

Ying-Hsien Kao

List of Publications by Year in descending order

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89
papers

2,403
citations

201385

27
h-index

233125

45
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89
all docs

89
docs citations

89
times ranked

3756
citing authors

#	ARTICLE	IF	CITATIONS
1	Adipose-derived mesenchymal stem cells markedly attenuate brain infarct size and improve neurological function in rats. <i>Journal of Translational Medicine</i> , 2010, 8, 63.	1.8	192
2	Helium-Neon Laser Irradiation Stimulates Migration and Proliferation in Melanocytes and Induces Repigmentation in Segmental-Type Vitiligo. <i>Journal of Investigative Dermatology</i> , 2003, 120, 56-64.	0.3	146
3	Autologous Transplantation of Adipose-Derived Mesenchymal Stem Cells Markedly Reduced Acute Ischemia-Reperfusion Lung Injury in a Rodent Model. <i>Journal of Translational Medicine</i> , 2011, 9, 118.	1.8	127
4	Low Concentrations of Arsenic Induce Vascular Endothelial Growth Factor and Nitric Oxide Release and Stimulate Angiogenesis In Vitro. <i>Chemical Research in Toxicology</i> , 2003, 16, 460-468.	1.7	92
5	Annonacin, a mono-tetrahydrofuran acetogenin, arrests cancer cells at the G1 phase and causes cytotoxicity in a Bax- and caspase-3-related pathway. <i>Life Sciences</i> , 2003, 72, 2853-2861.	2.0	90
6	Systemic combined melatonin-mitochondria treatment improves acute respiratory distress syndrome in the rat. <i>Journal of Pineal Research</i> , 2015, 58, 137-150.	3.4	81
7	Systemic administration of autologous adipose-derived mesenchymal stem cells alleviates hepatic ischemia-reperfusion injury in rats. <i>Critical Care Medicine</i> , 2012, 40, 1279-1290.	0.4	67
8	Melatonin blocks oxidative stress-induced increased asymmetric dimethylarginine. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1088-1098.	1.3	60
9	Early Combined Treatment with Cilostazol and Bone Marrow-Derived Endothelial Progenitor Cells Markedly Attenuates Pulmonary Arterial Hypertension in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 330, 718-726.	1.3	59
10	Benefit of combined extracorporeal shock wave and bone marrow-derived endothelial progenitor cells in protection against critical limb ischemia in rats*. <i>Critical Care Medicine</i> , 2012, 40, 169-177.	0.4	58
11	Propofol pretreatment attenuates LPS-induced granulocyte-macrophage colony-stimulating factor production in cultured hepatocytes by suppressing MAPK/ERK activity and NF- κ B translocation. <i>Toxicology and Applied Pharmacology</i> , 2008, 229, 362-373.	1.3	55
12	T-Cell Autophagy Deficiency Increases Mortality and Suppresses Immune Responses after Sepsis. <i>PLoS ONE</i> , 2014, 9, e102066.	1.1	52
13	High glucose activates Raw264.7 macrophages through RhoA kinase-mediated signaling pathway. <i>Cellular Signalling</i> , 2015, 27, 283-292.	1.7	51
14	Sildenafil Limits Monocrotaline-Induced Pulmonary Hypertension in Rats Through Suppression of Pulmonary Vascular Remodeling. <i>Journal of Cardiovascular Pharmacology</i> , 2010, 55, 574-584.	0.8	46
15	Upregulation of hepatoma-derived growth factor is involved in murine hepatic fibrogenesis. <i>Journal of Hepatology</i> , 2010, 52, 96-105.	1.8	43
16	Toll-like receptor-4 is a target for suppression of proliferation and chemoresistance in HepG2 hepatoblastoma cells. <i>Cancer Letters</i> , 2015, 368, 144-152.	3.2	43
17	Norcantharidin induces apoptosis of breast cancer cells: Involvement of activities of mitogen activated protein kinases and signal transducers and activators of transcription. <i>Toxicology in Vitro</i> , 2011, 25, 699-707.	1.1	42
18	Effects and Interactions of Low Doses of Arsenic and UVB on Keratinocyte Apoptosis. <i>Chemical Research in Toxicology</i> , 2004, 17, 1199-1205.	1.7	36

