Takao Yasuhara

List of Publications by Year
in descending order

96	3,958	117625	123424
papers	citations	34 h-index	61 g-index

98	98	98	4824
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transplantation of Human Neural Stem Cells Exerts Neuroprotection in a Rat Model of Parkinson's Disease. Journal of Neuroscience, 2006, 26, 12497-12511.	3.6	266
2	Exercise exerts neuroprotective effects on Parkinson's disease model of rats. Brain Research, 2010, 1310, 200-207.	2.2	248
3	Neuroprotective effects of vascular endothelial growth factor (VEGF) upon dopaminergic neurons in a rat model of Parkinson's disease. European Journal of Neuroscience, 2004, 19, 1494-1504.	2.6	211
4	Intravenous administration of mesenchymal stem cells exerts therapeutic effects on parkinsonian model of rats: Focusing on neuroprotective effects of stromal cell-derived factor-1Î±. BMC Neuroscience, 2010, 11, 52.	1.9	140
5	Therapeutic targets and limits of minocycline neuroprotection in experimental ischemic stroke. BMC Neuroscience, 2009, 10, 126.	1.9	128
6	Neurorescue effects of VEGF on a rat model of Parkinson's disease. Brain Research, 2005, 1053, 10-18.	2.2	115
7	Intravenous Grafts Recapitulate the Neurorestoration Afforded by Intracerebrally Delivered Multipotent Adult Progenitor Cells in Neonatal Hypoxic-Ischemic Rats. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 1804-1810.	4.3	115
8	Electrical Stimulation of the Cerebral Cortex Exerts Antiapoptotic, Angiogenic, and Anti-Inflammatory Effects in Ischemic Stroke Rats Through Phosphoinositide 3-Kinase/Akt Signaling Pathway. Stroke, 2009, 40, e598-605.	2.0	112
9	Anti-high mobility group box 1 antibody exerts neuroprotection in a rat model of Parkinson's disease. Experimental Neurology, 2016, 275, 220-231.	4.1	109
10	Notch-Induced Rat and Human Bone Marrow Stromal Cell Grafts Reduce Ischemic Cell Loss and Ameliorate Behavioral Deficits in Chronic Stroke Animals. Stem Cells and Development, 2009, 18, 1501-1514.	2.1	104
11	Neuroprotective Effects of Liraglutide for Stroke Model of Rats. International Journal of Molecular Sciences, 2013, 14, 21513-21524.	4.1	104
12	Transplantation of Bone Marrow-Derived Stem Cells: A Promising Therapy for Stroke. Cell Transplantation, 2007, 16, 159-169.	2.5	96
13	Embryonic neural stem cells transplanted in middle cerebral artery occlusion model of rats demonstrated potent therapeutic effects, compared to adult neural stem cells. Brain Research, 2008, 1234, 172-182.	2.2	94
14	Neural progenitor NT2N cell lines from teratocarcinoma for transplantation therapy in stroke. Progress in Neurobiology, 2008, 85, 318-334.	5.7	92
15	Behavioral and Histological Characterization of Intrahippocampal Grafts of Human Bone Marrow-Derived Multipotent Progenitor Cells in Neonatal Rats with Hypoxic-Ischemic Injury. Cell Transplantation, 2006, 15, 231-238.	2.5	87
16	Intra-Arterial Transplantation of Allogeneic Mesenchymal Stem Cells Mounts Neuroprotective Effects in a Transient Ischemic Stroke Model in Rats: Analyses of Therapeutic Time Window and Its Mechanisms. PLoS ONE, 2015, 10, e0127302.	2.5	86
17	Animal Models for Parkinsonâ€™s Disease Research: Trends in the 2000s. International Journal of Molecular Sciences, 2019, 20, 5402.	4.1	86
18	Lack of exercise, via hindlimb suspension, impedes endogenous neurogenesis. Neuroscience, 2007, 149, 182-191.	2.3	80

