis. <i>Frontiers in Neurology</i> , 2021, 12, 616289.	2.4	2
2	Biomarker Supervised G-CSF (Filgrastim) Response in ALS Patients. <i>Frontiers in Neurology</i> , 2018, 9, 971.	2.4	12
3	Analytical sequence to study G-CSF effect on the transcriptome of isolated spinal motoneurons from SOD1 G93A mice, an animal model for amyotrophic lateral sclerosis. <i>Genomics Data</i> , 2015, 4, 47-49.	1.3	0
4	The Granulocyte-colony stimulating factor has a dual role in neuronal and vascular plasticity. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 48.	3.7	53
5	Flow Cytometry-Based Quantification of Neurogenesis in the Central Nervous System. <i>Neuromethods</i> , 2015, , 141-150.	0.3	0
6	Response to Letter Regarding Article, "Granulocyte Colony-Stimulating Factor in Patients With Acute Ischemic Stroke: Results of the AX200 for Ischemic Stroke Trial" <i>Stroke</i> , 2014, 45, e9.	2.0	0
7	Granulocyte-colony stimulating factor: a new player for the enteric nervous system. <i>Cell and Tissue Research</i> , 2014, 355, 35-48.	2.9	13
8	<scp>KIBRA</scp> (Kidney/BRAin protein) regulates learning and memory and stabilizes Protein kinase M1. <i>Journal of Neurochemistry</i> , 2014, 128, 686-700.	3.9	64
9	Forced arm use is superior to voluntary training for motor recovery and brain plasticity after cortical ischemia in rats. <i>Experimental & Translational Stroke Medicine</i> , 2014, 6, 3.	3.2	12
10	Gene expression changes in spinal motoneurons of the SOD1G93A transgenic model for ALS after treatment with G-CSF. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 464.	3.7	16
11	Granulocyte Colony-Stimulating Factor in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2013, 44, 2681-2687.	2.0	125
12	Granulocyte Colony-Stimulating Factor Improves Cerebrovascular Reserve Capacity by Enhancing Collateral Growth in the Circle of Willis. <i>Cerebrovascular Diseases</i> , 2012, 33, 419-429.	1.7	30
13	The hematopoietic cytokine granulocyte-macrophage colony stimulating factor is important for cognitive functions. <i>Scientific Reports</i> , 2012, 2, 697.	3.3	43
14	Initial Lesion Volume Is an Independent Predictor of Clinical Stroke Outcome at Day 90. <i>Stroke</i> , 2012, 43, 1266-1272.	2.0	123
15	Pegylated granulocyte colony-stimulating factor conveys long-term neuroprotection and improves functional outcome in a model of Parkinson's disease. <i>Brain</i> , 2012, 135, 1914-1925.	7.6	30
16	Granulocyte-Colony Stimulating Factor (G-CSF) Improves Motor Recovery in the Rat Impactor Model for Spinal Cord Injury. <i>PLoS ONE</i> , 2012, 7, e29880.	2.5	32
17	G-CSF Prevents the Progression of Structural Disintegration of White Matter Tracts in Amyotrophic Lateral Sclerosis: A Pilot Trial. <i>PLoS ONE</i> , 2011, 6, e17770.	2.5	39
18	Granulocyte-Colony Stimulating Factor (G-CSF) in Stroke Patients with Concomitant Vascular Disease—A Randomized Controlled Trial. <i>PLoS ONE</i> , 2011, 6, e19767.	2.5	35

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19	A novel flow cytometry-based technique to measure adult neurogenesis in the brain. <i>Journal of Neurochemistry</i> , 2011, 119, 165-175.	3.9	12
20	A screen for peptide agonists of the G-CSF receptor. <i>BMC Research Notes</i> , 2011, 4, 194.	1.4	4
21	CNS-targeted Viral Delivery of G-CSF in an Animal Model for ALS: Improved Efficacy and Preservation of the Neuromuscular Unit. <i>Molecular Therapy</i> , 2011, 19, 284-292.	8.2	61
