Shang-Hsun Yang

List of Publications by Year
in descending order

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		236833	223716
64	2,316	25	46
papers	citations	h-index	g-index

65	65	65	3229
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Towards a transgenic model of Huntingtonâ€™s disease in a non-human primate. Nature, 2008, 453, 921-924.	13.7	445
2	Functional disruption of the dystrophin gene in rhesus monkey using CRISPR/Cas9. Human Molecular Genetics, 2015, 24, 3764-3774.	1.4	209
3	Accumulation of N-terminal mutant huntingtin in mouse and monkey models implicated as a pathogenic mechanism in Huntington's disease. Human Molecular Genetics, 2008, 17, 2738-2751.	1.4	139
4	Hypoxia-Induced MicroRNA-20a Expression Increases ERK Phosphorylation and Angiogenic Gene Expression in Endometriotic Stromal Cells. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1515-E1523.	1.8	112
5	miR-196a Ameliorates Phenotypes of Huntington Disease in Cell, Transgenic Mouse, and Induced Pluripotent Stem Cell Models. American Journal of Human Genetics, 2013, 93, 306-312.	2.6	88
6	Early Parkinson's disease symptoms in Â-synuclein transgenic monkeys. Human Molecular Genetics, 2015, 24, 2308-2317.	1.4	82
7	MicroRNAâ€145 as one negative regulator of astrogliosis. Glia, 2015, 63, 194-205.	2.5	80
8	Noninvasive Monitoring of Embryonic Stem CellsIn Vivowith MRI Transgene Reporter. Tissue Engineering - Part C: Methods, 2009, 15, 739-747.	1.1	65
9	Extracellular superoxide dismutase ameliorates streptozotocin-induced rat diabetic nephropathy via inhibiting the ROS/ERK1/2 signaling. Life Sciences, 2015, 135, 77-86.	2.0	53
10	Coordination of AUF1 and miR-148a destabilizes DNA methyltransferase 1 mRNA under hypoxia in endometriosis. Molecular Human Reproduction, 2015, 21, 894-904.	1.3	48
11	miR-196a Enhances Neuronal Morphology through Suppressing RANBP10 to Provide Neuroprotection in Huntington's Disease. Theranostics, 2017, 7, 2452-2462.	4.6	47
12	Development of single mouse blastomeres into blastocysts, outgrowths and the establishment of embryonic stem cells. Reproduction, 2008, 135, 805-813.	1.1	42
13	FGF9-induced changes in cellular redox status and HO-1 upregulation are FGFR-dependent and proceed through both ERK and AKT to induce CREB and Nrf2 activation. Free Radical Biology and Medicine, 2015, 89, 274-286.	1.3	38
14	Generation of transgenic monkeys with human inherited genetic disease. Methods, 2009, 49, 78-84.	1.9	36
15	Stem cell transplantation therapy in Parkinsonâ€™s disease. SpringerPlus, 2015, 4, 597.	1.2	33
16	The Potential Regulatory Mechanisms of miR-196a in Huntingtonâ€™s Disease through Bioinformatic Analyses. PLoS ONE, 2015, 10, e0137637.	1.1	33
17	The Truncated C-terminal Fragment of Mutant ATXN3 Disrupts Mitochondria Dynamics in Spinocerebellar Ataxia Type 3 Models. Frontiers in Molecular Neuroscience, 2017, 10, 196.	1.4	33
18	FGF9/FGFR2 increase cell proliferation by activating <scp>ERK</scp>1/2, Rb/E2F1, and cell cycle pathways in mouse Leydig tumor cells. Cancer Science, 2018, 109, 3503-3518.	1.7	32

