

Solomon E Owumi

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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.

72 papers	704 citations	14 h-index	22 g-index
84 ext. papers	992 ext. citations	3.1 avg, IF	5.13 L-index

#	Paper	IF	Citations
72	Manganese suppresses oxidative stress, inflammation and caspase-3 activation in rats exposed to chlorpyrifos. <i>Toxicology Reports</i> , 2019 , 6, 202-209	4.8	54
71	Dietary protocatechuic acid ameliorates dextran sulphate sodium-induced ulcerative colitis and hepatotoxicity in rats. <i>Food and Function</i> , 2016 , 7, 913-21	6.1	53
70	Aflatoxin B ₁ and ethanol co-exposure induces hepatic oxidative damage in mice. <i>Toxicology and Industrial Health</i> , 2010 , 26, 717-24	1.8	48
69	Gallic acid protects against Aflatoxin B ₁ -induced oxidative and inflammatory stress damage in rats kidneys and liver. <i>Journal of Food Biochemistry</i> , 2020 , 44, e13316	3.3	27
68	Dietary protocatechuic acid abrogates male reproductive dysfunction in streptozotocin-induced diabetic rats via suppression of oxidative damage, inflammation and caspase-3 activity. <i>European Journal of Pharmacology</i> , 2019 , 849, 30-42	5.3	26
67	Hepatorenal protective effects of protocatechuic acid in rats administered with anticancer drug methotrexate. <i>Human and Experimental Toxicology</i> , 2019 , 38, 1254-1265	3.4	23
66	In vitro studies to assess the antioxidative, radical scavenging and arginase inhibitory potentials of extracts from <i>Artocarpus altilis</i> , <i>Ficus exasperate</i> and <i>Kigelia africana</i> . <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2014 , 4, S492-9	1.4	22
65	Protocatechuic acid inhibits testicular and epididymal toxicity associated with methotrexate in rats. <i>Andrologia</i> , 2019 , 51, e13350	2.4	21
64	The Potential for Plant Derivatives against Acrylamide Neurotoxicity. <i>Phytotherapy Research</i> , 2015 , 29, 978-85	6.7	21
63	Gallic acid and omega-3 fatty acids decrease inflammatory and oxidative stress in manganese-treated rats. <i>Experimental Biology and Medicine</i> , 2020 , 245, 835-844	3.7	21
62	Gallic acid enhances reproductive function by modulating oxido-inflammatory and apoptosis mediators in rats exposed to aflatoxin-B ₁ . <i>Experimental Biology and Medicine</i> , 2020 , 245, 1016-1028	3.7	19
61	AutoGate: automating analysis of flow cytometry data. <i>Immunologic Research</i> , 2014 , 58, 218-23	4.3	18
60	Co-administration of N-Acetylcysteine and Acetaminophen Efficiently Blocks Acetaminophen Toxicity. <i>Drug Development Research</i> , 2015 , 76, 251-8	5.1	18
59	Fluoride and diethylnitrosamine coexposure enhances oxido-inflammatory responses and caspase-3 activation in liver and kidney of adult rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019 , 33, e22327	3.4	17
58	Protocatechuic acid ameliorates testosterone-induced benign prostatic hyperplasia through the regulation of inflammation and oxidative stress in castrated rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020 , 34, e22502	3.4	14
57	Selenium attenuates diclofenac-induced testicular and epididymal toxicity in rats. <i>Andrologia</i> , 2020 , 52, e13669	2.4	13
56	Protocatechuic acid modulates reproductive dysfunction linked to furan exposure in rats. <i>Toxicology</i> , 2020 , 442, 152556	4.4	13