22	Neurotrophic growth factors for the treatment of amyotrophic lateral sclerosis: where do we stand?. <i>Frontiers in Neuroscience</i> , 2010, 4, 32.	2.8	86
23	G-CSF protects motoneurons against axotomy-induced apoptotic death in neonatal mice. <i>BMC Neuroscience</i> , 2010, 11, 25.	1.9	28
24	The hematopoietic factor granulocyte colony stimulating factor improves outcome in experimental spinal cord injury. <i>Journal of Neurochemistry</i> , 2010, 113, 930-942.	3.9	44
25	KIBRA: a new gateway to learning and memory?. <i>Frontiers in Aging Neuroscience</i> , 2010, 2, 4.	3.4	77
26	Semaphorin 6A Improves Functional Recovery in Conjunction with Motor Training after Cerebral Ischemia. <i>PLoS ONE</i> , 2010, 5, e10737.	2.5	11
27	AXIS. <i>Stroke</i> , 2010, 41, 2545-2551.	2.0	116
28	Effects of G-CSF treatment on neutrophil mobilization and neurological outcome after transient focal ischemia. <i>Experimental Neurology</i> , 2010, 222, 108-113.	4.1	34
29	Characterization of a Novel SOD-1(G93A) Transgenic Mouse Line with Very Decelerated Disease Development. <i>PLoS ONE</i> , 2010, 5, e15445.	2.5	49
30	Synergetic Effects of Granulocyte-Colony Stimulating Factor and Cognitive Training on Spatial Learning and Survival of Newborn Hippocampal Neurons. <i>PLoS ONE</i> , 2009, 4, e5303.	2.5	21
31	The Role of Granulocyte-Colony Stimulating Factor (G-CSF) in the Healthy Brain: A Characterization of G-CSF-Deficient Mice. <i>Journal of Neuroscience</i> , 2009, 29, 11572-11581.	3.6	80
32	Granulocyte-Colony Stimulating Factor Delays PWI/DWI Mismatch Evolution and Reduces Final Infarct Volume in Permanent-Suture and Embolic Focal Cerebral Ischemia Models in the Rat. <i>Stroke</i> , 2009, 40, 3102-3106.	2.0	24
33	Both systemic and local application of Granulocyte-colony stimulating factor (G-CSF) is neuroprotective after retinal ganglion cell axotomy. <i>BMC Neuroscience</i> , 2009, 10, 49.	1.9	41
34	Discovery of transcriptional programs in cerebral ischemia by in silico promoter analysis. <i>Brain Research</i> , 2009, 1272, 3-13.	2.2	17
35	Expression of Hemoglobin in Rodent Neurons. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 585-595.	4.3	124
36	Endogenous brain protection by granulocyte-colony stimulating factor after ischemic stroke. <i>Experimental Neurology</i> , 2009, 217, 328-335.	4.1	53

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37	The receptor for Granulocyte-colony stimulating factor (G-CSF) is expressed in radial glia during development of the nervous system. <i>BMC Developmental Biology</i> , 2008, 8, 32.	2.1	30
38	A Neuroprotective Function for the Hematopoietic Protein Granulocyte-Macrophage Colony Stimulating Factor (GM-CSF). <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 29-43.	4.3	149
39	Peptidoglycan recognition protein-S (PGRP-S) is upregulated by NF- κ B. <i>Neuroscience Letters</i> , 2008, 430, 138-141.	2.1	7
40	Meta-Analysis of the Efficacy of Granulocyte-Colony Stimulating Factor in Animal Models of Focal Cerebral Ischemia. <i>Stroke</i> , 2008, 39, 1855-1861.	2.0	110
41	MINOCYCLINE TREATMENT IN ACUTE STROKE: AN OPEN-LABEL, EVALUATOR-BLINDED STUDY. <i>Neurology</i> , 2008, 71, 1461-1461.	1.1	11
42	Granulocyte-colony stimulating factor improves outcome in a mouse model of amyotrophic lateral sclerosis. <i>Brain</i> , 2008, 131, 3335-3347.	7.6	120
