

Morten Meyer

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,589
citations

331670

21
h-index

345221

36
g-index

66
all docs

66
docs citations

66
times ranked

2404
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensing of HSV-1 by the cGAS-STING pathway in microglia orchestrates antiviral defence in the CNS. <i>Nature Communications</i> , 2016, 7, 13348.	12.8	245
2	Neural transdifferentiation of mesenchymal stem cells - a critical review. <i>Apmis</i> , 2005, 113, 831-844.	2.0	185
3	Creation of a library of induced pluripotent stem cells from Parkinsonian patients. <i>Npj Parkinson's Disease</i> , 2016, 2, 16009.	5.3	74
4	Neurons in the monoaminergic nuclei of the rat and human central nervous system express FA1/dlk. <i>NeuroReport</i> , 2001, 12, 3959-3963.	1.2	55
5	Multiple system atrophy-associated oligodendroglial protein p25 ^Δ stimulates formation of novel α -synuclein strain with enhanced neurodegenerative potential. <i>Acta Neuropathologica</i> , 2021, 142, 87-115.	7.7	55
6	PARK2 Mutation Causes Metabolic Disturbances and Impaired Survival of Human iPSC-Derived Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 297.	3.7	47
7	Delta-like 1 participates in the specification of ventral midbrain progenitor derived dopaminergic neurons. <i>Journal of Neurochemistry</i> , 2008, 104, 1101-1115.	3.9	45
8	Generation and properties of a new human ventral mesencephalic neural stem cell line. <i>Experimental Cell Research</i> , 2009, 315, 1860-1874.	2.6	45
9	RhoA Signaling in Neurodegenerative Diseases. <i>Cells</i> , 2022, 11, 1520.	4.1	38
10	Conditional ablation of myeloid TNF increases lesion volume after experimental stroke in mice, possibly via altered ERK1/2 signaling. <i>Scientific Reports</i> , 2016, 6, 29291.	3.3	37
11	Improved Survival of Embryonic Porcine Dopaminergic Neurons in Coculture with a Conditionally Immortalized GDNF-Producing Hippocampal Cell Line. <i>Experimental Neurology</i> , 2000, 164, 82-93.	4.1	33
12	Enhanced dopaminergic differentiation of human neural stem cells by synergistic effect of Bcl-2 and reduced oxygen tension. <i>Journal of Neurochemistry</i> , 2009, 110, 1908-1920.	3.9	33
13	Perturbations in RhoA signalling cause altered migration and impaired neuritogenesis in human iPSC-derived neural cells with PARK2 mutation. <i>Neurobiology of Disease</i> , 2019, 132, 104581.	4.4	32
14	Comparison of mesencephalic free-floating tissue culture grafts and cell suspension grafts in the 6-hydroxydopamine-lesioned rat. <i>Experimental Brain Research</i> , 1998, 119, 345-355.	1.5	31
15	Lysosomal perturbations in human dopaminergic neurons derived from induced pluripotent stem cells with PARK2 mutation. <i>Scientific Reports</i> , 2020, 10, 10278.	3.3	31
16	Interaction between Parkin and α -Synuclein in PARK2-Mediated Parkinson's Disease. <i>Cells</i> , 2021, 10, 283.	4.1	31
17	Effects of GDNF pretreatment on function and survival of transplanted fetal ventral mesencephalic cells in the 6-OHDA rat model of Parkinson's disease. <i>Brain Research</i> , 2009, 1276, 39-49.	2.2	30
18	Role of RhoA-ROCK signaling in Parkinson's disease. <i>European Journal of Pharmacology</i> , 2021, 894, 173815.	3.5	30

