

Ming-Yie Liu

List of Publications by Year in descending order

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96
papers

2,456
citations

186209

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265120

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2498
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of vitamin E and/or C on reactive oxygen species-related lead toxicity in the rat sperm. <i>Toxicology</i> , 1998, 128, 169-179.	2.0	130
2	Phosphine-induced oxidative damage in rats: role of glutathione. <i>Toxicology</i> , 2002, 179, 1-8.	2.0	111
3	Lead exposure causes generation of reactive oxygen species and functional impairment in rat sperm. <i>Toxicology</i> , 1997, 122, 133-143.	2.0	102
4	Phosphine-induced oxidative damage in rats: attenuation by melatonin. <i>Free Radical Biology and Medicine</i> , 2000, 28, 636-642.	1.3	100
5	SESAMOL DELAYS MORTALITY AND ATTENUATES HEPATIC INJURY AFTER CECAL LIGATION AND PUNCTURE IN RATS. <i>Shock</i> , 2006, 25, 528-532.	1.0	72
6	EFFECT OF SESAME OIL ON OXIDATIVE-STRESS-ASSOCIATED RENAL INJURY IN ENDOTOXEMIC RATS: INVOLVEMENT OF NITRIC OXIDE AND PROINFLAMMATORY CYTOKINES. <i>Shock</i> , 2005, 24, 276-280.	1.0	67
7	Arsenic-induced health crisis in peri-urban Moyna and Ardebok villages, West Bengal, India: an exposure assessment study. <i>Environmental Geochemistry and Health</i> , 2012, 34, 563-574.	1.8	66
8	Protective effect of sesamol on the pulmonary inflammatory response and lung injury in endotoxemic rats. <i>Food and Chemical Toxicology</i> , 2010, 48, 1821-1826.	1.8	54
9	Regulatory mechanism of <i>Toona sinensis</i> on mouse leydig cell steroidogenesis. <i>Life Sciences</i> , 2005, 76, 1473-1487.	2.0	53
10	Sesame oil protects against lipopolysaccharide-stimulated oxidative stress in rats. <i>Critical Care Medicine</i> , 2004, 32, 227-231.	0.4	51
11	THE EFFECT OF SESAMOL ON SYSTEMIC OXIDATIVE STRESS AND HEPATIC DYSFUNCTION IN ACUTELY IRON-INTOXICATED MICE. <i>Shock</i> , 2007, 28, 596-601.	1.0	50
12	Sleep deprivation-induced multi-organ injury: role of oxidative stress and inflammation. <i>EXCLI Journal</i> , 2015, 14, 672-83.	0.5	48
13	ATTENUATION OF ENDOTOXIN-INDUCED OXIDATIVE STRESS AND MULTIPLE ORGAN INJURY BY 3,4-METHYLENEDIOXYPHENOL IN RATS. <i>Shock</i> , 2006, 25, 300-305.	1.0	47
14	Sesame oil mitigates nutritional steatohepatitis via attenuation of oxidative stress and inflammation: a tale of two-hit hypothesis. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 232-240.	1.9	44
15	Sesame oil attenuates multiple organ failure and increases survival rate during endotoxemia in rats. <i>Critical Care Medicine</i> , 2002, 30, 1859-1862.	0.4	43
16	THE PROTECTIVE EFFECT OF SESAMOL AGAINST MITOCHONDRIAL OXIDATIVE STRESS AND HEPATIC INJURY IN ACETAMINOPHEN-OVERDOSED RATS. <i>Shock</i> , 2009, 32, 89-93.	1.0	38
17	EFFECTS OF SESAME OIL ON OXIDATIVE STRESS AND HEPATIC INJURY AFTER CECAL LIGATION AND PUNCTURE IN RATS. <i>Shock</i> , 2004, 21, 466-469.	1.0	36
18	COEXPOSURE OF LEAD- AND LIPOPOLYSACCHARIDE-INDUCED LIVER INJURY IN RATS: INVOLVEMENT OF NITRIC OXIDE-INITIATED OXIDATIVE STRESS AND TNF-?. <i>Shock</i> , 2005, 23, 360-364.	1.0	36