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19	Production of Recombinant Porcine Lactoferrin Exhibiting Antibacterial Activity in Methylotrophic Yeast, Pichia pastoris. Journal of Molecular Microbiology and Biotechnology, 2004, 8, 141-149.	1.0	30
20	Production of Germline Transgenic Prairie Voles (Microtus ochrogaster) Using Lentiviral Vectors1. Biology of Reproduction, 2009, 81, 1189-1195.	1.2	29
21	Differential Differences in Methylation Status of Putative Imprinted Genes among Cloned Swine Genomes. PLoS ONE, 2012, 7, e32812.	1.1	29
22	Transgenic Animal Models of Huntingtonâ€™s Disease. Current Topics in Behavioral Neurosciences, 2011, 7, 61-85.	0.8	28
23	CCAAT/enhancer-binding protein delta promotes intracellular lipid accumulation in M1 macrophages of vascular lesions. Cardiovascular Research, 2017, 113, 1376-1388.	1.8	28
24	Lactoferrin protects against chemical-induced rat liver fibrosis by inhibiting stellate cell activation. Journal of Dairy Science, 2014, 97, 3281-3291.	1.4	26
25	Stem cells in the lung parenchyma and prospects for lung injury therapy. European Journal of Clinical Investigation, 2006, 36, 310-319.	1.7	25
26	Fibroblast growth factor 9 activates anti-oxidative functions of Nrf2 through ERK signalling in striatal cell models of Huntington's disease. Free Radical Biology and Medicine, 2019, 130, 256-266.	1.3	25
27	Granzyme G is expressed in the two-cell stage mouse embryo and is required for the maternal-zygotic transition. BMC Developmental Biology, 2010, 10, 88.	2.1	24
28	Longitudinal transcriptomic dysregulation in the peripheral blood of transgenic Huntingtonâ€™s disease monkeys. BMC Neuroscience, 2013, 14, 88.	0.8	23
29	Lentiviral integration preferences in transgenic mice. Genesis, 2008, 46, 711-718.	0.8	22
30	Synergy of endothelial and neural progenitor cells from adipose-derived stem cells to preserve neurovascular structures in rat hypoxic-ischemic brain injury. Scientific Reports, 2015, 5, 14985.	1.6	22
31	Monkey hybrid stem cells develop cellular features of Huntington's disease. BMC Cell Biology, 2010, 11, 12.	3.0	20
32	Lactoferrin Protects Hyperoxia-Induced Lung and Kidney Systemic Inflammation in an In Vivo Imaging Model of NF-ÎºB/Luciferase Transgenic Mice. Molecular Imaging and Biology, 2020, 22, 526-538.	1.3	20
33	Anti-Cancer Effect of Cordycepin on FGF9-Induced Testicular Tumorigenesis. International Journal of Molecular Sciences, 2020, 21, 8336.	1.8	20
34	FGF9 induces functional differentiation to Schwann cells from human adipose derived stem cells. Theranostics, 2020, 10, 2817-2831.	4.6	20
35	A novel osteoporosis model with ascorbic acid deficiency in Akr1A1 gene knockout mice. Oncotarget, 2017, 8, 7357-7369.	0.8	19
36	Fibroblast Growth Factor 9 Suppresses Striatal Cell Death Dominantly Through ERK Signaling in Huntingtonâ€™s Disease. Cellular Physiology and Biochemistry, 2018, 48, 605-617.	1.1	19

