

Cheng-Yoong Pang

List of Publications by Year in descending order

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86
papers

3,066
citations

159573

30
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168376

53
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88
all docs

88
docs citations

88
times ranked

3734
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Recovery of Stroke Rats Induced by Granulocyte Colony-Stimulating Factorâ€‘Stimulated Stem Cells. <i>Circulation</i> , 2004, 110, 1847-1854.	1.6	335
2	Oxidative Damage and Mutation to Mitochondrial DNA and Ageâ€‘dependent Decline of Mitochondrial Respiratory Function^a. <i>Annals of the New York Academy of Sciences</i> , 1998, 854, 155-170.	3.8	234
3	Differential accumulations of 4,977 bp deletion in mitochondrial DNA of various tissues in human ageing. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1994, 1226, 37-43.	3.8	210
4	Altered mitochondrial function in fibroblasts containing MELAS or MERRF mitochondrial DNA mutations. <i>Biochemical Journal</i> , 1996, 318, 401-407.	3.7	163
5	Bioenergetic consequences of accumulating the common 4977-bp mitochondrial DNA deletion. <i>FEBS Journal</i> , 1998, 257, 192-201.	0.2	141
6	Increases of Mitochondrial Mass and Mitochondrial Genome in Association with Enhanced Oxidative Stress in Human Cells Harboring 4,977 BPâ€‘Deleted Mitochondrial DNA. <i>Annals of the New York Academy of Sciences</i> , 2001, 928, 97-112.	3.8	99
7	Human Skin Mitochondrial DNA Deletions Associated with Light Exposure. <i>Archives of Biochemistry and Biophysics</i> , 1994, 312, 534-538.	3.0	94
8	Tanshinone IIA inhibits human prostate cancer cells growth by induction of endoplasmic reticulum stress in vitro and in vivo. <i>Prostate Cancer and Prostatic Diseases</i> , 2013, 16, 315-322.	3.9	63
9	A novel mutation in the mitochondrial 16S rRNA gene in a patient with MELAS syndrome, diabetes mellitus, hyperthyroidism and cardiomyopathy. <i>Journal of Biomedical Science</i> , 2001, 8, 328-335.	7.0	59
10	Synergistic Protection of N-Acetylcysteine and Ascorbic Acid 2-Phosphate on Human Mesenchymal Stem cells Against Mitoptosis, Necroptosis and Apoptosis. <i>Scientific Reports</i> , 2015, 5, 9819.	3.3	57
11	Ageing-associated tandem duplications in the D-loop of mitochondrial DNA of human muscle. <i>FEBS Letters</i> , 1994, 354, 79-83.	2.8	56
12	A simple and efficient method for generating Nurr1-positive neuronal stem cells from human wisdom teeth (tNSC) and the potential of tNSC for stroke therapy. <i>Cytotherapy</i> , 2009, 11, 606-617.	0.7	55
13	Ophthalmologic Manifestations in MELAS Syndrome. <i>Archives of Neurology</i> , 1993, 50, 977-980.	4.5	53
14	Systemic administration of urocortin after intracerebral hemorrhage reduces neurological deficits and neuroinflammation in rats. <i>Journal of Neuroinflammation</i> , 2012, 9, 13.	7.2	52
15	Induction of Apoptosis Coupled to Endoplasmic Reticulum Stress in Human Prostate Cancer Cells by n-butylidenephthalide. <i>PLoS ONE</i> , 2012, 7, e33742.	2.5	48
16	MELAS syndrome with mitochondrial tRNA(Leu(UUR)) gene mutation in a Chinese family.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1994, 57, 586-589.	1.9	46
17	Tandem Duplications and Large-Scale Deletions of Mitochondrial DNA Are Early Molecular Events of Human Aging Process. <i>Annals of the New York Academy of Sciences</i> , 1996, 786, 82-101.	3.8	46
18	CPEO and carnitine deficiency overlapping in MELAS syndrome. <i>Acta Neurologica Scandinavica</i> , 1995, 92, 252-255.	2.1	46