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19	Lead Increases Lipopolysaccharide-Induced Liver Injury through Tumor Necrosis Factor- α Overexpression by Monocytes/Macrophages: Role of Protein Kinase C and p42/44 Mitogen-Activated Protein Kinase. <i>Environmental Health Perspectives</i> , 2006, 114, 507-513.	2.8	36
20	Abamectin effects on aspartate aminotransferase and nitric oxide in rats. <i>Toxicology</i> , 2001, 165, 189-193.	2.0	34
21	Enhancement of TNF- α expression does not trigger apoptosis upon exposure of glial cells to lead and lipopolysaccharide. <i>Toxicology</i> , 2002, 178, 183-191.	2.0	32
22	The prophylactic protective effect of sesamol against ferric-nitritotriacetate-induced acute renal injury in mice. <i>Food and Chemical Toxicology</i> , 2008, 46, 2736-2741.	1.8	32
23	Therapeutic Sesamol Attenuates Monocrotaline-Induced Sinusoidal Obstruction Syndrome in Rats by Inhibiting Matrix Metalloproteinase-9. <i>Cell Biochemistry and Biophysics</i> , 2011, 61, 327-336.	0.9	32
24	The inhibitory effects of lead on steroidogenesis in MA-10 mouse Leydig tumor cells. <i>Life Sciences</i> , 2001, 68, 849-859.	2.0	30
25	EFFECTS OF SESAME OIL ON OXIDATIVE STRESS AFTER THE ONSET OF SEPSIS IN RATS. <i>Shock</i> , 2004, 22, 582-585.	1.0	30
26	Sesamol down-regulates the lipopolysaccharide-induced inflammatory response by inhibiting nuclear factor-kappa B activation. <i>Innate Immunity</i> , 2010, 16, 333-339.	1.1	30
27	Sesame Oil Accelerates Healing of 2,4,6-Trinitrobenzenesulfonic Acid-Induced Acute Colitis by Attenuating Inflammation and Fibrosis. <i>Journal of Parenteral and Enteral Nutrition</i> , 2013, 37, 674-682.	1.3	30
28	Sesame oil attenuates nutritional fibrosing steatohepatitis by modulating matrix metalloproteinases-2, 9 and PPAR- β . <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 337-344.	1.9	30
29	Mucoadhesive role of tamarind xyloglucan on inflammation attenuates ulcerative colitis. <i>Journal of Functional Foods</i> , 2018, 47, 1-10.	1.6	30
30	Therapeutic effects of sesame oil on monosodium urate crystal-induced acute inflammatory response in rats. <i>SpringerPlus</i> , 2013, 2, 659.	1.2	29
31	Dietary <i>Ziziphus jujuba</i> Fruit Attenuates Colitis-Associated Tumorigenesis: A Pivotal Role of the NF- κ B/IL-6/JAK1/STAT3 Pathway. <i>Nutrition and Cancer</i> , 2020, 72, 120-132.	0.9	28
32	Formamidines as Synergists of Cypermethrin in Susceptible and Pyrethroid Resistant House Flies (Diptera: Muscidae). <i>Journal of Economic Entomology</i> , 1990, 83, 2181-2186.	0.8	26
33	SESAME OIL ATTENUATES ACUTE IRON-INDUCED LIPID PEROXIDATION-ASSOCIATED HEPATIC DAMAGE IN MICE. <i>Shock</i> , 2006, 26, 625-630.	1.0	26
34	17 β -Estradiol protects against acetaminophen-overdose-induced acute oxidative hepatic damage and increases the survival rate in mice. <i>Steroids</i> , 2011, 76, 118-124.	0.8	26
35	Extracts of Sesame (<i>Sesamum indicum</i> L.) Seeds and Gastric Mucosal Cytoprotection. , 2011, , 1019-1027.		26
36	Mediation of Enhanced Transcription of the IL-10 Gene in T Cells, Upon Contact with Human Glioma Cells, by Fas Signaling Through a Protein Kinase A-Independent Pathway. <i>Journal of Immunology</i> , 2003, 171, 3947-3954.	0.4	25

