Yang D Teng

List of Publications by Year
in descending order

55	5,682	132226	144563
papers	citations	32 h-index	57 g-index

58	58	58	6718
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Medical Gas Therapy for Tissue, Organ, and CNS Protection: A Systematic Review of Effects, Mechanisms, and Challenges. Advanced Science, 2022, 9, e2104136.	12.4	22
2	Effects of Magnetite Nanoparticles and Static Magnetic Field on Neural Differentiation of Pluripotent Stem Cells. Stem Cell Reviews and Reports, 2022, 18, 1337-1354.	3.9	21
3	ATP and spontaneous calcium oscillations control neural stem cell fate determination in Huntingtonâ€™s disease: a novel approach for cell clock research. Molecular Psychiatry, 2021, 26, 2633-2650.	8.2	26
4	Non-invasive approaches to functional recovery after spinal cord injury: Therapeutic targets and multimodal device interventions. Experimental Neurology, 2021, 339, 113612.	4.1	24
5	Prelude to the special issue on novel neurocircuit, cellular and molecular targets for developing functional rehabilitation therapies of neurotrauma. Experimental Neurology, 2021, 341, 113689.	4.1	2
6	A Combinatorial Approach with Cerebellar Tonsil Suspension to Treating Symptomatic Chiari Malformation Type I in Adults: A Retrospective Study. World Neurosurgery, 2020, 143, e19-e35.	1.5	4
7	Physical impacts of PLGA scaffolding on hMSCs: Recovery neurobiology insight for implant design to treat spinal cord injury. Experimental Neurology, 2019, 320, 112980.	4.1	21
8	Functional Multipotency of Stem Cells and Recovery Neurobiology of Injured Spinal Cords. Cell Transplantation, 2019, 28, 451-459.	2.6	22
9	Functional multipotency of stem cells: Biological traits gleaned from neural progeny studies. Seminars in Cell and Developmental Biology, 2019, 95, 74-83.	5.4	29
10	Neuromusculoskeletal Modeling-Based Prostheses for Recovery After Spinal Cord Injury. Frontiers in Neurorobotics, 2019, 13, 97.	2.9	37
11	Spinal cord astrocytomas: progresses in experimental and clinical investigations for developing recovery neurobiology-based novel therapies. Experimental Neurology, 2019, 311, 135-147.	4.1	17
12	Pathophysiological Bases of Comorbidity: Traumatic Brain Injury and Post-Traumatic Stress Disorder. Journal of Neurotrauma, 2018, 35, 210-225.	3.6	98
13	Updates on Human Neural Stem Cells: From Generation, Maintenance, and Differentiation to Applications in Spinal Cord Injury Research. Results and Problems in Cell Differentiation, 2018, 66, 233-248.	0.0	5
14	Establishing an Organotypic System for Investigating Multimodal Neural Repair Effects of Human Mesenchymal Stromal Stem Cells. Current Protocols in Stem Cell Biology, 2018, 47, e58.	1.4	10
15	Cancer Stem Cells or Tumor Survival Cells?. Stem Cells and Development, 2018, 27, 1466-1478.	2.1	29
16	Defining recovery neurobiology of injured spinal cord by synthetic matrix-assisted hMSC implantation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E820-E829.	7.6	87
17	Probing the lithium-response pathway in hiPSCs implicates the phosphoregulatory set-point for a cytoskeletal modulator in bipolar pathogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4462-E4471.	7.6	132
18	Adrenergic activation attenuates astrocyte swelling induced by hypotonicity and neurotrauma. Glia, 2016, 64, 1034-1049.	5.3	47

#	ARTICLE	IF	CITATIONS
19	Targeted Treatment of Experimental Spinal Cord Glioma With Dual Gene-Engineered Human Neural Stem Cells. Neurosurgery, 2016, 79, 481-491.	1.3	22
20	Down-regulation of MicroRNA-126 in Glioblastoma and its Correlation with Patient Prognosis: A Pilot Study. Anticancer Research, 2016, 36, 6691-6698.	1.1	22
21	Stemness Enhancement of Human Neural Stem Cells following Bone Marrow MSC Coculture. Cell Transplantation, 2015, 24, 645-659.	2.6	34
22	Biological Approaches to Treating Intervertebral Disk Degeneration: Devising Stem Cell Therapies. Cell Transplantation, 2015, 24, 2197-2208.	2.6	32
23	Roles of Kinins in the Nervous System. Cell Transplantation, 2015, 24, 613-623.	2.6	24
24	Peripheral Nerve Regeneration: Mechanism, Cell Biology, and Therapies. BioMed Research International, 2014, 2014, 1-2.	2.0	11
25	Patterned Electrospun Nanofiber Matrices Via Localized Dissolution: Potential for Guided Tissue Formation. Advanced Materials, 2014, 26, 8192-8197.	24.3	51
26	Human Neural Stem Cells Survive Long Term in the Midbrain of Dopamine-Depleted Monkeys After GDNF Overexpression and Project Neurites Toward an Appropriate Target. Stem Cells Translational Medicine, 2014, 3, 692-701.	3.5	36
27	Association of VKORC1-1639G>A polymorphism with susceptibility to ossification of the posterior longitudinal ligament of the spine: a Korean study. Acta Neurochirurgica, 2013, 155, 1937-1942.	1.7	16
28	Alleviation of chronic pain following rat spinal cord compression injury with multimodal actions of huperzine A. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E746-55.	7.6	59
29	Multimodal Actions of Neural Stem Cells in a Mouse Model of ALS: A Meta-Analysis. Science Translational Medicine, 2012, 4, 165ra164.	13.4	93
30	Stem Cells and Spinal Cord Repair. New England Journal of Medicine, 2012, 366, 1940-1942.	30.1	65
31	Cograft of neural stem cells and schwann cells overexpressing TrkC and neurotrophin-3 respectively after rat spinal cord transection. Biomaterials, 2011, 32, 7454-7468.	11.8	62
32	Functional Multipotency of Stem Cells: A Conceptual Review of Neurotrophic Factor-Based Evidence and Its Role in Translational Research. Current Neuropharmacology, 2011, 9, 574-585.	3.0	45
33	Self-renewal induced efficiently, safely, and effective therapeutically with one regulatable gene in a human somatic progenitor cell. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4876-4881.	7.6	32
34	Establishing a model spinal cord injury in the African green monkey for the preclinical evaluation of biodegradable polymer scaffolds seeded with human neural stem cells. Journal of Neuroscience Methods, 2010, 188, 258-269.	2.6	87
35	Communication via gap junctions underlies early functional and beneficial interactions between grafted neural stem cells and the host. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5184-5189.	7.6	134
36	Nna1 Mediates Purkinje Cell Dendritic Development via Lysyl Oxidase Propeptide and NF-ÎºB Signaling. Neuron, 2010, 68, 45-60.	8.0	69

