

Hsing-Chun Kuo

List of Publications by Year in descending order

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64
papers

2,073
citations

201674

27
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254184

43
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66
all docs

66
docs citations

66
times ranked

2965
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction apoptosis of luteolin in human hepatoma HepG2 cells involving mitochondria translocation of Bax/Bak and activation of JNK. <i>Toxicology and Applied Pharmacology</i> , 2005, 203, 124-131.	2.8	146
2	Berberine induces apoptosis in SW620 human colonic carcinoma cells through generation of reactive oxygen species and activation of JNK/p38 MAPK and FasL. <i>Archives of Toxicology</i> , 2007, 81, 719-728.	4.2	138
3	Baicalein inhibits the migration and invasive properties of human hepatoma cells. <i>Toxicology and Applied Pharmacology</i> , 2011, 255, 316-326.	2.8	103
4	Inhibitory effect of caffeic acid phenethyl ester on the growth of C6 glioma cells in vitro and in vivo. <i>Cancer Letters</i> , 2006, 234, 199-208.	7.2	91
5	Protective Effects of <i>Hericium erinaceus</i> Mycelium and Its Isolated Erinacine A against Ischemia-Injury-Induced Neuronal Cell Death via the Inhibition of iNOS/p38 MAPK and Nitrotyrosine. <i>International Journal of Molecular Sciences</i> , 2014, 15, 15073-15089.	4.1	86
6	Berberine enhances inhibition of glioma tumor cell migration and invasiveness mediated by arsenic trioxide. <i>BMC Cancer</i> , 2008, 8, 58.	2.6	75
7	Resistin-induced stromal cell-derived factor-1 expression through Toll-like receptor 4 and activation of p38 MAPK/ NF κ B signaling pathway in gastric cancer cells. <i>Journal of Biomedical Science</i> , 2014, 21, 59.	7.0	69
8	Identification of an Association Between Genomic Hypomethylation of <i>FCGR2A</i> and Susceptibility to Kawasaki Disease and Intravenous Immunoglobulin Resistance by DNA Methylation Array. <i>Arthritis and Rheumatology</i> , 2015, 67, 828-836.	5.6	63
9	Upregulation of TLRs and IL-6 as a Marker in Human Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2015, 16, 159-177.	4.1	61
10	Enhancement of esculetin on Taxol-induced apoptosis in human hepatoma HepG2 cells. <i>Toxicology and Applied Pharmacology</i> , 2006, 210, 55-62.	2.8	58
11	MicroRNA-29a is a key regulon that regulates BRD4 and mitigates liver fibrosis in mice by inhibiting hepatic stellate cell activation. <i>International Journal of Medical Sciences</i> , 2019, 16, 212-220.	2.5	46
12	Genome-Wide Association Study Identifies Novel Susceptibility Genes Associated with Coronary Artery Aneurysm Formation in Kawasaki Disease. <i>PLoS ONE</i> , 2016, 11, e0154943.	2.5	45
13	Magnolol protects neurons against ischemia injury via the downregulation of p38/MAPK, CHOP and nitrotyrosine. <i>Toxicology and Applied Pharmacology</i> , 2014, 279, 294-302.	2.8	44
14	Proteomic analysis of the effects of baicalein on colorectal cancer cells. <i>Proteomics</i> , 2012, 12, 810-819.	2.2	43
15	Global Proteomic Analysis of Brain Tissues in Transient Ischemia Brain Damage in Rats. <i>International Journal of Molecular Sciences</i> , 2015, 16, 11873-11891.	4.1	38
16	Anti-inflammatory effect of resveratrol in human coronary arterial endothelial cells via induction of autophagy: implication for the treatment of Kawasaki disease. <i>BMC Pharmacology & Toxicology</i> , 2017, 18, 3.	2.4	38
17	MicroRNA-29a Disrupts DNMT3b to Ameliorate Diet-Induced Non-Alcoholic Steatohepatitis in Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1499.	4.1	37
18	Homocysteine induces smooth muscle cell proliferation through differential regulation of cyclins A and D1 expression. <i>Journal of Cellular Physiology</i> , 2011, 226, 1017-1026.	4.1	36

