

Jihan Seid Hussein

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.

49 papers	674 citations	15 h-index	24 g-index
52 ext. papers	839 ext. citations	3.1 avg, IF	4.3 L-index

#	Paper	IF	Citations
49	Antidiabetic assessment; in vivo study of gold and core-shell silver-gold nanoparticles on streptozotocin-induced diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 83, 865-875	7.5	66
48	Biocompatible zinc oxide nanocrystals stabilized via hydroxyethyl cellulose for mitigation of diabetic complications. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 748-754	7.9	52
47	Solvent-free and one-pot synthesis of silver and zinc oxide nanoparticles: Activity toward cell membrane component and insulin signaling pathway in experimental diabetes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 170, 76-84	6	47
46	Effect of Au-dextran NPs as anti-tumor agent against EAC and solid tumor in mice by biochemical evaluations and histopathological investigations. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 91, 1006-1016	7.5	45
45	Effect of aspartame on oxidative stress and monoamine neurotransmitter levels in lipopolysaccharide-treated mice. <i>Neurotoxicity Research</i> , 2012 , 21, 245-55	4.3	42
44	The therapeutic effect of nano-encapsulated and nano-emulsion forms of carvacrol on experimental liver fibrosis. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 90, 880-887	7.5	36
43	Synthesis of carvacrol-based nanoemulsion for treating neurodegenerative disorders in experimental diabetes. <i>Journal of Functional Foods</i> , 2017 , 37, 441-448	5.1	34
42	Anti-oxidant profiles and markers of oxidative stress in preterm neonates. <i>Paediatrics and International Child Health</i> , 2016 , 36, 134-40	1.4	32
41	Coenzyme Q10 and pro-inflammatory markers in children with Down syndrome: clinical and biochemical aspects. <i>Jornal De Pediatria</i> , 2017 , 93, 100-104	2.6	24
40	Solid state synthesis of docosahexaenoic acid-loaded zinc oxide nanoparticles as a potential antidiabetic agent in rats. <i>International Journal of Biological Macromolecules</i> , 2019 , 140, 1305-1314	7.9	23
39	The efficiency of blackberry loaded AgNPs, AuNPs and Ag@AuNPs mediated pectin in the treatment of cisplatin-induced cardiotoxicity in experimental rats. <i>International Journal of Biological Macromolecules</i> , 2020 , 159, 1084-1093	7.9	22
38	Effect of Ficus carica L. leaves extract loaded gold nanoparticles against cisplatin-induced acute kidney injury. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 184, 110465	6	19
37	Novel synthesized aminosteroidal heterocycles intervention for inhibiting iron-induced oxidative stress. <i>European Journal of Medicinal Chemistry</i> , 2005 , 40, 1283-94	6.8	17
36	Evaluation of urinary 8-hydroxy-2-deoxyguanosine level in experimental Alzheimer's disease: Impact of carvacrol nanoparticles. <i>Molecular Biology Reports</i> , 2019 , 46, 4517-4527	2.8	15
35	Synthesis of docosahexaenoic acid-loaded silver nanoparticles for improving endothelial dysfunctions in experimental diabetes. <i>Human and Experimental Toxicology</i> , 2019 , 38, 962-973	3.4	15
34	Flaxseed oil reduces oxidative stress and enhances brain monoamines release in streptozotocin-induced diabetic rats. <i>Human and Experimental Toxicology</i> , 2015 , 34, 1133-8	3.4	15
33	Protective effect of the functional yogurt based on Malva parviflora leaves extract nanoemulsion on acetic acid-induced ulcerative colitis in rats. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 14500-14508	5.5	15