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19	The Potential Role of Vascular Endothelial Growth Factor in the Central Nervous System. Reviews in the Neurosciences, 2004, 15, 293-307.	2.9	75
20	Intravenous Grafts Of Amniotic Fluid-Derived Stem Cells Induce Endogenous Cell Proliferation and Attenuate Behavioral Deficits in Ischemic Stroke Rats. PLoS ONE, 2012, 7, e43779.	2.5	75
21	The differences between high and low-dose administration of VEGF to dopaminergic neurons of in vitro and in vivo Parkinson's disease model. Brain Research, 2005, 1038, 1-10.	2.2	74
22	Neuroprotective effects of edaravone-administration on 6-OHDA-treated dopaminergic neurons. BMC Neuroscience, 2008, 9, 75.	1.9	71
23	Cell Therapy for Parkinsonâ€™s Disease. Cell Transplantation, 2017, 26, 1551-1559.	2.5	70
24	Early transplantation of an encapsulated glial cell lineâ€”derived neurotrophic factorâ€”producing cell demonstrating strong neuroprotective effects in a rat model of Parkinson disease. Journal of Neurosurgery, 2005, 102, 80-89.	1.6	68
25	Encapsulated vascular endothelial growth factorâ€”secreting cell grafts have neuroprotective and angiogenic effects on focal cerebral ischemia. Journal of Neurosurgery, 2005, 103, 104-114.	1.6	60
26	Continuous intraventricular infusion of erythropoietin exerts neuroprotective/rescue effects upon Parkinson's disease model of rats with enhanced neurogenesis. Brain Research, 2009, 1254, 120-127.	2.2	47
27	Cell therapy for central nervous system disorders: Current obstacles to progress. CNS Neuroscience and Therapeutics, 2020, 26, 595-602.	3.9	47
28	Dietary Supplementation Exerts Neuroprotective Effects in Ischemic Stroke Model. Rejuvenation Research, 2008, 11, 201-214.	1.8	43
29	Intracerebral Transplantation of Genetically Engineered Cells for Parkinson's Disease: Toward Clinical Application. Cell Transplantation, 2007, 16, 125-132.	2.5	42
30	Ex vivo gene therapy: transplantation of neurotrophic factor-secreting cells for cerebral ischemia. Frontiers in Bioscience - Landmark, 2006, 11, 760.	3.0	41
31	Striatal Stimulation Nurtures Endogenous Neurogenesis and Angiogenesis in Chronic-Phase Ischemic Stroke Rats. Cell Transplantation, 2011, 20, 1049-1064.	2.5	41
32	Cell Therapy for Chronic TBI. Neurology, 2021, 96, .	1.1	41
33	The combined therapy of intrahippocampal transplantation of adult neural stem cells and intraventricular erythropoietin-infusion ameliorates spontaneous recurrent seizures by suppression of abnormal mossy fiber sprouting. Brain Research, 2009, 1295, 203-217.	2.2	37
34	Transplantation of post-mitotic human neuroteratocarcinoma-overexpressing Nurr1 cells provides therapeutic benefits in experimental stroke: In vitro evidence of expedited neuronal differentiation and GDNF secretion. Journal of Neuroscience Research, 2007, 85, 1240-1251.	2.9	36
35	Comparison of the therapeutic potential of adult and embryonic neural precursor cells in a rat model of Parkinson disease. Journal of Neurosurgery, 2008, 108, 149-159.	1.6	35
36	Spinal Cord Stimulation Exerts Neuroprotective Effects against Experimental Parkinsonâ€™s Disease. PLoS ONE, 2014, 9, e101468.	2.5	32