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19	TNF deficiency causes alterations in the spatial organization of neurogenic zones and alters the number of microglia and neurons in the cerebral cortex. <i>Brain, Behavior, and Immunity</i> , 2019, 82, 279-297.	4.1	26
20	Functional effect of FGF2- and FGF8-expanded ventral mesencephalic precursor cells in a rat model of Parkinson's disease. <i>Brain Research</i> , 2008, 1218, 13-20.	2.2	25
21	Convection-enhanced delivery of an anti-miR is well-tolerated, preserves anti-miR stability and causes efficient target de-repression: a proof of concept. <i>Journal of Neuro-Oncology</i> , 2016, 126, 47-55.	2.9	25
22	Topical Administration of a Soluble TNF Inhibitor Reduces Infarct Volume After Focal Cerebral Ischemia in Mice. <i>Frontiers in Neuroscience</i> , 2019, 13, 781.	2.8	25
23	Neurodegeneration Induced by Anti-IgLON5 Antibodies Studied in Induced Pluripotent Stem Cell-Derived Human Neurons. <i>Cells</i> , 2021, 10, 837.	4.1	25
24	Identification of bioactive metabolites in human iPSC-derived dopaminergic neurons with PARK2 mutation: Altered mitochondrial and energy metabolism. <i>Stem Cell Reports</i> , 2021, 16, 1510-1526.	4.8	25
25	Microglia-Secreted Factors Enhance Dopaminergic Differentiation of Tissue- and iPSC-Derived Human Neural Stem Cells. <i>Stem Cell Reports</i> , 2021, 16, 281-294.	4.8	23
26	Establishment and Characterization of a Tumor Stem Cell-Based Glioblastoma Invasion Model. <i>PLoS ONE</i> , 2016, 11, e0159746.	2.5	23
27	Autoimmune Encephalitis: Current Knowledge on Subtypes, Disease Mechanisms and Treatment. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 584-598.	1.4	23
28	Astrocytic reactivity triggered by defective autophagy and metabolic failure causes neurotoxicity in frontotemporal dementia type 3. <i>Stem Cell Reports</i> , 2021, 16, 2736-2751.	4.8	23
29	Intermittent, low dose carbon monoxide exposure enhances survival and dopaminergic differentiation of human neural stem cells. <i>PLoS ONE</i> , 2018, 13, e0191207.	2.5	20
30	Expansion and characterization of ventral mesencephalic precursor cells: Effect of mitogens and investigation of FA1 as a potential dopaminergic marker. <i>Journal of Neuroscience Research</i> , 2007, 85, 1884-1893.	2.9	18
31	Levodopa Therapy for Parkinson's Disease: History, Current Status and Perspectives. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 572-583.	1.4	18
32	Polo-like kinase 2 inhibition reduces serine-129 phosphorylation of physiological nuclear alpha-synuclein but not of the aggregated alpha-synuclein. <i>PLoS ONE</i> , 2021, 16, e0252635.	2.5	18
33	Influence of Oxygen Tension on Dopaminergic Differentiation of Human Fetal Stem Cells of Midbrain and Forebrain Origin. <i>PLoS ONE</i> , 2014, 9, e96465.	2.5	17
34	Neural tissue-spheres: A microexplant culture method for propagation of precursor cells from the rat forebrain subventricular zone. <i>Journal of Neuroscience Methods</i> , 2007, 165, 55-63.	2.5	16
35	Group I Metabotropic Glutamate Receptors: A Potential Target for Regulation of Proliferation and Differentiation of an Immortalized Human Neural Stem Cell Line. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 116, 329-336.	2.5	14
36	Dopaminergic differentiation of human neural stem cells mediated by co-cultured rat striatal brain slices. <i>Journal of Neurochemistry</i> , 2008, 105, 460-470.	3.9	13