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19	Early combined treatment with sildenafil and adipose-derived mesenchymal stem cells preserves heart function in rat dilated cardiomyopathy. <i>Journal of Translational Medicine</i> , 2010, 8, 88.	1.8	36
20	Methylglyoxal, a reactive glucose metabolite, enhances autophagy flux and suppresses proliferation of human retinal pigment epithelial ARPE-19 cells. <i>Toxicology in Vitro</i> , 2015, 29, 1358-1368.	1.1	36
21	Geldanamycin, a HSP90 inhibitor, attenuates the hypoxia-induced vascular endothelial growth factor expression in retinal pigment epithelium cells in vitro. <i>Experimental Eye Research</i> , 2007, 85, 721-731.	1.2	35
22	Combination of cyclosporine and erythropoietin improves brain infarct size and neurological function in rats after ischemic stroke. <i>Journal of Translational Medicine</i> , 2011, 9, 141.	1.8	34
23	All-trans retinoic acid remodels extracellular matrix and suppresses laminin-enhanced contractility of cultured human retinal pigment epithelial cells. <i>Experimental Eye Research</i> , 2009, 88, 900-909.	1.2	32
24	Involvement of the nuclear high mobility group B1 peptides released from injured hepatocytes in murine hepatic fibrogenesis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1720-1732.	1.8	31
25	Lipopolysaccharides induce Smad2 phosphorylation through PI3K/Akt and MAPK cascades in HSC-T6 hepatic stellate cells. <i>Life Sciences</i> , 2017, 184, 37-46.	2.0	29
26	Neocarzinostatin induces Mre11 phosphorylation and focus formation through an ATM- and NBS1-dependent mechanism. <i>Toxicology</i> , 2002, 177, 123-130.	2.0	28
27	MiR-30a-5p Inhibits Epithelial-to-Mesenchymal Transition and Upregulates Expression of Tight Junction Protein Claudin-5 in Human Upper Tract Urothelial Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1826.	1.8	28
28	A Comparative Study of Effects of Antiproliferative Drugs on Human Retinal Pigment Epithelial Cells in Vitro. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2002, 18, 251-264.	0.6	27
29	Sitagliptin therapy enhances the number of circulating angiogenic cells and angiogenesisâ€™ evaluations in vitro and in the rat critical limb ischemia model. <i>Cytotherapy</i> , 2013, 15, 1148-1163.	0.3	27
30	High mobility group B1 up-regulates angiogenic and fibrogenic factors in human retinal pigment epithelial ARPE-19 cells. <i>Cellular Signalling</i> , 2017, 40, 248-257.	1.7	27
31	Simvastatin attenuates the additive effects of TNF-Î± and IL-18 on the connexin 43 up-regulation and over-proliferation of cultured aortic smooth muscle cells. <i>Cytokine</i> , 2013, 62, 341-351.	1.4	26
32	Cobalt chloride induces RhoA/ROCK activation and remodeling effect in H9c2 cardiomyoblasts: Involvement of PI3K/Akt and MAPK pathways. <i>Cellular Signalling</i> , 2017, 36, 25-33.	1.7	26
33	BMP-2 restoration aids in recovery from liver fibrosis by attenuating TGF-Î²1 signaling. <i>Laboratory Investigation</i> , 2018, 98, 999-1013.	1.7	25
34	Tissue plasminogen activator enhances mobilization of endothelial progenitor cells and angiogenesis in murine limb ischemia. <i>International Journal of Cardiology</i> , 2013, 168, 226-236.	0.8	23
35	Free Fatty Acids Induce Autophagy and LOXâ€™1 Upregulation in Cultured Aortic Vascular Smooth Muscle Cells. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1249-1261.	1.2	22
36	DNA Repair Protein Rad51 Induces Tumor Growth and Metastasis in Esophageal Squamous Cell Carcinoma via a p38/Akt-Dependent Pathway. <i>Annals of Surgical Oncology</i> , 2020, 27, 2090-2101.	0.7	21

