

Daniel Offen

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.

70
papers

5,899
citations

44
h-index

70
g-index

70
ext. papers

6,629
ext. citations

5.7
avg, IF

5.65
L-index

#	Paper	IF	Citations
70	Intranasal delivery of mesenchymal stem cells-derived extracellular vesicles for the treatment of neurological diseases. <i>Stem Cells</i> , 2021 , 39, 1589-1600	5.8	8
69	Behavioral aspects and neurobiological properties underlying medical cannabis treatment in Shank3 mouse model of autism spectrum disorder. <i>Translational Psychiatry</i> , 2021 , 11, 524	8.6	1
68	Extracellular Vesicles Tracking and Quantification Using CT and Optical Imaging in Rats. <i>Bio-protocol</i> , 2020 , 10, e3635	0.9	2
67	Mesenchymal stem cells derived extracellular vesicles improve behavioral and biochemical deficits in a phencyclidine model of schizophrenia. <i>Translational Psychiatry</i> , 2020 , 10, 305	8.6	9
66	Promising Opportunities for Treating Neurodegenerative Diseases with Mesenchymal Stem Cell-Derived Exosomes. <i>Biomolecules</i> , 2020 , 10,	5.9	17
65	Intranasal Delivery of Mesenchymal Stem Cell Derived Exosomes Loaded with Phosphatase and Tensin Homolog siRNA Repairs Complete Spinal Cord Injury. <i>ACS Nano</i> , 2019 , 13, 10015-10028	16.7	119
64	Golden Exosomes Selectively Target Brain Pathologies in Neurodegenerative and Neurodevelopmental Disorders. <i>Nano Letters</i> , 2019 , 19, 3422-3431	11.5	119
63	Labeling and tracking exosomes within the brain using gold nanoparticles 2018 ,		4
62	Intranasal administration of exosomes derived from mesenchymal stem cells ameliorates autistic-like behaviors of BTBR mice. <i>Molecular Autism</i> , 2018 , 9, 57	6.5	66
61	Reply to "Comment on Rn Vivo Neuroimaging of Exosomes Using Gold Nanoparticles". <i>ACS Nano</i> , 2018 , 12, 11719-11720	16.7	1
60	Long term beneficial effect of neurotrophic factors-secreting mesenchymal stem cells transplantation in the BTBR mouse model of autism. <i>Behavioural Brain Research</i> , 2017 , 331, 254-260	3.4	28
59	Concise Review: Mesenchymal Stem Cells in Neurodegenerative Diseases. <i>Stem Cells</i> , 2017 , 35, 1867-1880	3.0	127
58	In Vivo Neuroimaging of Exosomes Using Gold Nanoparticles. <i>ACS Nano</i> , 2017 , 11, 10883-10893	16.7	168
57	Toll-Like Receptor-4 Inhibitor TAK-242 Attenuates Motor Dysfunction and Spinal Cord Pathology in an Amyotrophic Lateral Sclerosis Mouse Model. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	29
56	Safety and Clinical Effects of Mesenchymal Stem Cells Secreting Neurotrophic Factor Transplantation in Patients With Amyotrophic Lateral Sclerosis: Results of Phase 1/2 and 2a Clinical Trials. <i>JAMA Neurology</i> , 2016 , 73, 337-44	17.2	181
55	Neuroprotective Effect of a DJ-1 Based Peptide in a Toxin Induced Mouse Model of Multiple System Atrophy. <i>PLoS ONE</i> , 2016 , 11, e0148170	3.7	12
54	Mesenchymal Stem Cell Transplantation Promotes Neurogenesis and Ameliorates Autism Related Behaviors in BTBR Mice. <i>Autism Research</i> , 2016 , 9, 17-32	5.1	51

