

Jie Liu

List of Publications by Year in descending order

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101
papers

8,243
citations

94381

37
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46771

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107
all docs

107
docs citations

107
times ranked

9565
citing authors

#	ARTICLE	IF	CITATIONS
1	Manganese Intoxication Recovery and the Expression Changes of Park2/Parkin in Rats. <i>Neurochemical Research</i> , 2022, 47, 897-906.	1.6	3
2	A gene expression biomarker for predictive toxicology to identify chemical modulators of NF- κ B. <i>PLoS ONE</i> , 2022, 17, e0261854.	1.1	6
3	GC-MS Profile of Hua-Feng-Dan and RNA-Seq Analysis of Induced Adaptive Responses in the Liver. <i>Frontiers in Pharmacology</i> , 2022, 13, 730318.	1.6	2
4	Sex-, Age-, and Race/Ethnicity-Dependent Variations in Drug-Processing and NRF2-Regulated Genes in Human Livers. <i>Drug Metabolism and Disposition</i> , 2021, 49, 111-119.	1.7	13
5	Zuotai (I^2 -HgS)-containing 70 Wei Zhen-Zhu-Wan differs from mercury chloride and methylmercury on hepatic cytochrome P450 in mice. <i>F1000Research</i> , 2021, 10, 203.	0.8	2
6	RNA-Seq analysis of the protection by <i>Dendrobium nobile</i> alkaloids against carbon tetrachloride hepatotoxicity in mice. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111307.	2.5	16
7	Zuotai (I^2 -HgS)-containing 70 Wei Zhen-Zhu-Wan differs from mercury chloride and methylmercury on hepatic cytochrome P450 in mice. <i>F1000Research</i> , 2021, 10, 203.	0.8	3
8	Beneficial effects of <i>Dendrobium nobile</i> Lindl. Alkaloids (DNLA) on anxiety and depression induced by chronic unpredictable stress in rats. <i>Brain Research</i> , 2021, 1771, 147647.	1.1	10
9	Expression of cytochrome P450 isozyme transcripts and activities in human livers. <i>Xenobiotica</i> , 2021, 51, 279-286.	0.5	28
10	The wound healing effects of the Tilapia collagen peptide mixture TY001 in streptozotocin diabetic mice. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 2848-2858.	1.7	17
11	Protective role of cinnabar and realgar in Hua-Feng-Dan against LPS plus rotenone-induced neurotoxicity and disturbance of gut microbiota in rats. <i>Journal of Ethnopharmacology</i> , 2020, 247, 112299.	2.0	28
12	Norepinephrine depleting toxin DSP-4 and LPS alter gut microbiota and induce neurotoxicity in I^2 -synuclein mutant mice. <i>Scientific Reports</i> , 2020, 10, 15054.	1.6	14
13	<i>Dendrobium nobile</i> Lindl. alkaloids-mediated protection against CCl ₄ -induced liver mitochondrial oxidative damage is dependent on the activation of Nrf2 signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110351.	2.5	21
14	<i>Dendrobium nobile</i> Lindl. Alkaloids Ameliorate Cognitive Dysfunction in Senescence Accelerated SAMP8 Mice by Decreasing Amyloid- I^2 Aggregation and Enhancing Autophagy Activity. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 657-669.	1.2	29
15	Chronic Manganese Administration with Longer Intervals Between Injections Produced Neurotoxicity and Hepatotoxicity in Rats. <i>Neurochemical Research</i> , 2020, 45, 1941-1952.	1.6	19
16	Ginsenoside Rg1 prevents vascular intimal hyperplasia involved by SDF-1 I^2 /CXCR4, SCF/c-kit and FKN/CX3CR1 axes in a rat balloon injury. <i>Journal of Ethnopharmacology</i> , 2020, 260, 113046.	2.0	9
17	Identification of novel activators of the metal responsive transcription factor (MTF-1) using a gene expression biomarker in a microarray compendium. <i>Metallomics</i> , 2020, 12, 1400-1415.	1.0	13
18	Transplacental arsenic exposure produced 5-methylcytosine methylation changes and aberrant microRNA expressions in livers of male fetal mice. <i>Toxicology</i> , 2020, 435, 152409.	2.0	15