43	Intravenous Brain-Derived Neurotrophic Factor Enhances Poststroke Sensorimotor Recovery and Stimulates Neurogenesis. <i>Stroke</i> , 2007, 38, 2165-2172.	2.0	389
44	New targets for established proteins: exploring G-CSF for the treatment of stroke. <i>Trends in Pharmacological Sciences</i> , 2007, 28, 157-161.	8.7	65
45	Glycogen Synthase Kinase 3 β (GSK3 β) Regulates Differentiation and Proliferation in Neural Stem Cells from the Rat Subventricular Zone. <i>Journal of Proteome Research</i> , 2007, 6, 1198-1208.	3.7	44
46	Regulation of Enterocyte Apoptosis by Acyl-CoA Synthetase 5 Splicing. <i>Gastroenterology</i> , 2007, 133, 587-598.	1.3	47
47	The functional genome of CA1 and CA3 neurons under native conditions and in response to ischemia. <i>BMC Genomics</i> , 2007, 8, 370.	2.8	41
48	The hematopoietic factor GM-CSF (Granulocyte-macrophage colony-stimulating factor) promotes neuronal differentiation of adult neural stem cells in vitro. <i>BMC Neuroscience</i> , 2007, 8, 88.	1.9	46
49	Toward a Multimodal Neuroprotective Treatment of Stroke. <i>Stroke</i> , 2006, 37, 1129-1136.	2.0	99
50	Long-term gene expression changes in the cortex following cortical ischemia revealed by transcriptional profiling. <i>Experimental Neurology</i> , 2006, 200, 135-152.	4.1	16
51	An extended window of opportunity for G-CSF treatment in cerebral ischemia. <i>BMC Biology</i> , 2006, 4, 36.	3.8	49
52	Granulocyte-colony stimulating factor is neuroprotective in a model of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2006, 97, 675-686.	3.9	109
53	Reduced oxidative damage in ALS by high-dose enteral melatonin treatment. <i>Journal of Pineal Research</i> , 2006, 41, 313-323.	7.4	253
54	Developing Granulocyte-Colony Stimulating Factor for the Treatment of Stroke: Current Status of Clinical Trials. <i>Stroke</i> , 2006, 37, 1654-1654.	2.0	39

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55	Granulocyte Colony-Stimulating Factor and Acute Myocardial Infarction. JAMA - Journal of the American Medical Association, 2006, 296, 1967.	7.4	2
56	Neuronal Activation of NF- κ B Contributes to Cell Death in Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 30-40.	4.3	200
57	Impaired expression of acyl-CoA synthetase 5 in sporadic colorectal adenocarcinomas. Journal of Pathology, 2005, 207, 295-300.	4.5	22
58	G-CSF (Granulocyte-Colony Stimulating Factor) in the Central Nervous System. Cell Cycle, 2005, 4, 1753-1757.	2.6	148
59	The hematopoietic factor G-CSF is a neuronal ligand that counteracts programmed cell death and drives neurogenesis. Journal of Clinical Investigation, 2005, 115, 2083-2098.	8.2	630
60	Expression profiling in the photothrombotic rat model: Identification of genes potentially involved in plasticity. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S522-S522.	4.3	0
61	Verge: A Novel Vascular Early Response Gene. Journal of Neuroscience, 2004, 24, 4092-4103.	3.6	64
62	Tumor Necrosis Factor-Like Weak Inducer of Apoptosis-Induced Neurodegeneration. Journal of Neuroscience, 2004, 24, 8237-8244.	3.6	130
63	Cloning of a novel neuronally expressed orphan G-protein-coupled receptor which is up-regulated by erythropoietin, interacts with microtubule-associated protein 1b and colocalizes with the 5-hydroxytryptamine 2a receptor. Journal of Neurochemistry, 2004, 91, 1007-1017.	3.9	12
