

Ming-Yie Liu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96
papers

2,034
citations

26
h-index

38
g-index

96
ext. papers

2,178
ext. citations

4
avg, IF

4.61
L-index

#	Paper	IF	Citations
96	Effects of vitamin E and/or C on reactive oxygen species-related lead toxicity in the rat sperm. <i>Toxicology</i> , 1998 , 128, 169-79	4.4	115
95	Lead exposure causes generation of reactive oxygen species and functional impairment in rat sperm. <i>Toxicology</i> , 1997 , 122, 133-43	4.4	91
94	Phosphine-induced oxidative damage in rats: role of glutathione. <i>Toxicology</i> , 2002 , 179, 1-8	4.4	91
93	Phosphine-induced oxidative damage in rats: attenuation by melatonin. <i>Free Radical Biology and Medicine</i> , 2000 , 28, 636-42	7.8	84
92	Sesamol delays mortality and attenuates hepatic injury after cecal ligation and puncture in rats: role of oxidative stress. <i>Shock</i> , 2006 , 25, 528-32	3.4	64
91	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, 276-80	3.4	53
90	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, 563-74	4.7	48
89	Regulatory mechanism of <i>Toona sinensis</i> on mouse leydig cell steroidogenesis. <i>Life Sciences</i> , 2005 , 76, 1473-87	6.8	48
88	The effect of sesamol on systemic oxidative stress and hepatic dysfunction in acutely iron-intoxicated mice. <i>Shock</i> , 2007 , 28, 596-601	3.4	45
87	Protective effect of sesamol on the pulmonary inflammatory response and lung injury in endotoxemic rats. <i>Food and Chemical Toxicology</i> , 2010 , 48, 1821-6	4.7	43
86	Attenuation of endotoxin-induced oxidative stress and multiple organ injury by 3,4-Methylenedioxyphenol in rats. <i>Shock</i> , 2006 , 25, 300-5	3.4	42
85	Sesame oil protects against lipopolysaccharide-stimulated oxidative stress in rats. <i>Critical Care Medicine</i> , 2004 , 32, 227-31	1.4	41
84	Sesame oil attenuates multiple organ failure and increases survival rate during endotoxemia in rats. <i>Critical Care Medicine</i> , 2002 , 30, 1859-62	1.4	38
83	The protective effect of sesamol against mitochondrial oxidative stress and hepatic injury in acetaminophen-overdosed rats. <i>Shock</i> , 2009 , 32, 89-93	3.4	34
82	Effects of sesame oil on oxidative stress and hepatic injury after cecal ligation and puncture in rats. <i>Shock</i> , 2004 , 21, 466-9	3.4	34
81	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, 232-40	6.3	31
80	The prophylactic protective effect of sesamol against ferric-nitilotriacetate-induced acute renal injury in mice. <i>Food and Chemical Toxicology</i> , 2008 , 46, 2736-41	4.7	30