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19	Mercury sulfide-containing Hua-Feng-Dan and 70W (Rannasangpei) protect against LPS plus MPTP-induced neurotoxicity and disturbance of gut microbiota in mice. <i>Journal of Ethnopharmacology</i> , 2020, 254, 112674.	2.0	18
20	<i>Dendrobium nobile</i> Lindl alkaloid and metformin ameliorate cognitive dysfunction in senescence-accelerated mice via suppression of endoplasmic reticulum stress. <i>Brain Research</i> , 2020, 1741, 146871.	1.1	26
21	Oleanolic acid reprograms the liver to protect against hepatotoxicants, but is hepatotoxic at high doses. <i>Liver International</i> , 2019, 39, 427-439.	1.9	49
22	RNA-Seq provides new insights on the relative mRNA abundance of antioxidant components during mouse liver development. <i>Free Radical Biology and Medicine</i> , 2019, 134, 335-342.	1.3	11
23	Induction of Nrf2 pathway by <i>Dendrobium nobile</i> Lindl. alkaloids protects against carbon tetrachloride induced acute liver injury. <i>Biomedicine and Pharmacotherapy</i> , 2019, 117, 109073.	2.5	37
24	HgS and Zuotai differ from HgCl ₂ and methyl mercury in intestinal Hg absorption, transporter expression and gut microbiome in mice. <i>Toxicology and Applied Pharmacology</i> , 2019, 379, 114615.	1.3	23
25	Chemical Compositions of Metals in Bhasmas and Tibetan Zuotai Are a Major Determinant of Their Therapeutic Effects and Toxicity. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-13.	0.5	17
26	Involvement of stromal cell-derived factor-1 \pm (SDF-1 \pm), stem cell factor (SCF), fractalkine (FKN) and VEGF in TSG protection against intimal hyperplasia in rat balloon injury. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 887-894.	2.5	10
27	Low-Grade Inflammation Aggravates Rotenone Neurotoxicity and Disrupts Circadian Clock Gene Expression in Rats. <i>Neurotoxicity Research</i> , 2019, 35, 421-431.	1.3	23
28	Age-associated changes of cytochrome P450 and related phase-2 gene/proteins in livers of rats. <i>PeerJ</i> , 2019, 7, e7429.	0.9	43
29	Ontogeny and aging of Nrf2 pathway genes in livers of rats. <i>Life Sciences</i> , 2018, 203, 99-104.	2.0	13
30	A review of cinnabar (HgS) and/or realgar (As ₄ S ₄)-containing traditional medicines. <i>Journal of Ethnopharmacology</i> , 2018, 210, 340-350.	2.0	73
31	Circadian Clock Gene Expression and Drug/Toxicant Interactions as Novel Targets of Chronopharmacology and Chronotoxicology. , 2018, , .		1
32	Age-associated changes in GSH S-transferase gene/proteins in livers of rats. <i>Redox Report</i> , 2018, 23, 213-218.	1.4	16
33	Tetrahydroxystilbene Glucoside Produces Neuroprotection against 6-OHDA-Induced Dopamine Neurotoxicity. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	1.9	14
34	Repeated manganese administration produced abnormal expression of circadian clock genes in the hypothalamus and liver of rats. <i>NeuroToxicology</i> , 2017, 62, 39-45.	1.4	17
35	Zuotai and HgS differ from HgCl ₂ and methyl mercury in Hg accumulation and toxicity in weanling and aged rats. <i>Toxicology and Applied Pharmacology</i> , 2017, 331, 76-84.	1.3	32
36	Dysregulation of metallothionein and circadian genes in human hepatocellular carcinoma. <i>Chronobiology International</i> , 2017, 34, 192-202.	0.9	25