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37	Increased 8-OHdG levels in the urine, serum, and substantia nigra of hemiparkinsonian rats. Brain Research, 2007, 1133, 49-52.	2.2	31
38	Electrical Stimulation Enhances Migratory Ability of Transplanted Bone Marrow Stromal Cells in a Rodent Ischemic Stroke Model. Cellular Physiology and Biochemistry, 2018, 46, 57-68.	1.6	31
39	Transplantation of Cryopreserved Human Bone Marrowderived Multipotent Adult Progenitor Cells for Neonatal Hypoxie- Ischemic Injury: Targeting the Hippocampus. Reviews in the Neurosciences, 2006, 17, 215-25.	2.9	30
40	Glioblastoma With Metastasis to the Spleen -Case Report-. Neurologia Medico-Chirurgica, 2003, 43, 452-456.	2.2	29
41	The neuroprotective and neurorescue effects of carbamylated erythropoietin Fc fusion protein (CEPO-Fc) in a rat model of Parkinsonâ€™s disease. Brain Research, 2013, 1502, 55-70.	2.2	28
42	BDNF-secreting capsule exerts neuroprotective effects on epilepsy model of rats. Brain Research, 2011, 1368, 281-289.	2.2	27
43	Mannitol enhances therapeutic effects of intra-arterial transplantation of mesenchymal stem cells into the brain after traumatic brain injury. Neuroscience Letters, 2013, 554, 156-161.	2.1	27
44	Urinary 8â€ŒHdG elevations in a partial lesion rat model of parkinson's disease correlate with behavioral symptoms and nigrostriatal dopaminergic depletion. Journal of Cellular Physiology, 2011, 226, 1390-1398.	4.1	26
45	Therapeutic outcomes of transplantation of amniotic fluid-derived stem cells in experimental ischemic stroke. Frontiers in Cellular Neuroscience, 2014, 8, 227.	3.7	24
46	Cell encapsulation enhances antidepressant effect of the mesenchymal stem cells and counteracts depressive-like behavior of treatment-resistant depressed rats. Molecular Psychiatry, 2020, 25, 1202-1214.	7.9	24
47	Mesenchymal Stem Cell Therapy for Ischemic Stroke. Acta Medica Okayama, 2017, 71, 263-268.	0.2	24
48	Implantation of encapsulated glial cell line-derived neurotrophic factor-secreting cells prevents long-lasting learning impairment following neonatal hypoxic-ischemic brain insult in rats. American Journal of Obstetrics and Gynecology, 2005, 192, 1028-1037.	1.3	22
49	Erythropoietin exerts anti-epileptic effects with the suppression of aberrant new cell formation in the dentate gyrus and upregulation of neuropeptide Y in seizure model of rats. Brain Research, 2009, 1296, 127-136.	2.2	22
50	Hippocampal CA1 cell loss in a non-human primate model of transient global ischemia: A pilot study. Brain Research Bulletin, 2007, 74, 164-171.	3.0	20
51	Intracerebral transplantation of genetically engineered cells for Parkinson's disease: toward clinical application. Cell Transplantation, 2007, 16, 125-32.	2.5	20
52	Grafting of glial cell lineâ€“derived neurotrophic factor secreting cells for hypoxic-ischemic encephalopathy in neonatal rats. American Journal of Obstetrics and Gynecology, 2005, 192, 1137-1145.	1.3	19
53	Control of dopamine-secretion by Tet-Off system in an in vivo model of parkinsonian rat. Brain Research, 2006, 1102, 1-11.	2.2	18
54	No Pain, No Gain: Lack of Exercise Obstructs Neurogenesis. Cell Transplantation, 2015, 24, 591-597.	2.5	18

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55	Hippocampal neurogenesis of Wistar Kyoto rats is congenitally impaired and correlated with stress resistance. Behavioural Brain Research, 2017, 329, 148-156.	2.2	17
56	Vagus Nerve Stimulation with Mild Stimulation Intensity Exerts Anti-Inflammatory and Neuroprotective Effects in Parkinsonâ€™s Disease Model Rats. Biomedicines, 2021, 9, 789.	3.2	17
57	Glial cell line-derived neurotrophic factor (GDNF) therapy for Parkinson's disease. Acta Medica Okayama, 2007, 61, 51-6.	0.2	17
58	Pseudoxanthoma elasticum with carotid rete mirabile. Clinical Neurology and Neurosurgery, 2004, 106, 114-117.	1.4	16
59	Intrapallidal metabotropic glutamate receptor activation in a rat model of Parkinson's disease: Behavioral and histological analyses. Brain Research, 2008, 1203, 189-196.	2.2	16
60	Long-Term Continuous Cervical Spinal Cord Stimulation Exerts Neuroprotective Effects in Experimental Parkinsonâ€™s Disease. Frontiers in Aging Neuroscience, 2020, 12, 164.	3.4	16
61	Wegener granulomatosis manifesting as meningitis. Journal of Neurosurgery, 2002, 97, 1229-1232.	1.6	15
62	Posterior reversible encephalopathy syndrome. Journal of Clinical Neuroscience, 2011, 18, 406-409.	1.5	15
63	Toxicity of semaphorin3A for dopaminergic neurons. Neuroscience Letters, 2005, 382, 61-65.	2.1	14
64	Trends in Incidence of Intracranial and Spinal Arteriovenous Shunts. Stroke, 2021, 52, 1455-1459.	2.0	13
65	Primary Germinoma in the Medulla Oblongata -Case Report-. Neurologia Medico-Chirurgica, 2011, 51, 326-329.	2.2	12
66	Lithium counteracts depressive behavior and augments the treatment effect of selective serotonin reuptake inhibitor in treatment-resistant depressed rats. Brain Research, 2019, 1717, 52-59.	2.2	10
67	Article Commentary: Cell Transplantation: Stem Cells in the Spotlight. Cell Transplantation, 2005, 14, 519-526.	2.5	9
68	The Factors Affecting the Difficulty of Percutaneous Cylindrical Electrode Placement for Spinal Cord Stimulation. World Neurosurgery, 2018, 113, e391-e398.	1.3	9
69	Injection of muscimol, a GABAa agonist into the anterior thalamic nucleus, suppresses hippocampal neurogenesis in amygdala-kindled rats. Neurological Research, 2009, 31, 407-413.	1.3	8
70	Regenerative Medicine for Epilepsy: From Basic Research to Clinical Application. International Journal of Molecular Sciences, 2013, 14, 23390-23401.	4.1	8
71	Regenerative Medicine for Parkinsonâ€™s Disease. Neurologia Medico-Chirurgica, 2015, 55, 113-123.	2.2	8
72	Superior ophthalmic vein thrombosis associated with severe facial trauma: a case report. Journal of Medical Case Reports, 2015, 9, 244.	0.8	8