79	Therapeutic sesamol attenuates monocrotaline-induced sinusoidal obstruction syndrome in rats by inhibiting matrix metalloproteinase-9. <i>Cell Biochemistry and Biophysics</i> , 2011 , 61, 327-36	3.2	29
78	Lead increases lipopolysaccharide-induced liver-injury through tumor necrosis factor-alpha overexpression by monocytes/macrophages: role of protein kinase C and P42/44 mitogen-activated protein kinase. <i>Environmental Health Perspectives</i> , 2006 , 114, 507-13	8.4	29
77	Coexposure of lead- and lipopolysaccharide-induced liver injury in rats: involvement of nitric oxide-initiated oxidative stress and TNF-alpha. <i>Shock</i> , 2005 , 23, 360-4	3.4	29
76	Sleep deprivation-induced multi-organ injury: role of oxidative stress and inflammation. <i>EXCLI Journal</i> , 2015 , 14, 672-83	2.4	29
75	Abamectin effects on aspartate aminotransferase and nitric oxide in rats. <i>Toxicology</i> , 2001 , 165, 189-93	4.4	28
74	Enhancement of TNF-alpha expression does not trigger apoptosis upon exposure of glial cells to lead and lipopolysaccharide. <i>Toxicology</i> , 2002 , 178, 183-91	4.4	27
73	Sesamol down-regulates the lipopolysaccharide-induced inflammatory response by inhibiting nuclear factor-kappa B activation. <i>Innate Immunity</i> , 2010 , 16, 333-9	2.7	26
72	Effects of sesame oil on oxidative stress after the onset of sepsis in rats. <i>Shock</i> , 2004 , 22, 582-5	3.4	26
71	The inhibitory effects of lead on steroidogenesis in MA-10 mouse Leydig tumor cells. <i>Life Sciences</i> , 2001 , 68, 849-59	6.8	26
70	Formamidines as synergists of cypermethrin in susceptible and pyrethroid resistant house flies (Diptera: Muscidae). <i>Journal of Economic Entomology</i> , 1990 , 83, 2181-6	2.2	25
69	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, 3947-54	5.3	24
68	Mucoadhesive role of tamarind xyloglucan on inflammation attenuates ulcerative colitis. <i>Journal of Functional Foods</i> , 2018 , 47, 1-10	5.1	24
67	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, 154-9	4.2	23
66	Sesame oil attenuates acute iron-induced lipid peroxidation-associated hepatic damage in mice. <i>Shock</i> , 2006 , 26, 625-30	3.4	23
65	Sesame oil attenuates nutritional fibrosing steatohepatitis by modulating matrix metalloproteinases-2, 9 and PPAR- α . <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 337-44	6.3	22
64	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, 674-82	4.2	22
63	17 β -Estradiol protects against acetaminophen-overdose-induced acute oxidative hepatic damage and increases the survival rate in mice. <i>Steroids</i> , 2011 , 76, 118-24	2.8	22
62	Parenteral sesame oil attenuates oxidative stress after endotoxin intoxication in rats. <i>Toxicology</i> , 2004 , 196, 147-53	4.4	21

61	Amino acid cysteine induces senescence and decelerates cell growth in melanoma. <i>Journal of Functional Foods</i> , 2015 , 18, 455-462	5.1	20
60	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, 2532-6	5.9	20
59	Sesamol attenuates diclofenac-induced acute gastric mucosal injury via its cyclooxygenase-independent antioxidative effect in rats. <i>Shock</i> , 2008 , 30, 456-62	3.4	20
58	Therapeutic effects of sesame oil on monosodium urate crystal-induced acute inflammatory response in rats. <i>SpringerPlus</i> , 2013 , 2, 659		19
57	Extracts of Sesame (<i>Sesamum indicum</i> L.) Seeds and Gastric Mucosal Cytoprotection 2011 , 1019-1027		19
56	Effect of sesame oil against acetaminophen-induced acute oxidative hepatic damage in rats. <i>Shock</i> , 2008 , 30, 217-21	3.4	19
55	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, 273-80	3.9	18
54	Protective effect of daily sesame oil supplement on gentamicin-induced renal injury in rats. <i>Shock</i> , 2010 , 33, 88-92	3.4	18
53	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	6.3	17
52	Sesame oil attenuates ovalbumin-induced pulmonary edema and bronchial neutrophilic inflammation in mice. <i>BioMed Research International</i> , 2013 , 2013, 905670	3	17
51	Sesame oil protects against lead-plus-lipopolysaccharide-induced acute hepatic injury. <i>Shock</i> , 2007 , 27, 334-7	3.4	17
50	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	3.4	17
49	Protective effect of 3,4-methylenedioxyphenol (sesamol) on stress-related mucosal disease in rats. <i>BioMed Research International</i> , 2013 , 2013, 481827	3	16
48	Effect of sesame oil on acidified ethanol-induced gastric mucosal injury in rats. <i>Journal of Parenteral and Enteral Nutrition</i> , 2009 , 33, 423-7	4.2	16
47	Imposex in the golden apple snail <i>Pomacea canaliculata</i> in Taiwan. <i>Science of the Total Environment</i> , 2006 , 371, 138-43	10.2	16
46	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, 529-37	4.2	15
45	Using iron precipitants to remove arsenic from water: is it safe?. <i>Water Research</i> , 2010 , 44, 5823-7	12.5	15
44	Sesame lignan sesamol protects against aspirin-induced gastric mucosal damage in rats. <i>Journal of Functional Foods</i> , 2009 , 1, 349-355	5.1	15

