

Shu-Huei Kao

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,519
citations

218381

26
h-index

205818

48
g-index

57
all docs

57
docs citations

57
times ranked

3311
citing authors

#	ARTICLE	IF	CITATIONS
1	Increase of oxidative stress in human sperm with lower motility. <i>Fertility and Sterility</i> , 2008, 89, 1183-1190.	0.5	228
2	Mitochondrial Deoxyribonucleic Acid 4977-bp Deletion is Associated with Diminished Fertility and Motility of Human Sperm1. <i>Biology of Reproduction</i> , 1995, 52, 729-736.	1.2	177
3	Multiple deletions of mitochondrial DNA are associated with the decline of motility and fertility of human spermatozoa. <i>Molecular Human Reproduction</i> , 1998, 4, 657-666.	1.3	174
4	Mutations at the mitochondrial DNA polymerase (POLG) locus associated with male infertility. <i>Nature Genetics</i> , 2001, 29, 261-262.	9.4	173
5	Estrogen, Estrogen Receptor and Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1713.	1.8	138
6	Smoking-Associated Mitochondrial DNA Mutations and Lipid Peroxidation in Human Lung Tissues. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1998, 19, 901-909.	1.4	102
7	Repeated Ovarian Stimulations Induce Oxidative Damage and Mitochondrial DNA Mutations in Mouse Ovaries. <i>Annals of the New York Academy of Sciences</i> , 2005, 1042, 148-156.	1.8	87
8	Simultaneous Increase of Mitochondrial DNA Deletions and Lipid Peroxidation in Human Aging. <i>Annals of the New York Academy of Sciences</i> , 1996, 786, 24-43.	1.8	84
9	Mitochondrial Function in Modulating Human Granulosa Cell Steroidogenesis and Female Fertility. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3592.	1.8	73
10	Sperm mitochondrial DNA depletion in men with asthenospermia. <i>Fertility and Sterility</i> , 2004, 82, 66-73.	0.5	66
11	G-Protein Coupled Estrogen Receptor in Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 306.	1.8	64
12	Endocrine disruptor, dioxin (TCDD)-induced mitochondrial dysfunction and apoptosis in human trophoblast-like JAR cells. <i>Molecular Human Reproduction</i> , 2010, 16, 361-372.	1.3	61
13	Abnormal Mitochondrial Structure in Human Unfertilized Oocytes and Arrested Embryos. <i>Annals of the New York Academy of Sciences</i> , 2005, 1042, 177-185.	1.8	60
14	Tanshinone IIA from <i>Salvia miltiorrhiza</i> induces heme oxygenase-1 expression and inhibits lipopolysaccharide-induced nitric oxide expression in RAW 264.7 cells. <i>Mitochondrion</i> , 2007, 7, 101-105.	1.6	57
15	Expression of the pluripotent transcription factor OCT4 promotes cell migration in endometriosis. <i>Fertility and Sterility</i> , 2013, 99, 1332-1339.e5.	0.5	55
16	Phenytoin-mediated oxidative stress in serum of female epileptics: A possible pathogenesis in the fetal hydantoin syndrome. <i>Human and Experimental Toxicology</i> , 1997, 16, 177-181.	1.1	54
17	Estrogen receptor α in mitochondria: implications for mitochondrial bioenergetics and tumorigenesis. <i>Annals of the New York Academy of Sciences</i> , 2015, 1350, 52-60.	1.8	53
18	A Chemical Surface Modification of Chitosan by Glycoconjugates To Enhance the Cell \times Biomaterial Interaction. <i>Biomacromolecules</i> , 2003, 4, 224-231.	2.6	48

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19	Estrogen adversely affects the prognosis of patients with lung adenocarcinoma. <i>Cancer Science</i> , 2015, 106, 51-59.	1.7	48
20	Age-related 4,977 bp deletion in human lung mitochondrial DNA.. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1996, 154, 1141-1145.	2.5	43
21	Oxidative Damage and Mitochondrial DNA Mutations with Endometriosis. <i>Annals of the New York Academy of Sciences</i> , 2005, 1042, 186-194.	1.8	39
22	μ -(carboxymethyl) lysine-induced mitochondrial fission and mitophagy cause decreased insulin secretion from β -cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E829-E839.	1.8	39
23	Smoking-associated mitochondrial DNA mutations in human hair follicles. , 1997, 30, 47-55.		35
24	Increased 8-Hydroxy-2-Deoxyguanosine in Leukocyte DNA in Leber's Hereditary Optic Neuropathy. , 2004, 45, 1688.		35
25	Biomarkers of DNA damage in patients with end-stage renal disease: mitochondrial DNA mutation in hair follicles. <i>Nephrology Dialysis Transplantation</i> , 2001, 16, 561-565.	0.4	34
26	High-Dialysate-Glucose-Induced Oxidative Stress and Mitochondrial-Mediated Apoptosis in Human Peritoneal Mesothelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-12.	1.9	30
27	Abnormal Mitochondrial Function and Impaired Granulosa Cell Differentiation in Androgen Receptor Knockout Mice. <i>International Journal of Molecular Sciences</i> , 2015, 16, 9831-9849.	1.8	30
28	Mitochondrial translocation of estrogen receptor β affords resistance to oxidative insult-induced apoptosis and contributes to the pathogenesis of endometriosis. <i>Free Radical Biology and Medicine</i> , 2019, 134, 359-373.	1.3	30
29	Low-dose testosterone treatment decreases oxidative damage in TM3 Leydig cells. <i>Asian Journal of Andrology</i> , 2011, 13, 432-437.	0.8	29
30	Pyroloquinoline Quinone Resists Denervation-Induced Skeletal Muscle Atrophy by Activating PGC-1 α and Integrating Mitochondrial Electron Transport Chain Complexes. <i>PLoS ONE</i> , 2015, 10, e0143600.	1.1	27
31	Glycoxidative stress-induced mitophagy modulates mitochondrial fates. <i>Annals of the New York Academy of Sciences</i> , 2010, 1201, 1-7.	1.8	24
32	Changes in Mitochondrial Morphology and Bioenergetics in Human Lymphoblastoid Cells With Four Novel OPA1 Mutations. , 2015, 56, 2269.		24
33	Coenzyme Q10 serves to couple mitochondrial oxidative phosphorylation and fatty acid β -oxidation, and attenuates NLRP3 inflammasome activation. <i>Free Radical Research</i> , 2018, 52, 1445-1455.	1.5	23
34	A prevalent POLG CAG microsatellite length allele in humans and African great apes. <i>Mammalian Genome</i> , 2004, 15, 492-502.	1.0	22
35	Inflexibility of AMPK-mediated metabolic reprogramming in mitochondrial disease. <i>Oncotarget</i> , 2017, 8, 73627-73639.	0.8	22
36	Human Follicular Fluid Stimulates the Motility of Washed Human Sperm. <i>Archives of Andrology</i> , 1991, 26, 61-65.	1.0	20