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37	Ontogeny, aging, and gender-related changes in hepatic multidrug resistant protein genes in rats. <i>Life Sciences</i> , 2017, 170, 108-114.	2.0	15
38	<i>Dendrobium nobile</i> Lindl. alkaloids regulate metabolism gene expression in livers of mice. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 1409-1417.	1.2	36
39	Oleanolic acid protects against the hepatotoxicity of D-galactosame plus endotoxin in mice. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 1040-1046.	2.5	13
40	2,3,4,5-tetrahydroxystilbene-2-O- β -D-glucoside exacerbates acetaminophen-induced hepatotoxicity by inducing hepatic expression of CYP2E1, CYP3A4 and CYP1A2. <i>Scientific Reports</i> , 2017, 7, 16511.	1.6	33
41	Adulthood Exposure to Lipopolysaccharide Exacerbates the Neurotoxic and Inflammatory Effects of Rotenone in the Substantia Nigra. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 131.	1.4	12
42	Age-associated differences in transporter gene expression in kidneys of male rats. <i>Molecular Medicine Reports</i> , 2017, 15, 474-482.	1.1	27
43	The Tibetan medicine Zuotai differs from HgCl ₂ and MeHg in producing liver injury in mice. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 78, 1-7.	1.3	38
44	Mercury sulfides are much less nephrotoxic than mercury chloride and methylmercury in mice. <i>Toxicology Letters</i> , 2016, 262, 153-160.	0.4	31
45	The Tibetan medicine <i>Zuotai</i> influences clock gene expression in the liver of mice. <i>PeerJ</i> , 2016, 4, e1632.	0.9	10
46	Developmental toxicity from exposure to various forms of mercury compounds in medaka fish (<i>Oryzias latipes</i>) embryos. <i>PeerJ</i> , 2016, 4, e2282.	0.9	40
47	Realgar quantum dots induce apoptosis and necrosis in HepG2 cells through endoplasmic reticulum stress. <i>Biomedical Reports</i> , 2015, 3, 657-662.	0.9	18
48	Apoptosis and necrosis induced by novel realgar quantum dots in human endometrial cancer cells via endoplasmic reticulum stress signaling pathway. <i>International Journal of Nanomedicine</i> , 2015, 10, 5505.	3.3	43
49	Liver expression of Nrf2-related genes in different liver diseases. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2015, 14, 485-491.	0.6	30
50	Protection against phalloidin-induced liver injury by oleanolic acid involves Nrf2 activation and suppression of Oatp1b2. <i>Toxicology Letters</i> , 2015, 232, 326-332.	0.4	36
51	Overexpression of Nrf2 Protects against Microcystin-Induced Hepatotoxicity in Mice. <i>PLoS ONE</i> , 2014, 9, e93013.	1.1	21
52	Icariin Is A PPAR α Activator Inducing Lipid Metabolic Gene Expression in Mice. <i>Molecules</i> , 2014, 19, 18179-18191.	1.7	41
53	Induction of Nrf2 and Metallothionein as a Common Mechanism of Hepatoprotective Medicinal Herbs. <i>The American Journal of Chinese Medicine</i> , 2014, 42, 207-221.	1.5	17
54	Effect of Icariin on UDP-Glucuronosyltransferases in Mouse Liver. <i>Planta Medica</i> , 2014, 80, 387-392.	0.7	6