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37	FGF9/FGFR1 promotes cell proliferation, epithelial-mesenchymal transition, M2 macrophage infiltration and liver metastasis of lung cancer. Translational Oncology, 2021, 14, 101208.	1.7	19
38	Significantly differential diffusion of neuropathological aggregates in the brain of transgenic mice carrying N-terminal mutant huntingtin fused with green fluorescent protein. Brain Structure and Function, 2013, 218, 283-294.	1.2	17
39	Using Dual Fluorescence Reporting Genes to Establish an In Vivo Imaging Model of Orthotopic Lung Adenocarcinoma in Mice. Molecular Imaging and Biology, 2016, 18, 849-859.	1.3	17
40	Enhanced transgenesis by intracytoplasmic injection of envelope-free lentivirus. Genesis, 2007, 45, 177-183.	0.8	16
41	Overexpression of Smad proteins, especially Smad7, in oral epithelial dysplasias. Clinical Oral Investigations, 2013, 17, 921-932.	1.4	16
42	The regulatory roles of microRNAs toward pathogenesis and treatments in Huntington's disease. Journal of Biomedical Science, 2021, 28, 59.	2.6	15
43	SMN is required for the maintenance of embryonic stem cells and neuronal differentiation in mice. Brain Structure and Function, 2015, 220, 1539-1553.	1.2	14
44	Characterization of dental pulp stem/stromal cells of Huntington monkey tooth germs. BMC Cell Biology, 2011, 12, 39.	3.0	13
45	The Role of Autophagy in Anti-Cancer and Health Promoting Effects of Cordycepin. Molecules, 2021, 26, 4954.	1.7	12
46	Therapeutic Potential of Andrographolide Isolated from the Leaves ofAndrographis paniculataNees for Treating Lung Adenocarcinomas. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-8.	0.5	11
47	Aberrant expression in multiple components of the transforming growth factor-Î²1-induced Smad signaling pathway during 7,12-dimethylbenz[a]anthracene-induced hamster buccal-pouch squamous-cell carcinogenesis. Oral Oncology, 2011, 47, 262-267.	0.8	10
48	Ingestion of milk containing the Dp2 peptide, a dust mite allergen, protects mice from allergic airway inflammation and hyper-responsiveness. Allergy, Asthma and Clinical Immunology, 2013, 9, 21.	0.9	10
49	The Differential Profiling of Ubiquitinâ€Proteasome and Autophagy Systems in Different Tissues before the Onset of <scp>H</scp>untington's Disease Models. Brain Pathology, 2015, 25, 481-490.	2.1	10
50	Myostatin propeptide gene delivery by gene gun ameliorates muscle atrophy in a rat model of botulinum toxin-induced nerve denervation. Life Sciences, 2016, 146, 15-23.	2.0	10
51	FGF9 induces neurite outgrowth upon ERK signaling in knock-in striatal Huntington's disease cells. Life Sciences, 2021, 267, 118952.	2.0	10
52	Chemical Enhancement in Embryo Development and Stem Cell Derivation from Single Blastomeres. Cloning and Stem Cells, 2008, 10, 503-512.	2.6	9
53	Sexually Dimorphic Expression of eGFP Transgene in the Akr1A1 Locus of Mouse Liver Regulated by Sex Hormone-Related Epigenetic Remodeling. Scientific Reports, 2016, 6, 24023.	1.6	9
54	The expression profiles of fibroblast growth factor 9 and its receptors in developing mice testes. Organogenesis, 2016, 12, 61-77.	0.4	9

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55	Fibroblast Growth Factor 9 Stimulates Neuronal Length Through NF-kB Signaling in Striatal Cell Huntingtonâ€™s Disease Models. Molecular Neurobiology, 2021, 58, 2396-2406.	1.9	9
56	CDK4 and CDK5 Inhibition Have Comparable Mild Hypothermia Effects in Preventing Drp1-Dependent Mitochondrial Fission and Neuron Death Induced by MPP+. Molecular Neurobiology, 2020, 57, 4090-4105.	1.9	7
57	Lentiviral transgenesis in mice via a simple method of viral concentration. Theriogenology, 2016, 86, 1427-1435.	0.9	6
58	FGF9 is a downstream target of SRY and sufficient to determine male sex fate in ex vivo XX gonad culture. Biology of Reproduction, 2020, 103, 1300-1313.	1.2	6
59	Assisted fertilization and embryonic axis formation in higher primates. Reproductive BioMedicine Online, 2009, 18, 382-390.	1.1	5
60	STAT3 Is an Upstream Regulator of Granzyme G in the Maternal-To-Zygotic Transition of Mouse Embryos. International Journal of Molecular Sciences, 2021, 22, 460.	1.8	5
61	Recombinant Derp5 allergen with Î±S1-casein signal peptide secreted in murine milk protects against dust mite allergenâ€“induced airway inflammation. Journal of Dairy Science, 2014, 97, 6792-6803.	1.4	3
62	Suppression of Dendritic Cell Maturation by Kefir Peptides Alleviates Collagen-Induced Arthritis in Mice. Frontiers in Pharmacology, 2021, 12, 721594.	1.6	2
63	Cerebral AÎ² deposition in an AÎ²-precursor protein-transgenic rhesus monkey. Aging Brain, 2022, 2, 100044.	0.7	2
64	Cruciform DNA Structures Act as Legible Templates for Accelerating Homologous Recombination in Transgenic Animals. International Journal of Molecular Sciences, 2022, 23, 3973.	1.8	0