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73	Characteristics and prognostic factors of Parkinson's disease patients with abnormal postures subjected to subthalamic nucleus deep brain stimulation. Parkinsonism and Related Disorders, 2018, 57, 44-49.	2.2	8
74	Cerebellar Blood Flow and Gene Expression in Crossed Cerebellar Diaschisis after Transient Middle Cerebral Artery Occlusion in Rats. International Journal of Molecular Sciences, 2020, 21, 4137.	4.1	8
75	Neurological disorders and neural regeneration, with special reference to Parkinsonâ€™s disease and cerebral ischemia. Journal of Artificial Organs, 2009, 12, 11-16.	0.9	7
76	Neurolymphomatosis in the Cauda Equina Diagnosed by an Open Biopsy. Internal Medicine, 2018, 57, 3463-3465.	0.7	7
77	Long-Term Potentiation Enhances Neuronal Differentiation in the Chronic Hypoperfusion Model of Rats. Frontiers in Aging Neuroscience, 2018, 10, 29.	3.4	7
78	Incidence and clinical characteristics of spinal arteriovenous shunts: hospital-based surveillance in Okayama, Japan. Journal of Neurosurgery: Spine, 2022, 36, 670-677.	1.7	6
79	Detrimental effects of physical inactivity on neurogenesis. Brain Circulation, 2016, 2, 80.	1.8	5
80	Cerebral circulation improves with indirect bypass surgery combined with gene therapy. Brain Circulation, 2019, 5, 119.	1.8	5
81	Gene Therapy for Parkinsonâ€™s Disease. , 2009, , 301-309.		4
82	Detection of the common origin of the radiculomedullary artery with the feeder of spinal dural arteriovenous fistula using slab maximum intensity projection image. Neuroradiology, 2020, 62, 1285-1292.	2.2	4
83	Neurobiology Research in Parkinsonâ€™s Disease. International Journal of Molecular Sciences, 2020, 21, 793.	4.1	4
84	Encapsulated stem cells ameliorate depressive-like behavior via growth factor secretion. Brain Circulation, 2018, 4, 128.	1.8	4
85	A case of very long longitudinally extensive transverse myelitis (LETM) with necrotizing Vasculitis. Journal of the Neurological Sciences, 2017, 373, 152-154.	0.6	3
86	Proximal vertebral body fracture after 4-level fusion using l1 as the upper instrumented vertebra for lumbar degenerative disease: report of 2 cases with literature review. Acta Medica Okayama, 2013, 67, 197-202.	0.2	3
87	Encapsulation of Mesenchymal Stem Cells: Dissecting the Underlying Mechanism of Mesenchymal Stem Cell Transplantation Therapy. Neuroscience Insights, 2020, 15, 263310552095906.	1.6	2
88	An Examination of mobile spinal cord stimulators on treating Parkinson disease. Brain Circulation, 2021, 7, 8.	1.8	2
89	Limiting exercise inhibits neuronal recovery from neurological disorders. Brain Circulation, 2017, 3, 124.	1.8	2
90	Translating regenerative medicine techniques for the treatment of epilepsy. Brain Circulation, 2017, 3, 156.	1.8	1

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91	Development of Cervical Subarachnoid Hematoma Following Coronal Artery Stenting for Angina Pectoris -Case Report-. Neurologia Medico-Chirurgica, 2011, 51, 664-666.	2.2	0
92	Gene therapy for cerebral infarct: Focusing on ex vivo gene therapy. Nosotchu, 2009, 31, 420-424.	0.1	0
93	Regenerative Medicine for Traumatic Brain Injury(<SPECIAL ISSUE>Traumatic Brain Injury: Recent) Tj ETQq1 1 0.784314 rgBT /Overloc	0.0	0
94	A Case of Intraspinal Cystic Mass Formation with Involvement of the Pseudoarthrosis of an Osteoporotic Vertebral Compression Fracture after Selective Nerve Root Block. Spinal Surgery, 2020, 34, 66-72.	0.0	0
95	Neurotransmitter and Neurotrophic Factor-Secreting Cell Line Grafting for the Treatment of Parkinsonâ€™s Disease. , 2008, , 51-56.		0
96	Chiari malformation with thick occipital bone. Acta Medica Okayama, 2011, 65, 59-61.	0.2	0