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37	Effect of Indocyanine Green on the Growth and Viability of Cultured Human Retinal Pigment Epithelial Cells. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2004, 20, 353-362.	0.6	20
38	Geldanamycin and its analog induce cytotoxicity in cultured human retinal pigment epithelial cells. <i>Experimental Eye Research</i> , 2010, 91, 211-219.	1.2	20
39	Shock Wave-Pre-treated Bone Marrow Cells Further Improve Left Ventricular Function After Myocardial Infarction in Rabbits. <i>Annals of Vascular Surgery</i> , 2010, 24, 809-821.	0.4	20
40	A DC-81-indole conjugate agent suppresses melanoma A375 cell migration partially via interrupting VEGF production and stromal cell-derived factor-1 α -mediated signaling. <i>Toxicology and Applied Pharmacology</i> , 2011, 255, 150-159.	1.3	20
41	Progesterone receptor is involved in 2,3,7,8-tetrachlorodibenzo-p-dioxin-stimulated breast cancer cells proliferation. <i>Cancer Letters</i> , 2012, 319, 223-231.	3.2	20
42	Melatonin regulates L-arginine transport and NADPH oxidase in young rats with bile duct ligation: role of protein kinase C. <i>Pediatric Research</i> , 2013, 73, 395-401.	1.1	20
43	The effects of anti-histone H1 antibody on immune cells responsible for rejection reaction. <i>Molecular Immunology</i> , 2005, 42, 1155-1164.	1.0	19
44	Experimental and Clinical Significance of Antinuclear Antibodies in Liver Transplantation. <i>Transplantation</i> , 2007, 83, 1122-1125.	0.5	19
45	Immunological role of indoleamine 2,3-dioxygenase in rat liver allograft rejection and tolerance. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2008, 23, e243-50.	1.4	19
46	Enhanced PKC δ and ERK Signaling Mediate Cell Migration of Retinal Pigment Epithelial Cells Synergistically Induced by HGF and EGF. <i>PLoS ONE</i> , 2012, 7, e44937.	1.1	17
47	Propylthiouracil Attenuates Monocrotaline-Induced Pulmonary Arterial Hypertension in Rats. <i>Circulation Journal</i> , 2009, 73, 1722-1730.	0.7	16
48	Immunosuppressive activity of serum taken from a liver transplant recipient after withdrawal of immunosuppressants. <i>Transplant Immunology</i> , 2007, 17, 137-146.	0.6	15
49	Pleiotropic role of atorvastatin in regulation of human retinal pigment epithelial cell behaviors in vitro. <i>Experimental Eye Research</i> , 2011, 93, 842-851.	1.2	15
50	Impact of vaccine therapy using nuclear histone H1 on allograft survival in experimental organ transplantation. <i>Transplant Immunology</i> , 2007, 17, 147-152.	0.6	14
51	Early Erythropoietin Therapy Attenuates Remodeling and Preserves Function of Left Ventricle in Porcine Myocardial Infarction. <i>Journal of Investigative Medicine</i> , 2011, 59, 574-586.	0.7	14
52	Intra-coronary administration of tacrolimus markedly attenuates infarct size and preserves heart function in porcine myocardial infarction. <i>Journal of Inflammation</i> , 2012, 9, 21.	1.5	14
53	Continuing Exposure to Low-Dose Nonylphenol Aggravates Adenine-Induced Chronic Renal Dysfunction and Role of Rosuvastatin Therapy. <i>Journal of Translational Medicine</i> , 2012, 10, 147.	1.8	14
54	Propofol-enhanced autophagy increases motility and angiogenic capacity of cultured human umbilical vascular endothelial cells. <i>Life Sciences</i> , 2015, 142, 49-59.	2.0	14

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55	Norcantharidin induces apoptosis in human prostate cancer cells through both intrinsic and extrinsic pathways. <i>Pharmacological Reports</i> , 2016, 68, 874-880.	1.5	14
56	Up-Regulation of Nerve Growth Factor in Cholestatic Livers and Its Hepatoprotective Role against Oxidative Stress. <i>PLoS ONE</i> , 2014, 9, e112113.	1.1	13
57	Nerve growth factor upregulates sirtuin 1 expression in cholestasis: a potential therapeutic target. <i>Experimental and Molecular Medicine</i> , 2018, 50, e426-e426.	3.2	13
58	Butein induces apoptotic cell death of human cervical cancer cells. <i>Oncology Letters</i> , 2018, 16, 6615-6623.	0.8	13
59	High concentration of magnolol induces hepatotoxicity under serum-reduced conditions. <i>Phytomedicine</i> , 2010, 17, 469-474.	2.3	12
60	Bone Marrow Cells Reduce Fibrogenesis and Enhance Regeneration in Fibrotic Rat Liver. <i>Journal of Surgical Research</i> , 2011, 169, e15-e26.	0.8	12
61	Monounsaturated oleic acid modulates autophagy flux and upregulates angiogenic factor production in human retinal pigment epithelial ARPE-19 cells. <i>Life Sciences</i> , 2020, 259, 118391.	2.0	11
62	Ets-1 enhances tumor migration through regulation of CCR7 expression. <i>BMB Reports</i> , 2019, 52, 548-553.	1.1	10
63	Toll-like receptor 4 agonist inhibits motility and invasion of hepatoblastoma HepG2 cells in vitro. <i>Pediatric Blood and Cancer</i> , 2013, 60, 248-253.	0.8	9
64	All-trans retinoic acid suppresses the adhering ability of ARPE-19 cells via mitogen-activated protein kinase and focal adhesion kinase. <i>Journal of Pharmacological Sciences</i> , 2016, 132, 262-270.	1.1	9
65	Myocardium-derived conditioned medium improves left ventricular function in rodent acute myocardial infarction. <i>Journal of Translational Medicine</i> , 2011, 9, 11.	1.8	8
66	Tumor Marker Detection by Aptamer-Functionalized Graphene Oxide. <i>Current Organic Chemistry</i> , 2013, 17, 132-136.	0.9	8
67	Cyclic mechanical stretch up-regulates hepatoma-derived growth factor expression in cultured rat aortic smooth muscle cells. <i>Bioscience Reports</i> , 2018, 38, .	1.1	8
68	Infusion of Human Mesenchymal Stem Cells Improves Regenerative Niche in Thioacetamide-Injured Mouse Liver. <i>Tissue Engineering and Regenerative Medicine</i> , 2020, 17, 671-682.	1.6	8
69	Triamcinolone acetonide modulates TGF- β 2-induced angiogenic and tissue remodeling effects in cultured human retinal pigment epithelial cells. <i>Molecular Medicine Reports</i> , 2021, 24, .	1.1	8
70	Serum factors potentiate hypoxia-induced hepatotoxicity in vitro through increasing transforming growth factor- β 1 activation and release. <i>Cytokine</i> , 2009, 47, 11-22.	1.4	7
71	Pharmacological implications from the adhesion-induced signaling profiles in cultured human retinal pigment epithelial cells. <i>Kaohsiung Journal of Medical Sciences</i> , 2014, 30, 1-11.	0.8	7
72	The Cell Cycle Distribution of Cultured Human Retinal Pigmented Epithelial Cells Under Exposure of Anti-Proliferative Drugs. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2003, 19, 83-90.	0.6	6