55	ameliorates ovarian and uterine oxido-inflammatory responses in -methyl--nitrosoarea and benzo[a]pyrene-treated rats. <i>Experimental Biology and Medicine</i> , 2020 , 245, 1490-1503	3.7	13
54	Rutin ameliorates copper sulfate-induced brain damage via antioxidative and anti-inflammatory activities in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021 , 35, e22623	3.4	13
53	Gallic acid and omega-3 fatty acids mitigate epididymal and testicular toxicity in manganese-treated rats. <i>Andrologia</i> , 2020 , 52, e13630	2.4	12
52	Chlorogenic acid co-administration abates tamoxifen-mediated reproductive toxicities in male rats: An experimental approach. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13615	3.3	12
51	Evaluation of hepatotoxicity and clastogenicity of carbofuran in male Wistar rats. <i>Food and Chemical Toxicology</i> , 2014 , 65, 115-9	4.7	11
50	Co-administration of sodium arsenite and ethanol: Protection by aqueous extract of Aframomum longiscapum seeds. <i>Pharmacognosy Research (discontinued)</i> , 2012 , 4, 154-60	0.7	11
49	Lopinavir/Ritonavir, an Antiretroviral Drug, Lowers Sperm Quality and Induces Testicular Oxidative Damage in Rats. <i>Tokai Journal of Experimental and Clinical Medicine</i> , 2015 , 40, 51-7	0.4	11
48	Luteolin attenuates doxorubicin-induced derangements of liver and kidney by reducing oxidative and inflammatory stress to suppress apoptosis. <i>Human and Experimental Toxicology</i> , 2021 , 40, 1656-1672	3.4	10
47	Biochemical alterations in diclofenac-treated rats: Effect of selenium on oxidative stress, inflammation, and hematological changes. <i>Toxicology Research and Application</i> , 2019 , 3, 239784731987435	9.8	9
46	Root bark extract of Calliandra portoricensis (Jacq.) Benth. chemoprevents N-methyl-N-nitrosoarea-induced mammary gland toxicity in rats. <i>Journal of Ethnopharmacology</i> , 2019 , 233, 22-33	5	9
45	Cadmium and nickel co-exposure exacerbates genotoxicity and not oxido-inflammatory stress in liver and kidney of rats: Protective role of omega-3 fatty acid. <i>Environmental Toxicology</i> , 2020 , 35, 231-241	4.2	9
44	Co-administration of Luteolin mitigated toxicity in rats lungs associated with doxorubicin treatment. <i>Toxicology and Applied Pharmacology</i> , 2021 , 411, 115380	4.6	9
43	Determination of metal ion contents of two antiemetic clays use in Geophagy. <i>Toxicology Reports</i> , 2015 , 2, 928-932	4.8	8
42	Toxicity associated with repeated administration of artemether-lumefantrine in rats. <i>Environmental Toxicology</i> , 2015 , 30, 301-7	4.2	8
41	Methyl jasmonate reduces testosterone-induced benign prostatic hyperplasia through regulation of inflammatory and apoptotic processes in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 95, 1493-1503	7.5	7
40	Neuroprotective role of gallic acid in aflatoxin B-induced behavioral abnormalities in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021 , 35, e22684	3.4	7
39	Kolaviron via anti-inflammatory and redox regulatory mechanisms abates multi-walled carbon nanotubes-induced neurobehavioral deficits in rats. <i>Psychopharmacology</i> , 2020 , 237, 1027-1040	4.7	7
38	Ameliorative effects of hexane extract of seeds Heckel () in cisplatin-induced hepatorenal toxicity in mice. <i>Drug and Chemical Toxicology</i> , 2020 , 1-11	2.3	7

37	The modulatory effect of taurine on benzo (a) pyrene-induced hepatorenal toxicity. <i>Toxicology Research</i> , 2021 , 10, 389-398	2.6	7
36	Diethylnitrosamine aggravates cadmium-induced hepatorenal oxidative damage in prepubertal rats. <i>Toxicology and Industrial Health</i> , 2019 , 35, 537-547	1.8	6
35	Protective effect of <i>Juglans nigra</i> on sodium arsenite-induced toxicity in rats. <i>Pharmacognosy Research (discontinued)</i> , 2013 , 5, 183-8	0.7	6
34	Acute diethyl nitrosamine and cadmium co-exposure exacerbates deficits in endocrine balance, sperm characteristics and antioxidant defence mechanisms in testes of pubertal rats. <i>Andrologia</i> , 2019 , 51, e13230	2.4	6
33	Dichloromethane and ethanol co-exposure aggravates oxidative stress indices causing hepatic and renal dysfunction in pubertal rats.. <i>Toxicology Research and Application</i> , 2019 , 3, 239784731985528	0.8	5
32	N-acetyl cysteine co-treatment abates perfluorooctanoic acid-induced reproductive toxicity in male rats. <i>Andrologia</i> , 2021 , 53, e14037	2.4	5
31	<i>Calliandra portoricensis</i> Benth exhibits anticancer effects via alteration of Bax/Bcl-2 ratio and growth arrest in prostate LNCaP cells. <i>Journal of Ethnopharmacology</i> , 2019 , 233, 64-72	5	5
30	Chlorogenic acid abates oxido-inflammatory and apoptotic responses in the liver and kidney of Tamoxifen-treated rats. <i>Toxicology Research</i> , 2021 , 10, 345-353	2.6	5
29	Quercetin abates induction of hepatic and renal oxidative damage, inflammation, and apoptosis in carbendazim-treated rats. <i>Toxicology Research and Application</i> , 2019 , 3, 239784731984952	0.8	4
28	Depletion of Kupffer cells modulates ethanol-induced hepatocyte DNA synthesis in C57Bl/6 mice. <i>Environmental Toxicology</i> , 2014 , 29, 867-75	4.2	4
27	Luteolin abates reproductive toxicity mediated by the oxido-inflammatory response in Doxorubicin-treated rats. <i>Toxicology Research and Application</i> , 2020 , 4, 239784732097204	0.8	4
26	Toxicological and phytoprotective effect of <i>Keayodendron bridelioides</i> and <i>Monodora myristica</i> extracts in Wister rats. <i>Pharmacognosy Research (discontinued)</i> , 2015 , 7, S26-33	0.7	4
25	Neurobehavioural and biochemical responses associated with exposure to binary waterborne mixtures of zinc and nickel in rats. <i>Environmental Toxicology and Pharmacology</i> , 2020 , 73, 103294	5.8	4
24	Protective mechanisms of gallic acid on hepatorenal dysfunction of zearalenone treated rat. <i>Biologia (Poland)</i> , 2021 , 76, 3123-3135	1.5	4
23	Oxido-inflammatory responses and histological alterations in rat lungs exposed to petroleum product fumes. <i>Environmental Toxicology</i> , 2020 ,	4.2	4
22	Induction of micronuclei in bone marrow cells and hepatotoxicity of one of the most common over-the-counter pyrethroid insecticide products in Nigeria. <i>Toxicological and Environmental Chemistry</i> , 2012 , 94, 1822-1831	1.4	3
21	Caffeic acid protects against DNA damage, oxidative and inflammatory mediated toxicities, and upregulated caspases activation in the hepatorenal system of rats treated with aflatoxin B.. <i>Toxicon</i> , 2022 , 207, 1-12	2.8	3
20	N-acetyl cysteine abates hepatorenal toxicities induced by perfluorooctanoic acid exposure in male rats. <i>Environmental Toxicology and Pharmacology</i> , 2021 , 86, 103667	5.8	3