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37	Specific genes associated with adverse events of methylphenidate use in the pediatric population: A systematic literature review. <i>Journal of Research in Pharmacy Practice</i> , 2017, 6, 65.	0.7	13
38	A brain slice culture model for studies of endogenous and exogenous precursor cell migration in the rostral migratory stream. <i>Brain Research</i> , 2009, 1295, 1-12.	2.2	12
39	Type I interferon-activated microglia are critical for neuromyelitis optica pathology. <i>Glia</i> , 2021, 69, 943-953.	4.9	11
40	Simultaneous Transplantation of Fetal Ventral Mesencephalic Tissue and Encapsulated Genetically Modified Cells Releasing GDNF in a Hemi-Parkinsonian Rat Model of Parkinson's Disease. <i>Cell Transplantation</i> , 2017, 26, 1572-1581.	2.5	10
41	Enhanced proliferation and dopaminergic differentiation of ventral mesencephalic precursor cells by synergistic effect of FGF2 and reduced oxygen tension. <i>Experimental Cell Research</i> , 2011, 317, 1649-1662.	2.6	9
42	Generation of human induced pluripotent stem cells (SDUKli002-A) from a 22-year-old male diagnosed with autism spectrum disorder. <i>Stem Cell Research</i> , 2020, 46, 101834.	0.7	8
43	Leukemia inhibitory factor favours neurogenic differentiation of long-term propagated human midbrain precursor cells. <i>Neuroscience Letters</i> , 2009, 464, 203-208.	2.1	7
44	Expression of Trefoil Factor 1 in the Developing and Adult Rat Ventral Mesencephalon. <i>PLoS ONE</i> , 2013, 8, e76592.	2.5	7
45	Shift of microRNA profile upon orthotopic xenografting of glioblastoma spheroid cultures. <i>Journal of Neuro-Oncology</i> , 2016, 128, 395-404.	2.9	6
46	Neural Xenotransplantation: Pretreatment of Porcine Embryonic Nigral Tissue with Anti-Gal Antibodies and Complement is not Toxic for the Dopaminergic Neurons. <i>Cell Transplantation</i> , 2001, 10, 25-30.	2.5	5
47	Effect of leukemia inhibitory factor on long-term propagation of precursor cells derived from rat forebrain subventricular zone and ventral mesencephalon. <i>Experimental Neurology</i> , 2008, 211, 301-310.	4.1	5
48	Derivation of induced pluripotent stem cells (SDUKli003-A) from a 20-year-old male patient diagnosed with Asperger syndrome. <i>Stem Cell Research</i> , 2020, 48, 101974.	0.7	5
49	Long-term treatment with transcranial pulsed electromagnetic fields improves movement speed and elevates cerebrospinal erythropoietin in Parkinson's disease. <i>PLoS ONE</i> , 2021, 16, e0248800.	2.5	5
50	Characterization of Fetal Antigen 1/Delta-Like 1 Homologue Expressing Cells in the Rat Nigrostriatal System: Effects of a Unilateral 6-Hydroxydopamine Lesion. <i>PLoS ONE</i> , 2015, 10, e0116088.	2.5	4
51	A Combination of NT-4/5 and GDNF Is Favorable for Cultured Human Nigral Neural Progenitor Cells. <i>Cell Transplantation</i> , 2018, 27, 648-653.	2.5	4
52	Establishment of an induced pluripotent stem (iPS) cell line (SDUKli006-A) from a 21-year old male patient diagnosed with atypical autism disorder. <i>Stem Cell Research</i> , 2021, 51, 102185.	0.7	4
53	Characterization of Porcine Ventral Mesencephalic Precursor Cells following Long-Term Propagation in 3D Culture. <i>Stem Cells International</i> , 2012, 2012, 1-13.	2.5	3
54	Generation of autism spectrum disorder patient-derived iPSC line SDUKli004-A. <i>Stem Cell Research</i> , 2020, 49, 102038.	0.7	3

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55	Comparative Analysis of Spontaneous and Stimulus-Evoked Calcium Transients in Proliferating and Differentiating Human Midbrain-Derived Stem Cells. <i>Stem Cells International</i> , 2017, 2017, 1-14.	2.5	2
56	Activation of Group II Metabotropic Glutamate Receptors Increases Proliferation but does not Influence Neuronal Differentiation of a Human Neural Stem Cell Line. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 122, 367-372.	2.5	2
57	Nonhypoxic pharmacological stabilization of Hypoxia Inducible Factor 1 α : Effects on dopaminergic differentiation of human neural stem cells. <i>European Journal of Neuroscience</i> , 2019, 49, 497-509.	2.6	2
58	Cell Therapy for Parkinson's Disease: Status and Perspectives. , 2011, , .		1
59	Long-Term Propagation of Neural Stem Cells: Focus on Three-Dimensional Culture Systems and Mitogenic Factors. <i>Pancreatic Islet Biology</i> , 2011, , 515-538.	0.3	0
60	Simultaneous transplantation of fetal ventral mesencephalic tissue and encapsulated genetically modified cells releasing GDNF in a hemi-parkinsonian rat model of Parkinson's disease. <i>Cell Transplantation</i> , 2017, , .	2.5	0