

# Ming-Yie Liu

## List of Publications by Year in Descending Order

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**Version:** 2024-04-26

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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	Physical and psychological stress along with candle fumes induced-cardiopulmonary injury mimicking restaurant kitchen workers. <i>Current Research in Toxicology</i> , <b>2021</b> , 2, 246-253	2.7	
95	Dietary Fruit Attenuates Colitis-Associated Tumorigenesis: A Pivotal Role of the NF- $\kappa$ B/IL-6/JAK1/STAT3 Pathway. <i>Nutrition and Cancer</i> , <b>2020</b> , 72, 120-132	2.8	12
94	Tamarind xyloglucan attenuates dextran sodium sulfate induced ulcerative colitis: Role of antioxidation. <i>Journal of Functional Foods</i> , <b>2018</b> , 42, 327-338	5.1	12
93	Mucoadhesive role of tamarind xyloglucan on inflammation attenuates ulcerative colitis. <i>Journal of Functional Foods</i> , <b>2018</b> , 47, 1-10	5.1	24
92	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> , <b>2017</b> , 42, 108-116	6.3	17
91	Who is the real killer? Chlorfenapyr or detergent micelle-chlorfenapyr complex?. <i>Xenobiotica</i> , <b>2017</b> , 47, 833-835	2	3
90	Daily sesame oil supplementation mitigates ketoconazole-induced oxidative stress-mediated apoptosis and hepatic injury. <i>Journal of Nutritional Biochemistry</i> , <b>2016</b> , 37, 67-75	6.3	10
89	Mast Cell Stabilizer Ketotifen Inhibits Gouty Inflammation in Rats. <i>American Journal of Therapeutics</i> , <b>2016</b> , 23, e1009-15	1	9
88	Amino acid cysteine induces senescence and decelerates cell growth in melanoma. <i>Journal of Functional Foods</i> , <b>2015</b> , 18, 455-462	5.1	20
87	Curative effect of sesame oil in a rat model of chronic kidney disease. <i>Nephrology</i> , <b>2015</b> , 20, 922-30	2.2	7
86	Sleep deprivation-induced multi-organ injury: role of oxidative stress and inflammation. <i>EXCLI Journal</i> , <b>2015</b> , 14, 672-83	2.4	29
85	Sesamol ameliorates hypotension by modulating cytokines and PPAR-gamma in systemic inflammatory response. <i>EXCLI Journal</i> , <b>2015</b> , 14, 948-57	2.4	4
84	Dietary Ziziphus jujuba Fruit Influence on Aberrant Crypt Formation and Blood Cells in Colitis-Associated Colorectal Cancer in Mice. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2015</b> , 16, 7561-6	1.7	4
83	Sesame oil mitigates nutritional steatohepatitis via attenuation of oxidative stress and inflammation: a tale of two-hit hypothesis. <i>Journal of Nutritional Biochemistry</i> , <b>2014</b> , 25, 232-40	6.3	31
82	Sesame oil attenuates nutritional fibrosing steatohepatitis by modulating matrix metalloproteinases-2, 9 and PPAR- $\alpha$ . <i>Journal of Nutritional Biochemistry</i> , <b>2014</b> , 25, 337-44	6.3	22
81	Sesame oil therapeutically ameliorates cardiac hypertrophy by regulating hypokalemia in hypertensive rats. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2014</b> , 38, 750-7	4.2	9
80	Beneficial effect of sesame oil on heavy metal toxicity. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2014</b> , 38, 179-85	4.2	13