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19	Peripheral Neuropathy in Mitochondrial Encephalomyopathies. <i>European Neurology</i> , 1997, 37, 110-115.	1.4	42
20	Mitochondrial DNA mutation in a Chinese family with myoclonic epilepsy and ragged-red fiber disease. <i>Biochemical and Biophysical Research Communications</i> , 1991, 174, 1109-1116.	2.1	41
21	Enhanced oxidative damage in human cells harboring A3243G mutation of mitochondrial DNA: implication of oxidative stress in the pathogenesis of mitochondrial diabetes. <i>Diabetes Research and Clinical Practice</i> , 2001, 54, S45-S56.	2.8	40
22	Human adipose-derived stem cells for the treatment of intracerebral hemorrhage in rats via femoral intravenous injection. <i>Cellular and Molecular Biology Letters</i> , 2012, 17, 376-92.	7.0	40
23	Enhancement of Mitochondrial Transfer by Antioxidants in Human Mesenchymal Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	4.0	40
24	A Role for Endoplasmic Reticulum Stress in Intracerebral Hemorrhage. <i>Cells</i> , 2020, 9, 750.	4.1	40
25	Antioxidants cause rapid expansion of human adipose-derived mesenchymal stem cells via CDK and CDK inhibitor regulation. <i>Journal of Biomedical Science</i> , 2013, 20, 53.	7.0	38
26	Mitochondrial Encephalomyopathies: CT and MRI Findings and Correlations with Clinical Features. <i>European Neurology</i> , 1995, 35, 199-205.	1.4	37
27	Early-onset Parkinson's disease in a Chinese population: 99mTc-TRODAT-1 SPECT, Parkin gene analysis and clinical study. <i>Parkinsonism and Related Disorders</i> , 2005, 11, 173-180.	2.2	37
28	Direct renin inhibitor prevents and ameliorates insulin resistance, aortic endothelial dysfunction and vascular remodeling in fructose-fed hypertensive rats. <i>Hypertension Research</i> , 2013, 36, 123-128.	2.7	36
29	Anti-Cancer Effects of Radix Angelica Sinensis (Danggui) and N-Butylidenephthalide on Gastric Cancer: Implications for REDD1 Activation and mTOR Inhibition. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 2231-2246.	1.6	36
30	Myoclonic epilepsy with ragged-red fibers (MERRF) syndrome: Report of a Chinese family with mitochondrial DNA point mutation in tRNA ^{Lys} gene. <i>Muscle and Nerve</i> , 1994, 17, 52-57.	2.2	35
31	The Association of Methylation in the Promoter of <i>APC</i> and <i>MGMT</i> and the Prognosis of Taiwanese CRC Patients. <i>Genetic Testing and Molecular Biomarkers</i> , 2009, 13, 67-71.	0.7	34
32	Directed Differentiation into Neural Lineages and Therapeutic Potential of Porcine Embryonic Stem Cells in Rat Parkinson's Disease Model. <i>Cellular Reprogramming</i> , 2010, 12, 447-461.	0.9	32
33	Poly (ADP-ribose) polymerase plays an important role in intermittent hypoxia-induced cell death in rat cerebellar granule cells. <i>Journal of Biomedical Science</i> , 2012, 19, 29.	7.0	29
34	Transplantation of porcine embryonic stem cells and their derived neuronal progenitors in a spinal cord injury rat model. <i>Cytherapy</i> , 2013, 15, 201-208.	0.7	29
35	MELAS syndrome: correlation between clinical features and molecular genetic analysis. <i>Acta Neurologica Scandinavica</i> , 1994, 90, 354-359.	2.1	28
36	Potential Therapeutic Roles of Tanshinone IIA in Human Bladder Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2014, 15, 15622-15637.	4.1	28