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37	Sesame Oil Attenuates Hepatic Lipid Peroxidation by Inhibiting Nitric Oxide and Superoxide Anion Generation in Septic Rats. <i>Journal of Parenteral and Enteral Nutrition</i> , 2008, 32, 154-159.	1.3	25
38	Sesame Oil Attenuates Ovalbumin-Induced Pulmonary Edema and Bronchial Neutrophilic Inflammation in Mice. <i>BioMed Research International</i> , 2013, 2013, 1-7.	0.9	25
39	Protective Effect of 3,4-Methylenedioxyphenol (Sesamol) on Stress-Related Mucosal Disease in Rats. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	25
40	Daily sesame oil supplementation attenuates local renin-angiotensin system via inhibiting MAPK activation and oxidative stress in cardiac hypertrophy. <i>Journal of Nutritional Biochemistry</i> , 2017, 42, 108-116.	1.9	25
41	Parenteral sesame oil attenuates oxidative stress after endotoxin intoxication in rats. <i>Toxicology</i> , 2004, 196, 147-153.	2.0	23
42	PROTECTIVE EFFECT OF DAILY SESAME OIL SUPPLEMENT ON GENTAMICIN-INDUCED RENAL INJURY IN RATS. <i>Shock</i> , 2010, 33, 88-92.	1.0	23
43	Sesame Oil Prevents Acute Kidney Injury Induced by the Synergistic Action of Aminoglycoside and Iodinated Contrast in Rats. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 2532-2536.	1.4	23
44	EFFECT OF SESAME OIL AGAINST ACETAMINOPHEN-INDUCED ACUTE OXIDATIVE HEPATIC DAMAGE IN RATS. <i>Shock</i> , 2008, 30, 217-221.	1.0	23
45	SESAME OIL ATTENUATES CISPLATIN-INDUCED HEPATIC AND RENAL INJURIES BY INHIBITING NITRIC OXIDE-ASSOCIATED LIPID PEROXIDATION IN MICE. <i>Shock</i> , 2007, 27, 199-204.	1.0	22
46	Sesamol Attenuates Isoproterenol-induced Acute Myocardial Infarction via Inhibition of Matrix Metalloproteinase-2 and -9 Expression in Rats. <i>Cellular Physiology and Biochemistry</i> , 2011, 27, 273-280.	1.1	22
47	SESAMOL ATTENUATES DICLOFENAC-INDUCED ACUTE GASTRIC MUCOSAL INJURY VIA ITS CYCLOOXYGENASE-INDEPENDENT ANTIOXIDATIVE EFFECT IN RATS. <i>Shock</i> , 2008, 30, 456-462.	1.0	21
48	Amino acid cysteine induces senescence and decelerates cell growth in melanoma. <i>Journal of Functional Foods</i> , 2015, 18, 455-462.	1.6	21
49	BICUCULLINE METHIODIDE ATTENUATES HEPATIC INJURY AND DECREASES MORTALITY IN SEPTIC RATS: ROLE OF CYTOKINES. <i>Shock</i> , 2004, 22, 347-350.	1.0	19
50	Imposex in the golden apple snail <i>Pomacea canaliculata</i> in Taiwan. <i>Science of the Total Environment</i> , 2006, 371, 138-143.	3.9	19
51	SESAME OIL PROTECTS AGAINST LEAD-PLUS-LIPOPOLYSACCHARIDE-INDUCED ACUTE HEPATIC INJURY. <i>Shock</i> , 2007, 27, 334-337.	1.0	19
52	Effect of Sesame Oil on Acidified Ethanol-Induced Gastric Mucosal Injury in Rats. <i>Journal of Parenteral and Enteral Nutrition</i> , 2009, 33, 423-427.	1.3	19
53	In vitro aberrant gene expression as the indicator of lead-induced neurotoxicity in U-373MG cells. <i>Toxicology</i> , 2000, 147, 59-64.	2.0	18
54	Sesame lignan sesamol protects against aspirin-induced gastric mucosal damage in rats. <i>Journal of Functional Foods</i> , 2009, 1, 349-355.	1.6	18