79	Therapeutic effects of sesame oil on monosodium urate crystal-induced acute inflammatory response in rats. <i>SpringerPlus</i> , <b>2013</b> , 2, 659		19
78	The triterpenoids of <i>Ganoderma tsugae</i> prevent stress-induced myocardial injury in mice. <i>Molecular Nutrition and Food Research</i> , <b>2013</b> , 57, 1892-6	5.9	12
77	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> , <b>2013</b> , 37, 674-82	4.2	22
76	Sinusoidal injury induction: monocrotaline dose and hepatic sinusoidal injury in rats not correlated. <i>Journal of Surgical Oncology</i> , <b>2013</b> , 107, 447	2.8	1
75	Sesame oil attenuates ovalbumin-induced pulmonary edema and bronchial neutrophilic inflammation in mice. <i>BioMed Research International</i> , <b>2013</b> , 2013, 905670	3	17
74	Protective effect of 3,4-methylenedioxyphenol (sesamol) on stress-related mucosal disease in rats. <i>BioMed Research International</i> , <b>2013</b> , 2013, 481827	3	16
73	Therapeutic oral sesame oil is ineffectual against monocrotaline-induced sinusoidal obstruction syndrome in rats. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2013</b> , 37, 129-33	4.2	3
72	Prophylactic sesame oil attenuates sinusoidal obstruction syndrome by inhibiting matrix metalloproteinase-9 and oxidative stress. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2013</b> , 37, 529-37	4.2	15
71	Role of flavin-containing-monoxygenase-dependent neutrophil activation in thioacetamide-induced hepatic inflammation in rats. <i>Toxicology</i> , <b>2012</b> , 298, 52-8	4.4	8
70	Arsenic-induced health crisis in peri-urban Moyna and Ardebok villages, West Bengal, India: an exposure assessment study. <i>Environmental Geochemistry and Health</i> , <b>2012</b> , 34, 563-74	4.7	48
69	Sesame Seed ( <i>Sesamum indicum</i> L.) Extracts and Their Anti-Inflammatory Effect. <i>ACS Symposium Series</i> , <b>2012</b> , 335-341	0.4	6
68	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> , <b>2012</b> , 36, 344-8	4.2	6
67	17 $\beta$ Estradiol protects against acetaminophen-overdose-induced acute oxidative hepatic damage and increases the survival rate in mice. <i>Steroids</i> , <b>2011</b> , 76, 118-24	2.8	22
66	Extracts of Sesame ( <i>Sesamum indicum</i> L.) Seeds and Gastric Mucosal Cytoprotection <b>2011</b> , 1019-1027		19
65	The study of ISO induced heart failure rat model, <i>Exp Mol Pathol.</i> 2010;88:299-304. <i>Experimental and Molecular Pathology</i> , <b>2011</b> , 90, 84	4.4	1
64	Therapeutic sesamol attenuates monocrotaline-induced sinusoidal obstruction syndrome in rats by inhibiting matrix metalloproteinase-9. <i>Cell Biochemistry and Biophysics</i> , <b>2011</b> , 61, 327-36	3.2	29
63	Sesamol attenuates isoproterenol-induced acute myocardial infarction via inhibition of matrix metalloproteinase-2 and -9 expression in rats. <i>Cellular Physiology and Biochemistry</i> , <b>2011</b> , 27, 273-80	3.9	18
62	Ostensibly ineffectual doses of cadmium and lipopolysaccharide causes liver damage in rats. <i>Human and Experimental Toxicology</i> , <b>2011</b> , 30, 624-35	3.4	3

61	Anti-hepatotoxic effects of 3,4-methylenedioxyphenol and N-acetylcysteine in acutely acetaminophen-overdosed mice. <i>Human and Experimental Toxicology</i> , <b>2011</b> , 30, 1609-15	3.4	12
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> , <b>2011</b> , 55, 2532-6	5.9	20
59	Elastases from inflammatory and dendritic cells mediate ultrafine carbon black induced acute lung destruction in mice. <i>Inhalation Toxicology</i> , <b>2011</b> , 23, 616-26	2.7	5
58	Sesamol down-regulates the lipopolysaccharide-induced inflammatory response by inhibiting nuclear factor-kappa B activation. <i>Innate Immunity</i> , <b>2010</b> , 16, 333-9	2.7	26
57	Comments on Vennila and Pugalendi. Vennila L, Pugalendi KV. Protective effect of sesamol against myocardial infarction caused by isoproterenol in Wistar rats. <i>Redox Rep</i> 2010; 15: 36-42. <i>Redox Report</i> , <b>2010</b> , 15, 288-9	5.9	1
56	Sesame oil accelerates kidney healing following gentamicin-induced kidney injury in rats. <i>American Journal of Nephrology</i> , <b>2010</b> , 32, 383-92	4.6	9
55	Effects of sesame oil against after the onset of acetaminophen-induced acute hepatic injury in rats. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2010</b> , 34, 567-73	4.2	9
54	Protective effect of sesamol on the pulmonary inflammatory response and lung injury in endotoxemic rats. <i>Food and Chemical Toxicology</i> , <b>2010</b> , 48, 1821-6	4.7	43
53	Using iron precipitants to remove arsenic from water: is it safe?. <i>Water Research</i> , <b>2010</b> , 44, 5823-7	12.5	15
52	Protective effect of daily sesame oil supplement on gentamicin-induced renal injury in rats. <i>Shock</i> , <b>2010</b> , 33, 88-92	3.4	18
51	Effect of sesame oil on acidified ethanol-induced gastric mucosal injury in rats. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2009</b> , 33, 423-7	4.2	16
50	The protective effect of sesamol against mitochondrial oxidative stress and hepatic injury in acetaminophen-overdosed rats. <i>Shock</i> , <b>2009</b> , 32, 89-93	3.4	34
49	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> , <b>2009</b> , 15, 380-5	2.7	8
48	Sesame lignan sesamol protects against aspirin-induced gastric mucosal damage in rats. <i>Journal of Functional Foods</i> , <b>2009</b> , 1, 349-355	5.1	15
47	The prophylactic protective effect of sesamol against ferric-nitrosotriacetate-induced acute renal injury in mice. <i>Food and Chemical Toxicology</i> , <b>2008</b> , 46, 2736-41	4.7	30
46	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> , <b>2008</b> , 32, 276-80	4.2	9
45	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> , <b>2008</b> , 32, 154-9	4.2	23
44	Sesamol attenuates diclofenac-induced acute gastric mucosal injury via its cyclooxygenase-independent antioxidative effect in rats. <i>Shock</i> , <b>2008</b> , 30, 456-62	3.4	20