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55	Nrf2 protects against furosemide-induced hepatotoxicity. <i>Toxicology</i> , 2014, 324, 35-42.	2.0	22
56	Diurnal-and sex-related difference of metallothionein expression in mice. <i>Journal of Circadian Rhythms</i> , 2014, 10, 5.	2.9	20
57	Age- and sex-related differences of organic anion-transporting polypeptide gene expression in livers of rats. <i>Toxicology and Applied Pharmacology</i> , 2014, 280, 370-377.	1.3	28
58	Potency of Individual Bile Acids to Regulate Bile Acid Synthesis and Transport Genes in Primary Human Hepatocyte Cultures. <i>Toxicological Sciences</i> , 2014, 141, 538-546.	1.4	70
59	Sex Differences in the Circadian Variation of Cytochrome P450 Genes and Corresponding Nuclear Receptors in Mouse Liver. <i>Chronobiology International</i> , 2013, 30, 1135-1143.	0.9	76
60	Oleanolic acid alters bile acid metabolism and produces cholestatic liver injury in mice. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 816-824.	1.3	40
61	Repeated Oral Administration of Oleanolic Acid Produces Cholestatic Liver Injury in Mice. <i>Molecules</i> , 2013, 18, 3060-3071.	1.7	52
62	Rutaecarpine effects on expression of hepatic phase-1, phase-2 metabolism and transporter genes as a basis of herbâ€drug interactions. <i>Journal of Ethnopharmacology</i> , 2013, 147, 215-219.	2.0	23
63	Protective effects of Ganoderma lucidum spore on cadmium hepatotoxicity in mice. <i>Food and Chemical Toxicology</i> , 2013, 52, 171-175.	1.8	42
64	NRF2 Protection against Liver Injury Produced by Various Hepatotoxicants. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-8.	1.9	121
65	Tetrahydroxystilbene Glucoside Attenuates Neuroinflammation through the Inhibition of Microglia Activation. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-8.	1.9	32
66	RNA-Seq Reveals Different mRNA Abundance of Transporters and Their Alternative Transcript Isoforms During Liver Development. <i>Toxicological Sciences</i> , 2012, 127, 592-608.	1.4	42
67	Role of Nrf2 in preventing ethanol-induced oxidative stress and lipid accumulation. <i>Toxicology and Applied Pharmacology</i> , 2012, 262, 321-329.	1.3	120
68	Role of cinnabar and realgar of WSHFD in protecting against LPS-induced neurotoxicity. <i>Journal of Ethnopharmacology</i> , 2012, 139, 822-828.	2.0	25
69	Nrf2 deficiency improves glucose tolerance in mice fed a high-fat diet. <i>Toxicology and Applied Pharmacology</i> , 2012, 264, 305-314.	1.3	73
70	Diurnal Variation of Hepatic Antioxidant Gene Expression in Mice. <i>PLoS ONE</i> , 2012, 7, e44237.	1.1	121
71	Realgar and realgar-containing Liu-Shen-Wan are less acutely toxic than arsenite and arsenate. <i>Journal of Ethnopharmacology</i> , 2011, 134, 26-31.	2.0	37
72	Chemical form of metals in traditional medicines underlines potential toxicity in cell cultures. <i>Journal of Ethnopharmacology</i> , 2011, 134, 839-843.	2.0	35

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73	Nephrotoxicity of mercuric chloride, methylmercury and cinnabar-containing Zhu-Sha-An-Shen-Wan in rats. <i>Toxicology Letters</i> , 2011, 200, 194-200.	0.4	45
74	Evaluation of hepatotoxicity potential of cinnabar-containing An-Gong-Niu-Huang Wan, a patent traditional Chinese medicine. <i>Regulatory Toxicology and Pharmacology</i> , 2011, 60, 206-211.	1.3	37
75	Realgar- and cinnabar-containing An-Gong-Niu-Huang Wan (AGNH) is much less acutely toxic than sodium arsenite and mercuric chloride. <i>Chemico-Biological Interactions</i> , 2011, 189, 134-140.	1.7	41
76	Realgar, cinnabar and An-Gong-Niu-Huang Wan are much less chronically nephrotoxic than common arsenicals and mercurials. <i>Experimental Biology and Medicine</i> , 2011, 236, 233-239.	1.1	37
77	Toxicology Evaluation of Realgar-Containing Niu-Huang-Jie-Du Pian as Compared to Arsenicals in Cell Cultures and in Mice. <i>ISRN Toxicology</i> , 2011, 2011, 1-6.	2.7	13
78	Oleanolic acid nanosuspensions: preparation, in-vitro characterization and enhanced hepatoprotective effect. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 57, 259-264.	1.2	99
79	Role of oxidative stress in cadmium toxicity and carcinogenesis. <i>Toxicology and Applied Pharmacology</i> , 2009, 238, 209-214.	1.3	682
80	Fetal arsenic exposure appears to facilitate endocrine disruption by postnatal diethylstilbestrol in neonatal mouse adrenal. <i>Chemico-Biological Interactions</i> , 2009, 182, 253-258.	1.7	12
81	Arsenic-induced Aberrant Gene Expression in Fetal Mouse Primary Liver Cell Cultures. <i>Annals of the New York Academy of Sciences</i> , 2008, 1140, 368-375.	1.8	21
82	New insights into generalized hepatoprotective effects of oleanolic acid: Key roles of metallothionein and Nrf2 induction. <i>Biochemical Pharmacology</i> , 2008, 76, 922-928.	2.0	79
83	Mercury in Traditional Medicines: Is Cinnabar Toxicologically Similar to Common Mercurials?. <i>Experimental Biology and Medicine</i> , 2008, 233, 810-817.	1.1	184
84	Mineral Arsenicals in Traditional Medicines: Orpiment, Realgar, and Arsenolite. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 363-368.	1.3	189
85	Arsenic Exposure <i>in utero</i> Exacerbates Skin Cancer Response in Adulthood with Contemporaneous Distortion of Tumor Stem Cell Dynamics. <i>Cancer Research</i> , 2008, 68, 8278-8285.	0.4	98
86	Liver is a Target of Arsenic Carcinogenesis. <i>Toxicological Sciences</i> , 2008, 105, 24-32.	1.4	273
87	Neutrophil depletion protects against murine acetaminophen hepatotoxicity: Another perspective. <i>Hepatology</i> , 2007, 45, 1588-1589.	3.6	76
88	Transplacental arsenic carcinogenesis in mice. <i>Toxicology and Applied Pharmacology</i> , 2007, 222, 271-280.	1.3	170
89	Transplacental exposure to inorganic arsenic at a hepatocarcinogenic dose induces fetal gene expression changes in mice indicative of aberrant estrogen signaling and disrupted steroid metabolism. <i>Toxicology and Applied Pharmacology</i> , 2007, 220, 284-291.	1.3	47
90	Aberrant DNA methylation and gene expression in livers of newborn mice transplacentally exposed to a hepatocarcinogenic dose of inorganic arsenic. <i>Toxicology</i> , 2007, 236, 7-15.	2.0	154