53	DJ-1 knockout augments disease severity and shortens survival in a mouse model of ALS. <i>PLoS ONE</i> , 2015 , 10, e0117190	3-7	18
52	A DJ-1 Based Peptide Attenuates Dopaminergic Degeneration in Mice Models of Parkinson's Disease via Enhancing Nrf2. <i>PLoS ONE</i> , 2015 , 10, e0127549	3-7	32
51	Rare combination of myasthenia and motor neuropathy, responsive to Msc-Ntf stem cell therapy. <i>Muscle and Nerve</i> , 2014 , 49, 455-7	3-4	9
50	Safety of repeated transplantations of neurotrophic factors-secreting human mesenchymal stromal stem cells. <i>Clinical and Translational Medicine</i> , 2014 , 3, 21	5-7	30
49	Knocking out DJ-1 attenuates astrocytes neuroprotection against 6-hydroxydopamine toxicity. <i>Journal of Molecular Neuroscience</i> , 2013 , 50, 542-50	3-3	49
48	DJ-1 protects against dopamine toxicity: implications for Parkinson's disease and aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013 , 68, 215-25	6-4	36
47	Transplantation of placenta-derived mesenchymal stem cells in the EAE mouse model of MS. <i>Journal of Molecular Neuroscience</i> , 2012 , 48, 176-84	3-3	64
46	Mesenchymal stem cells stimulate endogenous neurogenesis in the subventricular zone of adult mice. <i>Stem Cell Reviews and Reports</i> , 2011 , 7, 404-12	6-4	66
45	Differentiated mesenchymal stem cells for sciatic nerve injury. <i>Stem Cell Reviews and Reports</i> , 2011 , 7, 664-71	6-4	46
44	The "dying-back" phenomenon of motor neurons in ALS. <i>Journal of Molecular Neuroscience</i> , 2011 , 43, 470-7	3-3	234
43	Intravitreal injections of neurotrophic factors secreting mesenchymal stem cells are neuroprotective in rat eyes following optic nerve transection 2010 , 51, 6394-400		104
42	Intracerebroventricular transplantation of human mesenchymal stem cells induced to secrete neurotrophic factors attenuates clinical symptoms in a mouse model of multiple sclerosis. <i>Journal of Molecular Neuroscience</i> , 2010 , 41, 129-37	3-3	54
41	Lentiviral delivery of LMX1a enhances dopaminergic phenotype in differentiated human bone marrow mesenchymal stem cells. <i>Stem Cells and Development</i> , 2009 , 18, 591-601	4-4	52
40	DJ-1 protects against dopamine toxicity. <i>Journal of Neural Transmission</i> , 2009 , 116, 151-60	4-3	76
39	Spinal cord mRNA profile in patients with ALS: comparison with transgenic mice expressing the human SOD-1 mutant. <i>Journal of Molecular Neuroscience</i> , 2009 , 38, 85-93	3-3	63
38	DJ-1 changes in G93A-SOD1 transgenic mice: implications for oxidative stress in ALS. <i>Journal of Molecular Neuroscience</i> , 2009 , 38, 94-102	3-3	37
37	Bone-marrow-derived mesenchymal stem cell therapy for neurodegenerative diseases. <i>Expert Opinion on Biological Therapy</i> , 2009 , 9, 1487-97	5-4	88
36	Protective effects of neurotrophic factor-secreting cells in a 6-OHDA rat model of Parkinson disease. <i>Stem Cells and Development</i> , 2009 , 18, 1179-90	4-4	118

35	Induction of human mesenchymal stem cells into dopamine-producing cells with different differentiation protocols. <i>Stem Cells and Development</i> , 2008 , 17, 547-54	4.4	77
34	Oxidative insults induce DJ-1 upregulation and redistribution: implications for neuroprotection. <i>NeuroToxicology</i> , 2008 , 29, 397-405	4.4	108
33	The Role of Oxidative Stress in the Pathogenesis of Multiple Sclerosis: Current State 2007 , 283-295		1
32	Anti-inflammatory drugs in the treatment of neurodegenerative diseases: current state. <i>Current Pharmaceutical Design</i> , 2006 , 12, 3509-19	3.3	37
31	Experimental encephalomyelitis induces changes in DJ-1: implications for oxidative stress in multiple sclerosis. <i>Antioxidants and Redox Signaling</i> , 2006 , 8, 1987-95	8.4	23
30	Human mesenchymal stem cells express neural genes, suggesting a neural predisposition. <i>Stem Cells and Development</i> , 2006 , 15, 141-64	4.4	144
29	A novel brain-targeted antioxidant (AD4) attenuates haloperidol-induced abnormal movement in rats: implications for tardive dyskinesia. <i>Clinical Neuropharmacology</i> , 2005 , 28, 285-8	1.4	16
28	Analysis of gene expression in MOG-induced experimental autoimmune encephalomyelitis after treatment with a novel brain-penetrating antioxidant. <i>Journal of Molecular Neuroscience</i> , 2005 , 27, 125-35	3.3	20
27	A novel thiol antioxidant that crosses the blood brain barrier protects dopaminergic neurons in experimental models of Parkinson's disease. <i>European Journal of Neuroscience</i> , 2005 , 21, 637-46	3.5	52
26	A low molecular weight copper chelator crosses the blood-brain barrier and attenuates experimental autoimmune encephalomyelitis. <i>Journal of Neurochemistry</i> , 2004 , 89, 1241-51	6	102
25	Oxidative stress, induced by 6-hydroxydopamine, reduces proteasome activities in PC12 cells: implications for the pathogenesis of Parkinson's disease. <i>Journal of Molecular Neuroscience</i> , 2004 , 24, 387-400	3.3	46
24	The role of oxidative stress in the pathogenesis of multiple sclerosis: the need for effective antioxidant therapy. <i>Journal of Neurology</i> , 2004 , 251, 261-8	5.5	464
23	Antioxidant treatment in Alzheimer's disease: current state. <i>Journal of Molecular Neuroscience</i> , 2003 , 21, 1-11	3.3	89
22	Induction of neuron-specific enolase promoter and neuronal markers in differentiated mouse bone marrow stromal cells. <i>Journal of Molecular Neuroscience</i> , 2003 , 21, 121-32	3.3	44
21	The CB1 cannabinoid receptor agonist, HU-210, reduces levodopa-induced rotations in 6-hydroxydopamine-lesioned rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2003 , 93, 66-70		25
20	Apoptosis and Parkinson's disease. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2003 , 27, 245-50	5.5	112
19	Mutant and wild-type alpha-synuclein interact with mitochondrial cytochrome C oxidase. <i>Journal of Molecular Neuroscience</i> , 2002 , 18, 229-38	3.3	84
18	Antioxidant therapy in acute central nervous system injury: current state. <i>Pharmacological Reviews</i> , 2002 , 54, 271-84	22.5	398