43	Gonadotrophin-releasing hormone-I and -II stimulate steroidogenesis in prepubertal murine Leydig cells in vitro. <i>Asian Journal of Andrology</i> , <b>2008</b> , 10, 929-36	2.8	15
42	Effect of sesame oil against acetaminophen-induced acute oxidative hepatic damage in rats. <i>Shock</i> , <b>2008</b> , 30, 217-21	3.4	19
41	The effect of sesamol on systemic oxidative stress and hepatic dysfunction in acutely iron-intoxicated mice. <i>Shock</i> , <b>2007</b> , 28, 596-601	3.4	45
40	Sesame oil protects against lead-plus-lipopolysaccharide-induced acute hepatic injury. <i>Shock</i> , <b>2007</b> , 27, 334-7	3.4	17
39	Sesame oil attenuates Cisplatin-induced hepatic and renal injuries by inhibiting nitric oxide-associated lipid peroxidation in mice. <i>Shock</i> , <b>2007</b> , 27, 199-204	3.4	17
38	Imposex in the golden apple snail <i>Pomacea canaliculata</i> in Taiwan. <i>Science of the Total Environment</i> , <b>2006</b> , 371, 138-43	10.2	16
37	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> , <b>2006</b> , 114, 507-13	8.4	29
36	Sesamol delays mortality and attenuates hepatic injury after cecal ligation and puncture in rats: role of oxidative stress. <i>Shock</i> , <b>2006</b> , 25, 528-32	3.4	64
35	Sesame oil attenuates acute iron-induced lipid peroxidation-associated hepatic damage in mice. <i>Shock</i> , <b>2006</b> , 26, 625-30	3.4	23
34	Attenuation of endotoxin-induced oxidative stress and multiple organ injury by 3,4-Methylenedioxyphenol in rats. <i>Shock</i> , <b>2006</b> , 25, 300-5	3.4	42
33	Regulatory mechanism of <i>Toona sinensis</i> on mouse leydig cell steroidogenesis. <i>Life Sciences</i> , <b>2005</b> , 76, 1473-87	6.8	48
32	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> , <b>2005</b> , 24, 188-93	3.4	12
31	Coexposure of lead- and lipopolysaccharide-induced liver injury in rats: involvement of nitric oxide-initiated oxidative stress and TNF-alpha. <i>Shock</i> , <b>2005</b> , 23, 360-4	3.4	29
30	Effect of sesame oil on oxidative-stress-associated renal injury in endotoxemic rats: involvement of nitric oxide and proinflammatory cytokines. <i>Shock</i> , <b>2005</b> , 24, 276-80	3.4	53
29	Epinephrine protects against severe acute gastric bleeding in rats: role of nitric oxide and glutathione. <i>Shock</i> , <b>2005</b> , 23, 253-7	3.4	7
28	Bicuculline methiodide attenuates hepatic injury and decreases mortality in septic rats: role of cytokines. <i>Shock</i> , <b>2004</b> , 22, 347-50	3.4	14
27	The effects of <i>Tremella aurantia</i> on testosterone and corticosterone productions in normal and diabetic rats. <i>Archives of Andrology</i> , <b>2004</b> , 50, 395-404		5
26	Parenteral sesame oil attenuates oxidative stress after endotoxin intoxication in rats. <i>Toxicology</i> , <b>2004</b> , 196, 147-53	4.4	21