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37	Microvascular decompression as a surgical management for trigeminal neuralgia: long-term follow-up and review of the literature. Neurosurgical Review, 2009, 32, 87-94.	2.4	54
38	Neuronal gene delivery by negatively charged pullulanâ€“spermine/DNA anioplexes. Biomaterials, 2009, 30, 1815-1826.	11.8	64
39	Blockade of Peroxynitrite-Induced Neural Stem Cell Death in the Acutely Injured Spinal Cord by Drug-Releasing Polymer. Stem Cells, 2009, 27, 1212-1222.	3.6	67
40	Important precautions when deriving patient-specific neural elements from pluripotent cells. Cytotherapy, 2009, 11, 815-824.	0.7	26
41	Behavioral improvement in a primate Parkinson's model is associated with multiple homeostatic effects of human neural stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12175-12180.	7.6	340
42	Physical activity-mediated functional recovery after spinal cord injury: potential roles of neural stem cells. Regenerative Medicine, 2006, 1, 763-776.	1.9	42
43	Therapeutic effects of clenbuterol in a murine model of amyotrophic lateral sclerosis. Neuroscience Letters, 2006, 397, 155-158.	2.1	35
44	Single muscle fiber size and contractility after spinal cord injury in rats. Muscle and Nerve, 2006, 34, 101-104.	2.3	15
45	Purkinje neuron degeneration in nervous (nr) mutant mice is mediated by a metabolic pathway involving excess tissue plasminogen activator. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7847-7852.	7.6	27
46	Neural Stem Cells Implanted into MPTP-Treated Monkeys Increase the Size of Endogenous Tyrosine Hydroxylase-Positive Cells Found in the Striatum: A Return to Control Measures. Cell Transplantation, 2005, 14, 183-192.	2.6	78
47	Respiratory Abnormalities Resulting from Midcervical Spinal Cord Injury and their Reversal by Serotonin 1A Agonists in Conscious Rats. Journal of Neuroscience, 2005, 25, 4550-4559.	3.8	71
48	Brain Tumor Tropism of Transplanted Human Neural Stem Cells Is Induced by Vascular Endothelial Growth Factor. Neoplasia, 2005, 7, 623-630.	5.3	186
49	Directed migration of neural stem cells to sites of CNS injury by the stromal cell-derived factor 1Î±/CXC chemokine receptor 4 pathway. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 18117-18122.	7.6	1,026
50	Minocycline inhibits contusion-triggered mitochondrial cytochrome c release and mitigates functional deficits after spinal cord injury. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3071-3076.	7.6	310
51	Neural Stem Cell Biology May Be Well Suited for Improving Brain Tumor Therapies. Cancer Journal (Sudbury, Mass), 2003, 9, 189-204.	2.0	60
52	Functional recovery following traumatic spinal cord injury mediated by a unique polymer scaffold seeded with neural stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3024-3029.	7.6	926
53	The injured brain interacts reciprocally with neural stem cells supported by scaffolds to reconstitute lost tissue. Nature Biotechnology, 2002, 20, 1111-1117.	20.8	541
54	2,3-Dihydroxy-6-Nitro-7-Sulfamoyl-Benzo(f)Quinoxaline Reduces Glial Loss and Acute White Matter Pathology after Experimental Spinal Cord Contusion. Journal of Neuroscience, 1999, 19, 464-475.	3.8	122

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55	Effects of the Sodium Channel Blocker Tetrodotoxin on Acute White Matter Pathology After Experimental Contusive Spinal Cord Injury. Journal of Neuroscience, 1999, 19, 6122-6133.	3.8	105