43	Gonadotrophin-releasing hormone-I and -II stimulate steroidogenesis in prepubertal murine Leydig cells in vitro. <i>Asian Journal of Andrology</i> , 2008 , 10, 929-36	2.8	15
42	In vitro aberrant gene expression as the indicator of lead-induced neurotoxicity in U-373MG cells. <i>Toxicology</i> , 2000 , 147, 59-64	4.4	15
41	Bicuculline methiodide attenuates hepatic injury and decreases mortality in septic rats: role of cytokines. <i>Shock</i> , 2004 , 22, 347-50	3.4	14
40	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	4.9	14
39	Beneficial effect of sesame oil on heavy metal toxicity. <i>Journal of Parenteral and Enteral Nutrition</i> , 2014 , 38, 179-85	4.2	13
38	Tamarind xyloglucan attenuates dextran sodium sulfate induced ulcerative colitis: Role of antioxidation. <i>Journal of Functional Foods</i> , 2018 , 42, 327-338	5.1	12
37	The triterpenoids of <i>Ganoderma tsugae</i> prevent stress-induced myocardial injury in mice. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 1892-6	5.9	12
36	Anti-hepatotoxic effects of 3,4-methylenedioxyphenol and N-acetylcysteine in acutely acetaminophen-overdosed mice. <i>Human and Experimental Toxicology</i> , 2011 , 30, 1609-15	3.4	12
35	Regulation of tumor necrosis factor-alpha in glioma cells by lead and lipopolysaccharide: involvement of common signaling pathway. <i>Toxicology Letters</i> , 2004 , 152, 127-37	4.4	12
34	Modulation of tumor necrosis factor-alpha 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, 188-93	3.4	12
33	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, 557-67	3.2	12
32	Mechanism of formamidine synergism of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , 1992 , 43, 134-140	4.9	12
31	Dietary 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	2.8	12
30	Daily sesame oil supplementation mitigates ketoconazole-induced oxidative stress-mediated apoptosis and hepatic injury. <i>Journal of Nutritional Biochemistry</i> , 2016 , 37, 67-75	6.3	10
29	Abamectin attenuates gastric mucosal damage induced by ethanol through activation of vagus nerve in rats. <i>Alcohol</i> , 2003 , 30, 61-5	2.7	10
28	Sesame oil therapeutically ameliorates cardiac hypertrophy by regulating hypokalemia in hypertensive rats. <i>Journal of Parenteral and Enteral Nutrition</i> , 2014 , 38, 750-7	4.2	9
27	Sesame oil accelerates kidney healing following gentamicin-induced kidney injury in rats. <i>American Journal of Nephrology</i> , 2010 , 32, 383-92	4.6	9
26	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, 567-73	4.2	9