25	Effect of GABA(A) receptor antagonist bicuculline methiodide on hypotension in endotoxin-intoxicated rats. <i>Toxicology</i> , <b>2004</b> , 200, 213-9	4.4	2
24	Involvement of nitric oxide in gastric protection of epinephrine in endotoxin intoxication in rats. <i>Toxicology</i> , <b>2004</b> , 204, 203-8	4.4	4
23	Regulation of tumor necrosis factor-alpha in glioma cells by lead and lipopolysaccharide: involvement of common signaling pathway. <i>Toxicology Letters</i> , <b>2004</b> , 152, 127-37	4.4	12
22	Effects of sesame oil on oxidative stress after the onset of sepsis in rats. <i>Shock</i> , <b>2004</b> , 22, 582-5	3.4	26
21	Sesame oil protects against lipopolysaccharide-stimulated oxidative stress in rats. <i>Critical Care Medicine</i> , <b>2004</b> , 32, 227-31	1.4	41
20	Effects of sesame oil on oxidative stress and hepatic injury after cecal ligation and puncture in rats. <i>Shock</i> , <b>2004</b> , 21, 466-9	3.4	34
19	Abamectin attenuates gastric mucosal damage induced by ethanol through activation of vagus nerve in rats. <i>Alcohol</i> , <b>2003</b> , 30, 61-5	2.7	10
18	Effects of amphetamine on steroidogenesis in MA-10 mouse Leydig tumor cells. <i>Life Sciences</i> , <b>2003</b> , 72, 1983-95	6.8	6
17	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> , <b>2003</b> , 171, 3947-54	5.3	24
16	The elucidation of epinephrine as an antihypotensive agent in abamectin intoxication. <i>Human and Experimental Toxicology</i> , <b>2003</b> , 22, 433-7	3.4	5
15	Enhancement of TNF-alpha expression does not trigger apoptosis upon exposure of glial cells to lead and lipopolysaccharide. <i>Toxicology</i> , <b>2002</b> , 178, 183-91	4.4	27
14	Phosphine-induced oxidative damage in rats: role of glutathione. <i>Toxicology</i> , <b>2002</b> , 179, 1-8	4.4	91
13	Sesame oil attenuates multiple organ failure and increases survival rate during endotoxemia in rats. <i>Critical Care Medicine</i> , <b>2002</b> , 30, 1859-62	1.4	38
12	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> , <b>2002</b> , 65, 557-67	3.2	12
11	Abamectin effects on aspartate aminotransferase and nitric oxide in rats. <i>Toxicology</i> , <b>2001</b> , 165, 189-93	4.4	28
10	The inhibitory effects of lead on steroidogenesis in MA-10 mouse Leydig tumor cells. <i>Life Sciences</i> , <b>2001</b> , 68, 849-59	6.8	26
9	In vitro aberrant gene expression as the indicator of lead-induced neurotoxicity in U-373MG cells. <i>Toxicology</i> , <b>2000</b> , 147, 59-64	4.4	15
8	Phosphine-induced oxidative damage in rats: attenuation by melatonin. <i>Free Radical Biology and Medicine</i> , <b>2000</b> , 28, 636-42	7.8	84

7	In vivo exposure to carbon disulfide increases the contraction frequency of pregnant rat uteri through an indirect pathway. <i>Life Sciences</i> , <b>2000</b> , 66, 201-8	6.8	6
6	Effects of vitamin E and/or C on reactive oxygen species-related lead toxicity in the rat sperm. <i>Toxicology</i> , <b>1998</b> , 128, 169-79	4.4	115
5	Lead exposure causes generation of reactive oxygen species and functional impairment in rat sperm. <i>Toxicology</i> , <b>1997</b> , 122, 133-43	4.4	91
4	Mechanism of formamidine synergism of pyrethroids. <i>Pesticide Biochemistry and Physiology</i> , <b>1992</b> , 43, 134-140	4.9	12
3	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> , <b>1991</b> , 41, 1-7	4.9	14
2	Down-regulation of saxitoxin binding in house flies by pyrethroids and other insecticides. <i>Pesticide Biochemistry and Physiology</i> , <b>1991</b> , 41, 232-237	4.9	6
1	Formamidines as synergists of cypermethrin in susceptible and pyrethroid resistant house flies (Diptera: Muscidae). <i>Journal of Economic Entomology</i> , <b>1990</b> , 83, 2181-6	2.2	25