

Shun-Fen Tzeng

List of Publications by Year in descending order

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71
papers

2,026
citations

201674

27
h-index

265206

42
g-index

75
all docs

75
docs citations

75
times ranked

3259
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor necrosis factor- α and interleukin-18 modulate neuronal cell fate in embryonic neural progenitor culture. <i>Brain Research</i> , 2005, 1054, 152-158.	2.2	117
2	Prostaglandins and Cyclooxygenases in Glial Cells During Brain Inflammation. <i>Inflammation and Allergy: Drug Targets</i> , 2005, 4, 335-340.	3.1	111
3	Sustained intraspinal delivery of neurotrophic factor encapsulated in biodegradable nanoparticles following contusive spinal cord injury. <i>Biomaterials</i> , 2008, 29, 4546-4553.	11.4	96
4	Neuroprotection of glial cell line-derived neurotrophic factor in damaged spinal cords following contusive injury. <i>Journal of Neuroscience Research</i> , 2002, 69, 397-405.	2.9	91
5	Tumor necrosis factor- α modulates the proliferation of neural progenitors in the subventricular/ventricular zone of adult rat brain. <i>Neuroscience Letters</i> , 2000, 292, 203-206.	2.1	81
6	MicroRNA-145 as one negative regulator of astrogliosis. <i>Glia</i> , 2015, 63, 194-205.	4.9	80
7	Id1, Id2, and Id3 gene expression in neural cells during development. , 1998, 24, 372-381.		67
8	TNF- α /IFN- γ -induced iNOS expression increased by prostaglandin E2 in rat primary astrocytes via EP2-evoked cAMP/PKA and intracellular calcium signaling. <i>Glia</i> , 2007, 55, 214-223.	4.9	67
9	Inhibition of cadmium-induced oxidative injury in rat primary astrocytes by the addition of antioxidants and the reduction of intracellular calcium. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 825-834.	2.6	66
10	Microglial phagocytosis attenuated by short-term exposure to exogenous ATP through P2X ₇ receptor action. <i>Journal of Neurochemistry</i> , 2009, 111, 1225-1237.	3.9	58
11	Reactive oxygen species-induced cell death of rat primary astrocytes through mitochondria-mediated mechanism. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 933-943.	2.6	56
12	Gene transfer of glial cell line-derived neurotrophic factor promotes functional recovery following spinal cord contusion. <i>Experimental Neurology</i> , 2003, 183, 508-515.	4.1	54
13	Tumor necrosis factor- α regulation of the Id gene family in astrocytes and microglia during CNS inflammatory injury. , 1999, 26, 139-152.		53
14	Induced interleukin-33 expression enhances the tumorigenic activity of rat glioma cells. <i>Neuro-Oncology</i> , 2014, 16, 552-566.	1.2	49
15	Pituitary adenylate cyclase-activating polypeptide prevents cell death in the spinal cord with traumatic injury. <i>Neuroscience Letters</i> , 2005, 384, 117-121.	2.1	43
16	Expression of macrophage inflammatory protein-1 α and monocyte chemoattractant protein-1 in glioma-infiltrating microglia: Involvement of ATP and P2X ₇ receptor. <i>Journal of Neuroscience Research</i> , 2011, 89, 199-211.	2.9	43
17	High-fat diet suppresses the astrocytic process arborization and downregulates the glial glutamate transporters in the hippocampus of mice. <i>Brain Research</i> , 2018, 1700, 66-77.	2.2	41
18	Valproic acid attenuates microgliosis in injured spinal cord and purinergic P2X ₄ receptor expression in activated microglia. <i>Journal of Neuroscience Research</i> , 2013, 91, 694-705.	2.9	40