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37	Renoprotective Effect of Human Umbilical Cord-Derived Mesenchymal Stem Cells in Immunodeficient Mice Suffering from Acute Kidney Injury. <i>PLoS ONE</i> , 2012, 7, e46504.	2.5	28
38	Graph theory and network topological metrics may be the potential biomarker in Parkinson's disease. <i>Journal of Clinical Neuroscience</i> , 2019, 68, 235-242.	1.5	27
39	Independent occurrence of somatic mutations in mitochondrial DNA of human skin from subjects of various ages. <i>Human Mutation</i> , 1998, 11, 191-196.	2.5	26
40	MtDNA mutations, functional decline and turnover of mitochondria in aging. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 3661.	3.0	25
41	Potential therapeutic effects of N-butylidenephthalide from <i>Radix Angelica Sinensis</i> (Danggui) in human bladder cancer cells. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 523.	3.7	24
42	Overlapping syndrome of MERRF and MELAS: molecular and neuroradiological studies. <i>Acta Neurologica Scandinavica</i> , 1993, 87, 494-498.	2.1	23
43	Adolescent toluene exposure produces enduring social and cognitive deficits in mice: An animal model of solvent-induced psychosis. <i>World Journal of Biological Psychiatry</i> , 2010, 11, 792-802.	2.6	23
44	Neuroprotection of Granulocyte Colony-Stimulating Factor for Early Stage Parkinson's Disease. <i>Cell Transplantation</i> , 2017, 26, 409-416.	2.5	22
45	Activation of NAG-1 via JNK signaling revealed an isochaiulactone-triggered cell death in human LNCaP prostate cancer cells. <i>BMC Cancer</i> , 2011, 11, 146.	2.6	19
46	Beneficial Effects of Calcitriol on Hypertension, Glucose Intolerance, Impairment of Endothelium-Dependent Vascular Relaxation, and Visceral Adiposity in Fructose-Fed Hypertensive Rats. <i>PLoS ONE</i> , 2015, 10, e0119843.	2.5	17
47	Age-dependent 6kb deletion in human liver mitochondrial DNA. <i>Biochemistry International</i> , 1992, 26, 457-68.	0.2	17
48	Prognostic Significance of Interaction Between Somatic APC Mutations and 5-Fluorouracil Adjuvant Chemotherapy in Taiwanese Colorectal Cancer Subjects. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2009, 32, 122-126.	1.3	16
49	Acute Alcohol Intoxication Aggravates Brain Injury Caused by Intracerebral Hemorrhage in Rats. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 15-25.	1.6	16
50	Therapeutic benefit of urocortin in rats with intracerebral hemorrhage. <i>Journal of Neurosurgery</i> , 2012, 116, 193-200.	1.6	15
51	Proteomic-based identification of multiple pathways underlying n-butylidenephthalide-induced apoptosis in LNCaP human prostate cancer cells. <i>Food and Chemical Toxicology</i> , 2013, 59, 281-288.	3.6	15
52	Granulocyte-Colony Stimulating Factor Increases Cerebral Blood Flow via a NO Surge Mediated by Akt/eNOS Pathway to Reduce Ischemic Injury. <i>Scientific World Journal</i> , The, 2015, 2015, 1-8.	2.1	15
53	Leigh syndrome associated with mitochondrial DNA 8993 T → G mutation and ragged-red fibers. <i>Pediatric Neurology</i> , 1996, 15, 72-75.	2.1	14
54	Mitochondrial dynamics in the mouse liver infected by <i>Schistosoma mansoni</i> . <i>Acta Tropica</i> , 2015, 148, 13-23.	2.0	14

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55	Over-Activated Proteasome Mediates Neuroinflammation on Acute Intracerebral Hemorrhage in Rats. <i>Cells</i> , 2019, 8, 1326.	4.1	14
56	Induction of endothelium-dependent constriction of mesenteric arteries in endotoxemic hypotensive shock. <i>British Journal of Pharmacology</i> , 2016, 173, 1179-1195.	5.4	13
57	Effect of deep brain stimulation on brain network and white matter integrity in Parkinson's disease. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 92-104.	3.9	13
58	Tissue mosaicism in the skeletal muscle and sural nerve biopsies in the MELAS syndrome. <i>Acta Neurologica Scandinavica</i> , 1999, 99, 125-129.	2.1	12
59	β -Catenin and K-Ras Mutations and RASSF1A Promoter Methylation in Taiwanese Colorectal Cancer Patients. <i>Genetic Testing and Molecular Biomarkers</i> , 2012, 16, 1277-1281.	0.7	12
60	High Prevalence of the COII/tRNA ^{Lys} Intergenic 9-bp Deletion in Mitochondrial DNA of Taiwanese Patients with MELAS or MERRF Syndrome. <i>Annals of the New York Academy of Sciences</i> , 2005, 1042, 82-87.	3.8	11
61	MELAS syndrome associated with a tandem duplication in the D-loop of mitochondrial DNA. <i>Acta Neurologica Scandinavica</i> , 2009, 93, 450-455.	2.1	11
62	Random mitotic segregation of mitochondrial DNA in MELAS syndrome. <i>Acta Neurologica Scandinavica</i> , 2009, 93, 198-202.	2.1	11
63	Anti-inflammatory effects of powdered product of Bu Yang Huan Wu decoction: Possible role in protecting against Transient Focal Cerebral Ischemia. <i>International Journal of Medical Sciences</i> , 2020, 17, 1854-1863.	2.5	11
64	Tyrosine kinase inhibitors modulate dendritic cell activity via confining c-Kit signaling and tryptophan metabolism. <i>International Immunopharmacology</i> , 2020, 82, 106357.	3.8	11
65	Type IV hyperlipoproteinemia and moderate instability of CAG triplet expansion in the androgen-receptor gene. <i>Acta Neurologica Scandinavica</i> , 2009, 92, 398-404.	2.1	9
66	Therapeutic effects of human urocortin-1, -2 and -3 in intracerebral hemorrhage of rats. <i>Neuropeptides</i> , 2015, 52, 89-96.	2.2	8
67	Interferon- β effects on complement activation and regulation in MS patients. <i>Acta Neurologica Scandinavica</i> , 2000, 101, 30-35.	2.1	7
68	Vision improvement in a Taiwanese (Han Chinese) family with Leber's hereditary optic neuropathy. <i>Kaohsiung Journal of Medical Sciences</i> , 2012, 28, 679-682.	1.9	7
69	Epigenetic Regulation Contributes to Urocortin-Enhanced Midbrain Dopaminergic Neuron Differentiation. <i>Stem Cells</i> , 2015, 33, 1601-1617.	3.2	7
70	The Role of Urocortins in Intracerebral Hemorrhage. <i>Biomolecules</i> , 2020, 10, 96.	4.0	7
71	G-CSF enhances the therapeutic potency of stem cells transplantation in spinal cord-injured rats. <i>Regenerative Medicine</i> , 2019, 14, 571-583.	1.7	6
72	Tissue distribution of mutant mitochondrial DNA in a patient with MERRF syndrome. , 1996, 19, 519-521.		5