25	Sesame oil does not show accumulatively enhanced protection against oxidative stress-associated hepatic injury in septic rats. <i>Journal of Parenteral and Enteral Nutrition</i> , 2008 , 32, 276-80	4.2	9
24	Mast Cell Stabilizer Ketotifen Inhibits Gouty Inflammation in Rats. <i>American Journal of Therapeutics</i> , 2016 , 23, e1009-15	1	9
23	Role of flavin-containing-monoxygenase-dependent neutrophil activation in thioacetamide-induced hepatic inflammation in rats. <i>Toxicology</i> , 2012 , 298, 52-8	4.4	8
22	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, 380-5	2.7	8
21	Curative effect of sesame oil in a rat model of chronic kidney disease. <i>Nephrology</i> , 2015 , 20, 922-30	2.2	7
20	Epinephrine protects against severe acute gastric bleeding in rats: role of nitric oxide and glutathione. <i>Shock</i> , 2005 , 23, 253-7	3.4	7
19	Sesame Seed (<i>Sesamum indicum</i> L.) Extracts and Their Anti-Inflammatory Effect. <i>ACS Symposium Series</i> , 2012 , 335-341	0.4	6
18	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, 344-8	4.2	6
17	Effects of amphetamine on steroidogenesis in MA-10 mouse Leydig tumor cells. <i>Life Sciences</i> , 2003 , 72, 1983-95	6.8	6
16	In vivo exposure to carbon disulfide increases the contraction frequency of pregnant rat uteri through an indirect pathway. <i>Life Sciences</i> , 2000 , 66, 201-8	6.8	6
15	Down-regulation of saxitoxin binding in house flies by pyrethroids and other insecticides. <i>Pesticide Biochemistry and Physiology</i> , 1991 , 41, 232-237	4.9	6
14	Elastases from inflammatory and dendritic cells mediate ultrafine carbon black induced acute lung destruction in mice. <i>Inhalation Toxicology</i> , 2011 , 23, 616-26	2.7	5
13	The effects of <i>Tremella aurantia</i> on testosterone and corticosterone productions in normal and diabetic rats. <i>Archives of Andrology</i> , 2004 , 50, 395-404		5
12	The elucidation of epinephrine as an antihypotensive agent in abamectin intoxication. <i>Human and Experimental Toxicology</i> , 2003 , 22, 433-7	3.4	5
11	Involvement of nitric oxide in gastric protection of epinephrine in endotoxin intoxication in rats. <i>Toxicology</i> , 2004 , 204, 203-8	4.4	4
10	Sesamol ameliorates hypotension by modulating cytokines and PPAR-gamma in systemic inflammatory response. <i>EXCLI Journal</i> , 2015 , 14, 948-57	2.4	4
9	Dietary <i>Ziziphus jujuba</i> Fruit Influence on Aberrant Crypt Formation and Blood Cells in Colitis-Associated Colorectal Cancer in Mice. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 7561-6 ^{1.7}		4
8	Who is the real killer? Chlorfenapyr or detergent micelle-chlorfenapyr complex?. <i>Xenobiotica</i> , 2017 , 47, 833-835	2	3

7	Therapeutic oral sesame oil is ineffectual against monocrotaline-induced sinusoidal obstruction syndrome in rats. <i>Journal of Parenteral and Enteral Nutrition</i> , 2013 , 37, 129-33	4.2	3
6	Ostensibly ineffectual doses of cadmium and lipopolysaccharide causes liver damage in rats. <i>Human and Experimental Toxicology</i> , 2011 , 30, 624-35	3.4	3
5	Effect of GABA(A) receptor antagonist bicuculline methiodide on hypotension in endotoxin-intoxicated rats. <i>Toxicology</i> , 2004 , 200, 213-9	4.4	2
4	Sinusoidal injury induction: monocrotaline dose and hepatic sinusoidal injury in rats not correlated. <i>Journal of Surgical Oncology</i> , 2013 , 107, 447	2.8	1
3	The study of ISO induced heart failure rat model, Exp Mol Pathol. 2010;88:299-304. <i>Experimental and Molecular Pathology</i> , 2011 , 90, 84	4.4	1
2	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. <i>Redox Report</i> , 2010 , 15, 288-9	5.9	1
1	Physical and psychological stress along with candle fumes induced-cardiopulmonary injury mimicking restaurant kitchen workers. <i>Current Research in Toxicology</i> , 2021 , 2, 246-253	2.7	