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55	Using iron precipitants to remove arsenic from water: Is it safe?. <i>Water Research</i> , 2010, 44, 5823-5827.	5.3	17
56	Gonadotrophin-releasing hormone-I and-II stimulate steroidogenesis in prepubertal murine Leydig cells in vitro. <i>Asian Journal of Andrology</i> , 2008, 10, 929-936.	0.8	16
57	MODULATION OF TUMOR NECROSIS FACTOR-?? AND OXIDATIVE STRESS THROUGH PROTEIN KINASE C AND P42/44 MITOGEN-ACTIVATED PROTEIN KINASE IN LEAD INCREASES LIPOPOLYSACCHARIDE-INDUCED LIVER DAMAGE IN RATS. <i>Shock</i> , 2005, 24, 188-193.	1.0	15
58	Prophylactic Sesame Oil Attenuates Sinusoidal Obstruction Syndrome by Inhibiting Matrix Metalloproteinase-9 and Oxidative Stress. <i>Journal of Parenteral and Enteral Nutrition</i> , 2013, 37, 529-537.	1.3	15
59	Beneficial Effect of Sesame Oil on Heavy Metal Toxicity. <i>Journal of Parenteral and Enteral Nutrition</i> , 2014, 38, 179-185.	1.3	15
60	Tamarind xyloglucan attenuates dextran sodium sulfate induced ulcerative colitis: Role of antioxidation. <i>Journal of Functional Foods</i> , 2018, 42, 327-338.	1.6	15
61	Apparent reduction in the number of nerve membrane sodium channels in the house fly in relation to metabolic resistance to insecticides. <i>Pesticide Biochemistry and Physiology</i> , 1991, 41, 1-7.	1.6	14
62	Mechanism of formamidine synergism of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1992, 43, 134-140.	1.6	14
63	CONCENTRATION DEPENDENCY IN LEAD-INHIBITED STEROIDOGENESIS IN MA-10 MOUSE LEYDIG TUMOR CELLS. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002, 65, 557-567.	1.1	14
64	The triterpenoids of <i>Ganoderma tsugae</i> prevent stress-induced myocardial injury in mice. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1892-1896.	1.5	14
65	Daily sesame oil supplementation mitigates ketoconazole-induced oxidative stress-mediated apoptosis and hepatic injury. <i>Journal of Nutritional Biochemistry</i> , 2016, 37, 67-75.	1.9	14
66	Regulation of tumor necrosis factor-? in glioma cells by lead and lipopolysaccharide: involvement of common signaling pathway. <i>Toxicology Letters</i> , 2004, 152, 127-37.	0.4	13
67	The non-peptide chemical 3,4-methylenedioxyphenol blocked lipopolysaccharide (LPS) from binding to LPS-binding protein and inhibited pro-inflammatory cytokines. <i>Innate Immunity</i> , 2009, 15, 380-385.	1.1	13
68	Dietary Ziziphus jujuba Fruit Influence on Aberrant Crypt Formation and Blood Cells in Colitis-Associated Colorectal Cancer Mice. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 7561-7566.	0.5	13
69	Anti-hepatotoxic effects of 3,4-methylenedioxyphenol and N-acetylcysteine in acutely acetaminophen-overdosed mice. <i>Human and Experimental Toxicology</i> , 2011, 30, 1609-1615.	1.1	12
70	Sesame Oil Therapeutically Ameliorates Cardiac Hypertrophy by Regulating Hypokalemia in Hypertensive Rats. <i>Journal of Parenteral and Enteral Nutrition</i> , 2014, 38, 750-757.	1.3	12
71	Mast Cell Stabilizer Ketotifen Inhibits Gouty Inflammation in Rats. <i>American Journal of Therapeutics</i> , 2016, 23, e1009-e1015.	0.5	12
72	Effects of Sesame Oil Against After the Onset of Acetaminophen-Induced Acute Hepatic Injury in Rats. <i>Journal of Parenteral and Enteral Nutrition</i> , 2010, 34, 567-573.	1.3	11