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37	Celecoxib Induces Heme-Oxygenase Expression in Glomerular Mesangial Cells. <i>Annals of the New York Academy of Sciences</i> , 2005, 1042, 235-245.	1.8	20
38	Inhibition of Alternative Cancer Cell Metabolism of EGFR Mutated Non-Small Cell Lung Cancer Serves as a Potential Therapeutic Strategy. <i>Cancers</i> , 2020, 12, 181.	1.7	20
39	TCDD Induces the Hypoxia-Inducible Factor (HIF)-1 α Regulatory Pathway in Human Trophoblastic JAR Cells. <i>International Journal of Molecular Sciences</i> , 2014, 15, 17733-17750.	1.8	17
40	Pleural fluid osteopontin, vascular endothelial growth factor, and urokinase-type plasminogen activator levels as predictors of pleurodesis outcome and prognosticators in patients with malignant pleural effusion: a prospective cohort study. <i>BMC Cancer</i> , 2016, 16, 463.	1.1	17
41	Huntingtin-Associated Protein 1 Interacts with Breakpoint Cluster Region Protein to Regulate Neuronal Differentiation. <i>PLoS ONE</i> , 2015, 10, e0116372.	1.1	14
42	Pdia4 regulates β -cell pathogenesis in diabetes: molecular mechanism and targeted therapy. <i>EMBO Molecular Medicine</i> , 2021, 13, e11668.	3.3	13
43	N-Acetylcysteine-Mediated Antioxidation Prevents Hyperglycemia-Induced Apoptosis and Collagen Synthesis in Rat Mesangial Cells. <i>American Journal of Nephrology</i> , 2009, 29, 192-202.	1.4	12
44	Elevated IgM against N β -(Carboxyethyl)lysine-modified Apolipoprotein A1 peptide 141-147 in Taiwanese with Alzheimer's disease. <i>Clinical Biochemistry</i> , 2018, 56, 75-82.	0.8	12
45	Second primary lung cancers among breast cancer patients treated with anti-estrogens have a longer cancer-specific survival. <i>Anticancer Research</i> , 2015, 35, 1121-7.	0.5	12
46	ETF-QO Mutants Uncoupled Fatty Acid β -Oxidation and Mitochondrial Bioenergetics Leading to Lipid Pathology. <i>Cells</i> , 2019, 8, 106.	1.8	11
47	Expression of AHI1 Rescues Amyloidogenic Pathology in Alzheimer's Disease Model Cells. <i>Molecular Neurobiology</i> , 2019, 56, 7572-7582.	1.9	10
48	Ganglioside Hp-s1 Analogue Inhibits Amyloidogenic Toxicity in Alzheimer's Disease Model Cells. <i>ACS Chemical Neuroscience</i> , 2019, 10, 528-536.	1.7	10
49	Polyglycolic acid/chitosan glue and apoptosis of endometriotic cells. <i>Fertility and Sterility</i> , 2005, 84, 75-81.	0.5	8
50	Serum levels of 4-hydroxynonenal adducts and responding autoantibodies correlate with the pathogenesis from hyperglycemia to Alzheimer's disease. <i>Clinical Biochemistry</i> , 2022, 101, 26-34.	0.8	7
51	Ageing-associated large-scale deletions of mitochondrial DNA in human hair follicles. <i>IUBMB Life</i> , 1997, 42, 285-298.	1.5	6
52	Reduction of AHI1 in the serum of Taiwanese with probable Alzheimer's disease. <i>Clinical Biochemistry</i> , 2020, 76, 24-30.	0.8	6
53	Clinical outcomes of chemical pleurodesis using a minocycline. <i>Therapeutic Advances in Respiratory Disease</i> , 2019, 13, 175346661984123.	1.0	5
54	The Inflammatory Cytokine Profile of Patients with Malignant Pleural Effusion Treated with Pleurodesis. <i>Journal of Clinical Medicine</i> , 2020, 9, 4010.	1.0	5

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55	Calcium-dependent up-regulation of mitochondrial electron transfer chain gene expressions in human luteinized granulosa cells. <i>Fertility and Sterility</i> , 2005, 84, 1104-1108.	0.5	4
56	Genetic Association in the Maintenance of the Mitochondrial Microenvironment and Sperm Capacity. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	1.9	2
57	EL-004 Osteopontin in endometriosis. <i>Reproductive BioMedicine Online</i> , 2008, 16, S-42.	1.1	0