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73	Transcriptome analysis reveals a positive role for nerve growth factor in retinol metabolism in primary rat hepatocytes. <i>Cytokine</i> , 2018, 107, 74-78.	1.4	6
74	Nerve growth factor induced farnesoid X receptor upregulation modulates autophagy flux and protects hepatocytes in cholestatic livers. <i>Archives of Biochemistry and Biophysics</i> , 2020, 682, 108281.	1.4	6
75	Heat preconditioning ameliorates hepatocyte viability after cold preservation and rewarming, and modulates its immunoactivity. <i>Transplant Immunology</i> , 2008, 18, 220-231.	0.6	5
76	Enhanced Expression of Plasminogen Activator Inhibitor May Prevent Cardiac Rupture in Female and Castrated Mice After Myocardial Infarction. <i>Gender Medicine</i> , 2011, 8, 239-251.	1.4	5
77	Hepatoma-derived growth factor enhances osteoblastic transformation of rat aortic vascular smooth muscle cells in vitro. <i>Life Sciences</i> , 2020, 256, 117964.	2.0	5
78	MiR-26a-5p as a useful therapeutic target for upper tract urothelial carcinoma by regulating WNT5A/ β -catenin signaling. <i>Scientific Reports</i> , 2022, 12, 6955.	1.6	5
79	The effects of suplatast tosilate (IPD-1151T) on innate immunity and antigen-presenting cells. <i>Transplant Immunology</i> , 2007, 18, 108-114.	0.6	4
80	EpCAM Induction Functionally Links to the Wnt-Enhanced Cell Proliferation in Human Keratinocytes. <i>Cell Transplantation</i> , 2014, 23, 1031-1044.	1.2	4
81	MicroRNA-100 Mediates Hydrogen Peroxide-Induced Apoptosis of Human Retinal Pigment Epithelium ARPE-19 Cells. <i>Pharmaceuticals</i> , 2021, 14, 314.	1.7	4
82	The immunological role of lipid transfer/metabolic proteins in liver transplantation tolerance. <i>Transplant Immunology</i> , 2007, 17, 130-136.	0.6	3
83	Anti-endothelial cell IgG from patients with chronic arsenic poisoning induces endothelial proliferation and VEGF-dependent angiogenesis. <i>Microvascular Research</i> , 2008, 76, 194-201.	1.1	3
84	Dopamine impairs functional integrity of rat hepatocytes through nuclear factor kappa B activity modulation: An in vivo, ex vivo, and in vitro study. <i>Liver Transplantation</i> , 2015, 21, 1520-1532.	1.3	3
85	Proper BMP Signaling Levels Are Essential for 3D Assembly of Hepatic Cords from Hepatoblasts and Mesenchymal Cells. <i>Digestive Diseases and Sciences</i> , 2015, 60, 3669-3680.	1.1	3
86	Dexamethasone restores transforming growth factor- β 2 activated kinase 1 expression and phagocytosis activity of Kupffer cells in cholestatic liver injury. <i>International Immunopharmacology</i> , 2018, 56, 310-319.	1.7	3
87	Oxidized low-density lipoprotein induced hepatoma-derived growth factor upregulation mediates foam cell formation of cultured rat aortic vascular smooth muscle cells. <i>European Journal of Cell Biology</i> , 2021, 100, 151169.	1.6	3
88	The effects of UVB and arsenic and their interaction on β 2-adrenergic receptors in cultured keratinocytes. <i>Archives of Dermatological Research</i> , 2001, 293, 427-429.	1.1	1
89	Targeting mTOR-CCL20 Signaling May Improve Response to Docetaxel in Head and Neck Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3046.	1.8	1