32	Urinary bisphenol A concentrations in relation to asthma in a sample of Egyptian children. <i>Human and Experimental Toxicology</i> , 2018 , 37, 1180-1186	3.4	14
31	Estimation of serum level of interleukin-17 and interleukin-4 in leprosy, towards more understanding of leprosy immunopathogenesis. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , 2013 , 79, 772-6	0.8	12
30	Curcumin nanoparticles have potential antioxidant effect and restore tetrahydrobiopterin levels in experimental diabetes. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 131, 110688	7.5	12
29	Differential expression of miRNAs regulating NF- κ B and STAT3 crosstalk during colitis-associated tumorigenesis. <i>Molecular and Cellular Probes</i> , 2019 , 47, 101442	3.3	10
28	Homocysteine and Asymmetrical Dimethylarginine in Diabetic Rats Treated with Docosahexaenoic Acid-Loaded Zinc Oxide Nanoparticles. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 191, 1127-1139	3.2	10
27	Cannabis-induced impairment of learning and memory: effect of different nootropic drugs. <i>EXCLI Journal</i> , 2013 , 12, 193-214	2.4	9
26	Role of Heme Oxygenase, Leptin, Coenzyme Q10 and Trace Elements in Pre-eclamptic Women. <i>Indian Journal of Clinical Biochemistry</i> , 2012 , 27, 379-84	2.2	8
25	Effect of Omega-3 Fatty Acids on Erythrocyte Membrane in Diabetic Rats. <i>Macedonian Journal of Medical Sciences</i> , 2011 , 4, 234-239		8
24	Serum level of neopterin is not a marker of disease activity in treated rheumatoid arthritis patients. <i>Clinical Rheumatology</i> , 2017 , 36, 1975-1979	3.9	7
23	Nigrostriatal damage after systemic rotenone and/or lipopolysaccharide and the effect of cannabis. <i>Comparative Clinical Pathology</i> , 2014 , 23, 1343-1358	0.9	6
22	CARDIOPROTECTIVE EFFECT OF DATE PALM AGAINST DOXORUBICIN-INDUCED CARDIOTOXICITY. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018 , 11, 141	0.4	6
21	Effects of resveratrol in combination with 5-fluorouracil on N-methylnitrosourea-induced colon cancer in rats. <i>Comparative Clinical Pathology</i> , 2019 , 28, 1351-1362	0.9	5
20	Synthesis of docosahexaenoic acid loaded zinc oxide nanoparticles as a promising treatment in neurotoxicity. <i>Comparative Clinical Pathology</i> , 2019 , 28, 1455-1464	0.9	5
19	Eco-friendly Microwave Synthesis of Gold Nanoparticles for Attenuation of Brain Dysfunction in Diabetic Rats. <i>Journal of Cluster Science</i> , 2021 , 32, 423-435	3	5
18	Stimulatory effect of docosahexaenoic acid alone or loaded in zinc oxide or silver nanoparticles on the expression of glucose transport pathway. <i>Prostaglandins and Other Lipid Mediators</i> , 2021 , 155, 106568	3.7	5
17	Effect of a single intrastriatal rotenone injection on oxidative stress and neurodegeneration in the rat brain. <i>Comparative Clinical Pathology</i> , 2014 , 23, 1457-1467	0.9	4
16	Heteroxenia Ghardaqensis Extract Protects Against DNA Damage in Streptozotocin-Induced Experimental Diabetes. <i>Biomedical and Pharmacology Journal</i> , 2019 , 12, 71-78	0.9	4
15	Amelioration of neurotoxicity induced by esfenvalerate: impact of <i>Cyperus rotundus</i> L. tuber extract. <i>Comparative Clinical Pathology</i> , 2021 , 30, 1-10	0.9	4

14	Synthesis of an environmentally quercetin nanoemulsion to ameliorate diabetic-induced cardiotoxicity. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 33, 101983	4.2	3
13	Influence of irisin on diet-induced metabolic syndrome in experimental rat model. <i>Journal of Complementary and Integrative Medicine</i> , 2021 , 18, 347-354	1.5	3
12	Shoot aqueous extract of Crantz (cassava) acts as a protective agent against paracetamol-induced liver injury. <i>Natural Product Research</i> , 2021 , 35, 4724-4728	2.3	2
11	Atherogenic coefficient and atherogenic index in Doxorubicin-induced cardiotoxicity: impact of date palm extract. <i>Comparative Clinical Pathology</i> , 2018 , 27, 1515-1522	0.9	2
10	Protective Effect of Polyunsaturated Fatty Acids against Experimental Lung Injury Induced by Acute Ethanol Inhalation. <i>Biomedical and Pharmacology Journal</i> , 2019 , 12, 533-538	0.9	2
9	Anti-oxidant profiles and markers of oxidative stress in preterm neonates. <i>Paediatrics and International Child Health</i> , 2016 ,	1.4	2
8	Prophylactic effect of probiotics fortified with pulp nanoemulsion against ethanol-induced gastric ulcer. <i>Toxicology Mechanisms and Methods</i> , 2021 , 31, 699-710	3.6	2
7	Coenzyme Q10 and pro-inflammatory markers in children with Down syndrome: clinical and biochemical aspects. <i>Jornal De Pediatria (Versão Em Português)</i> , 2017 , 93, 100-104	0.2	1
6	Genetically engineered CAR T-immune cells for cancer therapy: recent clinical developments, challenges, and future directions.. <i>Journal of Applied Biomedicine</i> , 2019 , 17, 11	0.6	1
5	Protective Effect of Either Dietary or Pharmaceutical n-3 Fatty Acids on Bone Loss in Ovariectomized Rats. <i>Macedonian Journal of Medical Sciences</i> , 2010 , 3, 9-16		1
4	Circulating Plasma Free Fatty Acids, Insulin Resistance and Metabolic Markers in Obese Women. <i>Biomedical and Pharmacology Journal</i> , 2020 , 13, 1595-1600	0.9	1
3	Hypoxia-induced oxidative stress in high altitude population: impact of coenzyme Q10 supplementation. <i>Journal of Complementary and Integrative Medicine</i> , 2020 , 18, 621-626	1.5	1
2	Docosahexaenoic acid modulates oxidative stress and monoamines levels in brain of streptozotocin-induced diabetic rats. <i>Acta Facultatis Medicae Naissensis</i> , 2021 , 38, 135-146	0.2	
1	Hibiscus Sabdariffa L. Nanoparticles Offer a Preventive Potential Against Experimental Ehrlich Solid Carcinoma. <i>Biomedical and Pharmacology Journal</i> , 2022 , 15, 33-47	0.9	