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91	Arsenicals in maternal and fetal mouse tissues after gestational exposure to arsenite. <i>Toxicology</i> , 2006, 224, 147-155.	2.0	64
92	Urogenital Carcinogenesis in Female CD1 Mice Induced by In utero Arsenic Exposure Is Exacerbated by Postnatal Diethylstilbestrol Treatment. <i>Cancer Research</i> , 2006, 66, 1337-1345.	0.4	84
93	Oleanolic acid and ursolic acid: Research perspectives. <i>Journal of Ethnopharmacology</i> , 2005, 100, 92-94.	2.0	602
94	Functional importance of ICAM-1 in the mechanism of neutrophil-induced liver injury in bile duct-ligated mice. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 286, G499-G507.	1.6	139
95	Estrogen Signaling in Livers of Male Mice With Hepatocellular Carcinoma Induced by Exposure to Arsenic In Utero. <i>Journal of the National Cancer Institute</i> , 2004, 96, 466-474.	3.0	170
96	Reduced oncotic necrosis in fas receptor-deficient C57BL/6J-lpr mice after bile duct ligation. <i>Hepatology</i> , 2004, 40, 998-1007.	3.6	101
97	Transplacental carcinogenicity of inorganic arsenic in the drinking water: induction of hepatic, ovarian, pulmonary, and adrenal tumors in mice. <i>Toxicology and Applied Pharmacology</i> , 2003, 186, 7-17.	1.3	306
98	O2-Vinyl 1-(Pyrrolidin-1-yl) diazen-1-ium-1,2-diolate Protection Against Galactosamine/Endotoxin-Induced Hepatotoxicity in Mice: Genomic Analysis Using Microarrays. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 300, 18-25.	1.3	51
99	METALLOTHIONEIN: An Intracellular Protein to Protect Against Cadmium Toxicity. <i>Annual Review of Pharmacology and Toxicology</i> , 1999, 39, 267-294.	4.2	1,009
100	Protection against carbon tetrachloride hepatotoxicity by oleanolic acid is not mediated through metallothionein. This work was supported by NIH grant ES-061901. <i>Toxicology Letters</i> , 1998, 95, 77-85.	0.4	53
101	Pharmacology of oleanolic acid and ursolic acid. <i>Journal of Ethnopharmacology</i> , 1995, 49, 57-68.	2.0	1,255