64	Restriction-mediated Differential Display (RMDD) Identifies pip92 as a Pro-Apoptotic Gene Product Induced during Focal Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2004, 24, 224-236.	4.3	19
65	Identification of regulated genes during permanent focal cerebral ischaemia: characterization of the protein kinase 9b5/MARKL1/MARK4. Journal of Neurochemistry, 2004, 88, 1114-1126.	3.9	45
66	Identification of regulated genes during transient cortical ischemia in mice by restriction-mediated differential display (RMDD). Molecular Brain Research, 2004, 124, 20-28.	2.3	11
67	Neuronal co-expression of EGFP and β -galactosidase in mice causes neuropathology and premature death. Neurobiology of Disease, 2004, 17, 310-318.	4.4	37
68	TorsinA, the gene linked to early-onset dystonia, is upregulated by the dopaminergic toxin MPTP in mice. Neuroscience Letters, 2004, 355, 126-130.	2.1	28
69	Regulation of Body Temperature and Neuroprotection by Endogenous Interleukin-6 in Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 406-415.	4.3	128
70	TorsinA protects against oxidative stress in COS-1 and PC12 cells. Neuroscience Letters, 2003, 350, 153-156.	2.1	48
71	Impaired expression of Acyl-CoA-synthetase 5 in epithelial tumors of the small intestine. Human Pathology, 2003, 34, 1048-1052.	2.0	16
72	Regulation of Body Temperature and Neuroprotection by Endogenous Interleukin-6 in Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2003, , 406-415.	4.3	37

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73	Yellow pages to the transcriptome. <i>Pharmacogenomics</i> , 2002, 3, 791-807.	1.3	27
74	Cerebral transcriptome analysis of transgenic mice overexpressing erythropoietin. <i>Neuroscience Letters</i> , 2002, 327, 181-184.	2.1	15
75	Bradykinin Induces Interleukin-6 Expression in Astrocytes Through Activation of Nuclear Factor- κ B. <i>Journal of Neurochemistry</i> , 2002, 73, 1461-1466.	3.9	101
76	Expression of Calnexin Reflects Paneth Cell Differentiation and Function. <i>Laboratory Investigation</i> , 2002, 82, 1647-1659.	3.7	12
77	Inflammatory bowel disease is associated with changes of enterocytic junctions. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 281, G216-G228.	3.4	305
78	Tolerance-Inducing Dose of 3-Nitropropionic Acid Modulates bcl-2 and bax Balance in the Rat Brain: A Potential Mechanism of Chemical Preconditioning. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 1425-1436.	4.3	79
79	NF- κ B is activated and promotes cell death in focal cerebral ischemia. <i>Nature Medicine</i> , 1999, 5, 554-559.	30.7	615
80	Axonal Swellings and Degeneration in Mice Lacking the Major Proteolipid of Myelin. <i>Science</i> , 1998, 280, 1610-1613.	12.6	804
81	Assembly of CNS Myelin in the Absence of Proteolipid Protein. <i>Neuron</i> , 1997, 18, 59-70.	8.1	404
82	Stimulation of Interleukin-6 Secretion and Gene Transcription in Primary Astrocytes by Adenosine. <i>Journal of Neurochemistry</i> , 1997, 69, 1145-1150.	3.9	94
83	A Transgenic Rat Model of Charcot-Marie-Tooth Disease. <i>Neuron</i> , 1996, 16, 1049-1060.	8.1	346
84	Premature arrest of myelin formation in transgenic mice with increased proteolipid protein gene dosage. <i>Neuron</i> , 1994, 12, 583-595.	8.1	263
85	Uncoupling of hypomyelination and glial cell death by a mutation in the proteolipid protein gene. <i>Nature</i> , 1992, 358, 758-761.	27.8	214