17	Activation of nuclear transcription factor kappa B (NF-kappaB) is essential for dopamine-induced apoptosis in PC12 cells. <i>Journal of Neurochemistry</i> , 2001 , 77, 391-8	6	82
16	Glutaredoxin protects cerebellar granule neurons from dopamine-induced apoptosis by dual activation of the ras-phosphoinositide 3-kinase and jun n-terminal kinase pathways. <i>Journal of Biological Chemistry</i> , 2001 , 276, 21618-26	5.4	65
15	Glutaredoxin protects cerebellar granule neurons from dopamine-induced apoptosis by activating NF-kappa B via Ref-1. <i>Journal of Biological Chemistry</i> , 2001 , 276, 1335-44	5.4	91
14	Molecular biology of dopamine-induced apoptosis : possible implications for Parkinson's disease. <i>Methods in Molecular Medicine</i> , 2001 , 62, 73-87		2
13	Protective effect of insulin-like-growth-factor-1 against dopamine-induced neurotoxicity in human and rodent neuronal cultures: possible implications for Parkinson's disease. <i>Neuroscience Letters</i> , 2001 , 316, 129-32	3.3	100
12	Oxidative stress induced-neurodegenerative diseases: the need for antioxidants that penetrate the blood brain barrier. <i>Neuropharmacology</i> , 2001 , 40, 959-75	5.5	595
11	Mice overexpressing Bcl-2 in their neurons are resistant to myelin oligodendrocyte glycoprotein (MOG)-induced experimental autoimmune encephalomyelitis (EAE). <i>Journal of Molecular Neuroscience</i> , 2000 , 15, 167-76	3.3	23
10	Vasoactive intestinal peptide (VIP) prevents neurotoxicity in neuronal cultures: relevance to neuroprotection in Parkinson's disease. <i>Brain Research</i> , 2000 , 854, 257-62	3.7	134
9	The involvement of p53 in dopamine-induced apoptosis of cerebellar granule neurons and leukemic cells overexpressing p53. <i>Cellular and Molecular Neurobiology</i> , 1999 , 19, 261-76	4.6	43
8	Dopamine-melanin is actively phagocytized by PC12 cells and cerebellar granular cells: possible implications for the etiology of Parkinson's disease. <i>Neuroscience Letters</i> , 1999 , 260, 101-4	3.3	29
7	Enhanced oxidative stress and altered antioxidants in brains of Bcl-2-deficient mice. <i>Journal of Neurochemistry</i> , 1998 , 71, 741-8	6	103
6	Levodopa toxicity and apoptosis. <i>Annals of Neurology</i> , 1998 , 44, S149-54	9.4	46
5	Monoamine-induced apoptotic neuronal cell death. <i>Cellular and Molecular Neurobiology</i> , 1997 , 17, 101-18.	4.6	53
4	Levodopa induces apoptosis in cultured neuronal cells--a possible accelerator of nigrostriatal degeneration in Parkinson's disease?. <i>Movement Disorders</i> , 1997 , 12, 17-23	7	85
3	Prevention of dopamine-induced cell death by thiol antioxidants: possible implications for treatment of Parkinson's disease. <i>Experimental Neurology</i> , 1996 , 141, 32-9	5.7	189
2	Dopamine-induced programmed cell death in mouse thymocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1995 , 1268, 171-7	4.9	91
1	Dopamine induces apoptosis-like cell death in cultured chick sympathetic neurons--a possible novel pathogenetic mechanism in Parkinson's disease. <i>Neuroscience Letters</i> , 1994 , 170, 136-40	3.3	208