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19	Stromal cell-derived factor-1/CXC receptor 4 and β 1 integrin interaction regulates urokinase-type plasminogen activator expression in human colorectal cancer cells. <i>Journal of Cellular Physiology</i> , 2012, 227, 1114-1122.	4.1	35
20	Enhancement of caffeic acid phenethyl ester on all-trans retinoic acid-induced differentiation in human leukemia HL-60 cells. <i>Toxicology and Applied Pharmacology</i> , 2006, 216, 80-88.	2.8	33
21	A Comparative Proteomic Analysis of Erinacine A's Inhibition of Gastric Cancer Cell Viability and Invasiveness. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 195-208.	1.6	33
22	Major methylation alterations on the CpG markers of inflammatory immune associated genes after IVIG treatment in Kawasaki disease. <i>BMC Medical Genomics</i> , 2016, 9, 37.	1.5	32
23	Inhibitory effect of Erinacines A on the growth of DLD-1 colorectal cancer cells is induced by generation of reactive oxygen species and activation of p70S6K and p21. <i>Journal of Functional Foods</i> , 2016, 21, 474-484.	3.4	31
24	Expression of PRDX6 Correlates with Migration and Invasiveness of Colorectal Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 2616-2630.	1.6	31
25	A proteomics approach to identifying novel protein targets involved in erinacine A-mediated inhibition of colorectal cancer cells' aggressiveness. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 588-599.	3.6	30
26	Hepcidin-Induced Iron Deficiency Is Related to Transient Anemia and Hypoferremia in Kawasaki Disease Patients. <i>International Journal of Molecular Sciences</i> , 2016, 17, 715.	4.1	29
27	CIL-102-Induced Cell Cycle Arrest and Apoptosis in Colorectal Cancer Cells via Upregulation of p21 and GADD45. <i>PLoS ONE</i> , 2017, 12, e0168989.	2.5	28
28	HAMP promoter hypomethylation and increased hepcidin levels as biomarkers for Kawasaki disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 117, 82-87.	1.9	27
29	Activation of neutral-sphingomyelinase, MAPKs, and p75 NTR-mediated caffeic acid phenethyl ester-induced apoptosis in C6 glioma cells. <i>Journal of Biomedical Science</i> , 2014, 21, 61.	7.0	26
30	Interleukin-17 induces CC chemokine receptor 6 expression and cell migration in colorectal cancer cells. <i>Journal of Cellular Physiology</i> , 2015, 230, 1430-1437.	4.1	26
31	CXC chemokine ligand 12/Stromal cell-derived factor-1 regulates cell adhesion in human colon cancer cells by induction of intercellular adhesion molecule-1. <i>Journal of Biomedical Science</i> , 2012, 19, 91.	7.0	24
32	The Association of CXC Receptor 4 Mediated Signaling Pathway with Oxaliplatin-Resistant Human Colorectal Cancer Cells. <i>PLoS ONE</i> , 2016, 11, e0159927.	2.5	24
33	Use of Proteomic Differential Displays to Assess Functional Discrepancies and Adjustments of Human Bone Marrow- and Wharton Jelly-Derived Mesenchymal Stem Cells. <i>Journal of Proteome Research</i> , 2011, 10, 1305-1315.	3.7	23
34	Glycyrrhizin Represses Total Parenteral Nutrition-Associated Acute Liver Injury in Rats by Suppressing Endoplasmic Reticulum Stress. <i>International Journal of Molecular Sciences</i> , 2013, 14, 12563-12580.	4.1	23
35	Induction Apoptosis of Erinacine A in Human Colorectal Cancer Cells Involving the Expression of TNFR, Fas, and Fas Ligand via the JNK/p300/p50 Signaling Pathway With Histone Acetylation. <i>Frontiers in Pharmacology</i> , 2019, 10, 1174.	3.5	22
36	Post-Treatment with Erinacine A, a Derived Diterpenoid of <i>H. erinaceus</i> , Attenuates Neurotoxicity in MPTP Model of Parkinson's Disease. <i>Antioxidants</i> , 2020, 9, 137.	5.1	21