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19	Downregulation of inducible nitric oxide synthetase by neurotrophin-3 in microglia. <i>Journal of Cellular Biochemistry</i> , 2003, 90, 227-233.	2.6	39
20	Effects of Combinatorial Treatment with Pituitary Adenylate Cyclase Activating Peptide and Human Mesenchymal Stem Cells on Spinal Cord Tissue Repair. <i>PLoS ONE</i> , 2010, 5, e15299.	2.5	38
21	Inhibitors of DNA binding in neural cell proliferation and differentiation. <i>Neurochemical Research</i> , 2003, 28, 45-52.	3.3	34
22	Regulation of microglial activities by glial cell line derived neurotrophic factor. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 501-511.	2.6	34
23	Inhibitory regulation of glutamate aspartate transporter (GLAST) expression in astrocytes by cadmium-induced calcium influx. <i>Journal of Neurochemistry</i> , 2008, 105, 137-150.	3.9	34
24	Oxidative stress-induced attenuation of thrombospondin-1 expression in primary rat astrocytes. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 59-70.	2.6	34
25	Downregulation of BRCA1-BRCA2-containing complex subunit 3 sensitizes glioma cells to temozolomide. <i>Oncotarget</i> , 2014, 5, 10901-10915.	1.8	34
26	Neural progenitors isolated from newborn rat spinal cords differentiate into neurons and astroglia. <i>Journal of Biomedical Science</i> , 2002, 9, 10-16.	7.0	31
27	Effects of malonate C60 derivatives on activated microglia. <i>Brain Research</i> , 2002, 940, 61-68.	2.2	29
28	MicroRNA-212 inhibits oligodendrocytes during maturation by downregulation of differentiation-associated gene expression. <i>Journal of Neurochemistry</i> , 2017, 143, 112-125.	3.9	28
29	Ca ²⁺ -dependent reduction of glutamate aspartate transporter GLAST expression in astrocytes by P2X ₇ receptor-mediated phosphoinositide 3-kinase signaling. <i>Journal of Neurochemistry</i> , 2010, 113, 213-227.	3.9	27
30	Upregulation of the HLH Id gene family in neural progenitors and glial cells of the rat spinal cord following contusion injury. <i>Journal of Neuroscience Research</i> , 2001, 66, 1161-1172.	2.9	25
31	Chronic exposure to high fat diet triggers myelin disruption and interleukin-33 upregulation in hypothalamus. <i>BMC Neuroscience</i> , 2019, 20, 33.	1.9	25
32	Downregulation of interleukin-33 expression in oligodendrocyte precursor cells impairs oligodendrocyte lineage progression. <i>Journal of Neurochemistry</i> , 2019, 150, 691-708.	3.9	25
33	Inhibition of lipopolysaccharide-induced microglial activation by preexposure to neurotrophin-3. <i>Journal of Neuroscience Research</i> , 2005, 81, 666-676.	2.9	24
34	Reduction in antioxidant enzyme expression and sustained inflammation enhance tissue damage in the subacute phase of spinal cord contusive injury. <i>Journal of Biomedical Science</i> , 2011, 18, 13.	7.0	22
35	Behavioral and brain- transcriptomic synchronization between the two opponents of a fighting pair of the fish <i>Betta splendens</i> . <i>PLoS Genetics</i> , 2020, 16, e1008831.	3.5	22
36	Role of Ciliary Neurotrophic Factor in Microglial Phagocytosis. <i>Neurochemical Research</i> , 2009, 34, 109-117.	3.3	21