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73	Role of flavin-containing-monoxygenase-dependent neutrophil activation in thioacetamide-induced hepatic inflammation in rats. <i>Toxicology</i> , 2012, 298, 52-58.	2.0	11
74	Abamectin attenuates gastric mucosal damage induced by ethanol through activation of vagus nerve in rats. <i>Alcohol</i> , 2003, 30, 61-65.	0.8	10
75	Sesame Oil Does Not Show Accumulatively Enhanced Protection Against Oxidative Stressâ€“Associated Hepatic Injury in Septic Rats. <i>Journal of Parenteral and Enteral Nutrition</i> , 2008, 32, 276-280.	1.3	10
76	Curative effect of sesame oil in a rat model of chronic kidney disease. <i>Nephrology</i> , 2015, 20, 922-930.	0.7	10
77	Sesame Oil Accelerates Kidney Healing following Gentamicin-Induced Kidney Injury in Rats. <i>American Journal of Nephrology</i> , 2010, 32, 383-392.	1.4	9
78	Prophylactic and Therapeutic Effects of a Subcutaneous Injection of Sesame Oil Against Iron-Induced Acute Renal Injury in Mice. <i>Journal of Parenteral and Enteral Nutrition</i> , 2012, 36, 344-348.	1.3	8
79	In vivo exposure to carbon disulfide increases the contraction frequency of pregnant rat uteri through an indirect pathway. <i>Life Sciences</i> , 1999, 66, 201-208.	2.0	7
80	Epinephrine protects against severe acute gastric bleeding in rats: role of nitric oxide and glutathione. <i>Shock</i> , 2005, 23, 253-7.	1.0	7
81	Down-regulation of saxitoxin binding in house flies by pyrethroids and other insecticides. <i>Pesticide Biochemistry and Physiology</i> , 1991, 41, 232-237.	1.6	6
82	Effects of amphetamine on steroidogenesis in MA-10 mouse Leydig tumor cells. <i>Life Sciences</i> , 2003, 72, 1983-1995.	2.0	6
83	Sesame Seed (<i>Sesamum indicum</i> L.) Extracts and Their Anti-Inflammatory Effect. <i>ACS Symposium Series</i> , 2012, , 335-341.	0.5	6
84	Who is the real killer? Chlorfenapyr or detergent micelle-chlorfenapyr complex?. <i>Xenobiotica</i> , 2017, 47, 833-835.	0.5	6
85	Sesamol ameliorates hypotension by modulating cytokines and PPAR-gamma in systemic inflammatory response. <i>EXCLI Journal</i> , 2015, 14, 948-57.	0.5	6
86	The elucidation of epinephrine as an antihypotensive agent in abamectin intoxication. <i>Human and Experimental Toxicology</i> , 2003, 22, 433-7.	1.1	6
87	THE EFFECTS OF TREMELLA AURANTIA ON TESTOSTERONE AND CORTICOSTERONE PRODUCTIONS IN NORMAL AND DIABETIC RATS. <i>Archives of Andrology</i> , 2004, 50, 395-404.	1.0	5
88	Elastases from inflammatory and dendritic cells mediate ultrafine carbon black induced acute lung destruction in mice. <i>Inhalation Toxicology</i> , 2011, 23, 616-626.	0.8	5
89	Involvement of nitric oxide in gastric protection of epinephrine in endotoxin intoxication in rats. <i>Toxicology</i> , 2004, 204, 203-208.	2.0	4
90	The study of ISO induced heart failure rat model, <i>Exp Mol Pathol</i> . 2010;88:299â€“304. <i>Experimental and Molecular Pathology</i> , 2011, 90, 84.	0.9	3

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91	Ostensibly ineffectual doses of cadmium and lipopolysaccharide causes liver damage in rats. Human and Experimental Toxicology, 2011, 30, 624-635.	1.1	3
92	Therapeutic Oral Sesame Oil Is Ineffectual Against Monocrotaline-Induced Sinusoidal Obstruction Syndrome in Rats. Journal of Parenteral and Enteral Nutrition, 2013, 37, 129-133.	1.3	3
93	Effect of GABAA receptor antagonist bicuculline methiodide on hypotension in endotoxin-intoxicated rats. Toxicology, 2004, 200, 213-219.	2.0	2
94	Comments on Vennila and Pugalendi Vennila L, Pugalendi KV. Protective effect of sesamol against myocardial infarction caused by isoproterenol in Wistar rats. Redox Rep 2010; 15: 36-42. Redox Report, 2010, 15, 288-289.	1.4	2
95	Sinusoidal injury induction: Monocrotaline dose and hepatic sinusoidal injury in rats not correlated. Journal of Surgical Oncology, 2013, 107, 447-447.	0.8	1
96	Physical and psychological stress along with candle fumes induced-cardiopulmonary injury mimicking restaurant kitchen workers. Current Research in Toxicology, 2021, 2, 246-253.	1.3	1