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37	Enzymatic degradation of ginkgolic acids by laccase immobilized on core/shell Fe ₃ O ₄ /nylon composite nanoparticles using novel coaxial electro spraying process. <i>International Journal of Biological Macromolecules</i> , 2021, 172, 270-280.	7.5	20
38	Fulvic acid attenuates homocysteine-induced cyclooxygenase-2 expression in human monocytes. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 61.	3.7	19
39	Enhanced antioxidant activity of <i>Chenopodium formosanum</i> Koidz. by lactic acid bacteria: Optimization of fermentation conditions. <i>PLoS ONE</i> , 2021, 16, e0249250.	2.5	18
40	Differential Regulation of Human Aortic Smooth Muscle Cell Proliferation by Monocyte-Derived Macrophages from Diabetic Patients. <i>PLoS ONE</i> , 2014, 9, e113752.	2.5	17
41	The inhibitory effect of CIL-102 on the growth of human astrocytoma cells is mediated by the generation of reactive oxygen species and induction of ERK1/2 MAPK. <i>Toxicology and Applied Pharmacology</i> , 2012, 263, 73-80.	2.8	16
42	Exploring the effects of tert-butylhydroperoxide induced liver injury using proteomic approach. <i>Toxicology</i> , 2014, 316, 61-70.	4.2	16
43	Type II Collagen from Cartilage of <i>Acipenser baerii</i> Promotes Wound Healing in Human Dermal Fibroblasts and in Mouse Skin. <i>Marine Drugs</i> , 2020, 18, 511.	4.6	14
44	Improving Device Characteristics of Dual-Gate IGZO Thin-Film Transistors with Ar ⁺ O ₂ Mixed Plasma Treatment and Rapid Thermal Annealing. <i>Membranes</i> , 2022, 12, 49.	3.0	14
45	Quantitative proteomic analysis of the inhibitory effects of CIL-102 on viability and invasiveness in human glioma cells. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 579-590.	2.8	13
46	Upregulation of Bone Morphogenetic Protein-2 Synthesis and Consequent Collagen II Expression in Leptin-stimulated Human Chondrocytes. <i>PLoS ONE</i> , 2015, 10, e0144252.	2.5	13
47	Protective Effects of Morus Root Extract (MRE) Against Lipopolysaccharide-Activated RAW264.7 Cells and CCl ₄ -Induced Mouse Hepatic Damage. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 1376-1388.	1.6	13
48	2D-DIGE-MS Proteomics Approaches for Identification of Gelsolin and Peroxiredoxin 4 with Lymph Node Metastasis in Colorectal Cancer. <i>Cancers</i> , 2022, 14, 3189.	3.7	12
49	Proteomic analysis of plasma from rats following total parenteral nutrition-induced liver injury. <i>Proteomics</i> , 2015, 15, 3865-3874.	2.2	11
50	Sterol Regulatory Element-Binding Protein-1c Regulates Inflammasome Activation in Gingival Fibroblasts Infected with High-Glucose-Treated <i>Porphyromonas gingivalis</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 195.	3.9	10
51	Moniliformediquinone as a potential therapeutic agent, inactivation of hepatic stellate cell and inhibition of liver fibrosis in vivo. <i>Journal of Translational Medicine</i> , 2016, 14, 263.	4.4	10
52	Novel regulator role of CIL-102 in the epigenetic modification of TNFR1/TRAIL to induce cell apoptosis in human gastric cancer. <i>Food and Chemical Toxicology</i> , 2021, 147, 111856.	3.6	9
53	Apoptotic mechanisms of gastric cancer cells induced by isolated erinacine S through epigenetic histone H3 methylation of FasL and TRAIL. <i>Food and Function</i> , 2021, 12, 3455-3468.	4.6	9
54	Correlation of HAMP gene polymorphisms and expression with the susceptibility and length of hospital stays in Taiwanese children with Kawasaki disease. <i>Oncotarget</i> , 2017, 8, 51859-51868.	1.8	8

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55	Protective effect of black garlic extracts on tert-Butyl hydroperoxide-induced injury in hepatocytes via a c-Jun N-terminal kinase-dependent mechanism. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 2468-2474.	1.8	7
56	Neuron-Microglia Contacts Govern the PGE2 Tolerance through TLR4-Mediated de Novo Protein Synthesis. <i>Biomedicines</i> , 2022, 10, 419.	3.2	7
57	Prescription patterns of traditional Chinese medicine amongst Taiwanese children: a population-based cohort study. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 191.	3.7	6
58	Ailanthoidol, a Neolignan, Suppresses TGF- β 1-Induced HepG2 Hepatoblastoma Cell Progression. <i>Biomedicines</i> , 2021, 9, 1110.	3.2	6
59	Identification of Two Novel CIL-102 Upregulations of ERP29 and FUMH to Inhibit the Migration and Invasiveness of Colorectal Cancer Cells by Using the Proteomic Approach. <i>Biomolecules</i> , 2021, 11, 1280.	4.0	6
60	Ganoderma formosanum Exopolysaccharides Inhibit Tumor Growth via Immunomodulation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11251.	4.1	6
61	Comparative Proteomic Identification of Protein Disulphide Isomerase A6 Associated with Tert-Butylhydroperoxide-Induced Liver Injury in Rat Hepatocytes. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 1915-1926.	1.6	5
62	Suppression of the Proliferation of Huh7 Hepatoma Cells Involving the Downregulation of Mutant p53 Protein and Inactivation of the STAT 3 Pathway with Ailanthoidol. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5102.	4.1	5
63	Shear Stress Modulates Resistin-Induced CC Chemokine Ligand 19 Expression in Human Aortic Endothelial Cells. <i>Journal of Cellular Physiology</i> , 2015, 230, 2120-2127.	4.1	4
64	Properties of N-Type GaN Thin Film with Si-Ti Codoping on a Glass Substrate. <i>Crystals</i> , 2020, 10, 582.	2.2	4