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37	<i>In vivo</i> monitoring of the transfer kinetics of trace elements in animal brains with hyphenated inductively coupled plasma mass spectrometry techniques. <i>Mass Spectrometry Reviews</i> , 2010, 29, 392-424.	5.4	21
38	Depletion of B cell CLL/Lymphoma 11B Gene Expression Represses Glioma Cell Growth. <i>Molecular Neurobiology</i> , 2016, 53, 3528-3539.	4.0	21
39	Expression and functional role of the Id HLH family in cultured astrocytes. <i>Molecular Brain Research</i> , 1997, 46, 136-142.	2.3	20
40	Postnatal Stress Induced by Injection with Valproate Leads to Developing Emotional Disorders Along with Molecular and Cellular Changes in the Hippocampus and Amygdala. <i>Molecular Neurobiology</i> , 2016, 53, 6774-6785.	4.0	17
41	Neuronal morphological change of size-sieved stem cells induced by neurotrophic stimuli. <i>Neuroscience Letters</i> , 2004, 367, 23-28.	2.1	15
42	Ligands of peroxisome proliferator-activated receptor-alpha promote glutamate transporter-1 endocytosis in astrocytes. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 86, 42-53.	2.8	15
43	Function of B-Cell CLL/Lymphoma 11B in Glial Progenitor Proliferation and Oligodendrocyte Maturation. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 4.	2.9	15
44	Retinoic acid mediates the expression of glutamate transporter-1 in rat astrocytes through genomic RXR action and non-genomic protein kinase C signaling pathway. <i>Journal of Neurochemistry</i> , 2012, 121, 537-550.	3.9	14
45	Enhanced cell growth and tumorigenicity of rat glioma cells by stable expression of human CD133 through multiple molecular actions. <i>Glia</i> , 2013, 61, 1402-1417.	4.9	14
46	Chronic treatment with cisplatin induces replication-dependent sister chromatid recombination to confer cisplatin-resistant phenotype in nasopharyngeal carcinoma. <i>Oncotarget</i> , 2014, 5, 6323-6337.	1.8	14
47	BRCA1/BRCA2-containing complex subunit 3 controls oligodendrocyte differentiation by dynamically regulating lysine 63-linked ubiquitination. <i>Glia</i> , 2019, 67, 1775-1792.	4.9	12
48	Characterization of surface modification on microelectrode arrays for in vitro cell culture. <i>Biomedical Microdevices</i> , 2008, 10, 99-111.	2.8	11
49	Functional Role of Matrix gla Protein in Glioma Cell Migration. <i>Molecular Neurobiology</i> , 2018, 55, 4624-4636.	4.0	11
50	Colchicine derivative as a potential anti-glioma compound. <i>Journal of Neuro-Oncology</i> , 2015, 124, 403-412.	2.9	10
51	Stress Aggravates High-Fat-Diet-Induced Insulin Resistance via a Mechanism That Involves the Amygdala and Is Associated with Changes in Neuroplasticity. <i>Neuroendocrinology</i> , 2018, 107, 147-157.	2.5	10
52	Hericium erinaceus mycelium and its small bioactive compounds promote oligodendrocyte maturation with an increase in myelin basic protein. <i>Scientific Reports</i> , 2021, 11, 6551.	3.3	9
53	Intermittent peripheral exposure to lipopolysaccharide induces exploratory behavior in mice and regulates brain glial activity in obese mice. <i>Journal of Neuroinflammation</i> , 2020, 17, 163.	7.2	8
54	Microglia Reduce Herpes Simplex Virus 1 Lethality of Mice with Decreased T Cell and Interferon Responses in Brains. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12457.	4.1	8

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55	The Nuclear Function of IL-33 in Desensitization to DNA Damaging Agent and Change of Glioma Nuclear Structure. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 713336.	3.7	7
56	Reduction of CD200 expression in glioma cells enhances microglia activation and tumor growth. <i>Journal of Neuroscience Research</i> , 2016, 94, 1460-1471.	2.9	6
57	The selective lipoprotein-associated phospholipase A2 inhibitor darapladib triggers irreversible actions on glioma cell apoptosis and mitochondrial dysfunction. <i>Toxicology and Applied Pharmacology</i> , 2020, 402, 115133.	2.8	6
58	Mps one binder 2 gene upregulation in the stellation of astrocytes induced by cAMP-dependent pathway. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 3019-3028.	2.6	5
59	Astrocytic Regulation of Synchronous Bursting in Cortical Cultures: From Local to Global. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa053.	1.6	4
60	Enhanced Microglia Activation and Glioma Tumor Progression by Inflammagen Priming in Mice with Tumor Necrosis Factor Receptor Type 2 Deficiency. <i>Life</i> , 2021, 11, 961.	2.4	4
61	KCC3 deficiency-induced disruption of paranodal loops and impairment of axonal excitability in the peripheral nervous system. <i>Neuroscience</i> , 2016, 335, 91-102.	2.3	3
62	Inhibitory Effects of Trifluoperazine on Peripheral Proinflammatory Cytokine Expression and Hypothalamic Microglia Activation in Obese Mice Induced by Chronic Feeding With High-Fat-Diet. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 752771.	3.7	3
63	Upregulation of the HLH Id gene family in neural progenitors and glial cells of the rat spinal cord following contusion injury. <i>Journal of Neuroscience Research</i> , 2001, 66, 1161.	2.9	2
64	Neural Progenitors Isolated from Newborn Rat Spinal Cords Differentiate into Neurons and Astroglia. <i>Journal of Biomedical Science</i> , 2002, 9, 10-16.	7.0	1
65	Absence of the lectin-like domain of thrombomodulin reduces HSV-1 lethality of mice with increased microglia responses. <i>Journal of Neuroinflammation</i> , 2022, 19, 66.	7.2	1
66	Title is missing!. , 2020, 16, e1008831.		0
67	Title is missing!. , 2020, 16, e1008831.		0
68	Title is missing!. , 2020, 16, e1008831.		0
69	Title is missing!. , 2020, 16, e1008831.		0
70	Title is missing!. , 2020, 16, e1008831.		0
71	Title is missing!. , 2020, 16, e1008831.		0