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73	The Role of Intermittent Hypoxia on the Proliferative Inhibition of Rat Cerebellar Astrocytes. PLoS ONE, 2015, 10, e0132263.	2.5	5
74	Reduction of Motor Disorder in 6-OHDA-Induced Severe Parkinsonism Rats by Post Treatment with Granulocyte-Colony Stimulating Factor. Chinese Journal of Physiology, 2013, 56, 147-54.	1.0	5
75	A cohort study: The Association Between Autoimmune Disorders and Leptospirosis. Scientific Reports, 2020, 10, 3276.	3.3	4
76	Moderate Ethanol Pre-treatment Mitigates ICH-Induced Injury via ER Stress Modulation in Rats. Frontiers in Molecular Neuroscience, 2021, 14, 682775.	2.9	4
77	Decreased cellular respiratory function and mitochondrial DNA mutations in the human heart associated with ageing and disease. Heart, Lung and Circulation, 1997, 6, 197-204.	0.1	3
78	Brain Magnetic Resonance Imaging of Intracerebral Hemorrhagic Rats after Alcohol Consumption. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 3493-3502.	1.6	3
79	Delayed formation of hematomas with ethanol preconditioning in experimental intracerebral hemorrhage rats. Tzu Chi Medical Journal, 2018, 30, 5.	1.1	3
80	Letter Regarding Article by Shyu et al, "Functional Recovery of Stroke Rats Induced by Granulocyte Colony-Stimulating Factor-Stimulated Stem Cells". Circulation, 2005, 111, e297-8; author reply e297-8.	1.6	2
81	Leber's Hereditary Optic Neuropathy Associated with the m.10197G>A Mutation. Journal of Clinical & Experimental Ophthalmology, 2017, 08, .	0.1	2
82	Collagenase-Induced Rat Intra-Striatal Hemorrhage Mimicking Severe Human Intra-Striatal Hemorrhage. Chinese Journal of Physiology, 2017, 60, 259-266.	1.0	2
83	Granulocyte-colony stimulating factor reduces striatal dopamine accumulation caused by cerebral ischemia. Tzu Chi Medical Journal, 2012, 24, 181-185.	1.1	1
84	A Novel Mutation in the Mitochondrial 16S rRNA Gene in a Patient with MELAS Syndrome, Diabetes Mellitus, Hyperthyroidism and Cardiomyopathy. Journal of Biomedical Science, 2001, 8, 328-335.	7.0	1
85	Size-controllable striatal lesion model for evaluation of neuroprotective agents in rats. Tzu Chi Medical Journal, 2013, 25, 23-28.	1.1	0
86	Effects of oroxylin A in cerebral vascular tone regulation (841.3). FASEB Journal, 2014, 28, 841.3.	0.5	0