19	Decrease in reproductive dysfunction using aflatoxin B1 exposure: a treatment with 3-indolepropionic acid in albino Wistar rat. <i>Andrologia</i> , 2021 , e14248	2.4	3
18	3-Indolepropionic acid upturned male reproductive function by reducing oxido-inflammatory responses and apoptosis along the hypothalamic-pituitary-gonadal axis of adult rats exposed to chlorpyrifos. <i>Toxicology</i> , 2021 , 463, 152996	4.4	2
17	Dietary quercetin abrogates hepatorenal oxidative damage associated with dichloromethane exposure in rats. <i>Acta Biochimica Polonica</i> , 2019 , 66, 201-206	2	2
16	Clastogenic and toxicological assessment of cashew (<i>Anacardium occidentale</i>) nut bark extracts in Wistar rats. <i>Acta Biochimica Polonica</i> , 2015 , 62, 563-7	2	1
15	Effect of electronic waste on E. coli genomic integrity: a possible role for metal induced carcinogenesis. <i>Toxicological and Environmental Chemistry</i> , 2014 , 96, 1581-1591	1.4	1
14	Indole-3-propionic acid mitigates chlorpyrifos-mediated neurotoxicity by modulating cholinergic and redox-regulatory systems, inflammatory stress, apoptotic responses and DNA damage in rats.. <i>Environmental Toxicology and Pharmacology</i> , 2021 , 89, 103786	5.8	1
13	Caffeic acid mitigates aflatoxin B1-mediated toxicity in the male rat reproductive system by modulating inflammatory and apoptotic responses, testicular function, and the redox-regulatory systems.. <i>Journal of Food Biochemistry</i> , 2022 , e14090	3.3	1
12	Petroleum Refining Chemicals Enhance Aflatoxin B1-induced Toxicities in Wistar Rats. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2007 , 7, 615-619	0.5	1
11	Leaf paste of favourably modulates deleterious effects associated with exposure to diethylnitrosamine in male Wistar rats. <i>Journal of Complementary and Integrative Medicine</i> , 2021 ,	1.5	1
10	Combine effect of exposure to petrol, kerosene and diesel fumes: On hepatic oxidative stress and haematological function in rats. <i>Toxicology and Industrial Health</i> , 2021 , 37, 336-352	1.8	1
9	Kolaviron suppresses dysfunctional reproductive axis associated with multi-walled carbon nanotubes exposure in male rats. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 354-364	5.1	1
8	Protocatechuic acid protects against hepatorenal toxicities in rats exposed to Furan. <i>Drug and Chemical Toxicology</i> , 2021 , 1-11	2.3	1
7	Benzo-a-pyrene-induced reproductive toxicity was abated in rats co-treated with taurine. <i>Toxin Reviews</i> , 1-14	2.3	1
6	Apigeninidin-rich Sorghum bicolor (L. Moench) extracts suppress A549 cells proliferation and ameliorate toxicity of aflatoxin B1-mediated liver and kidney derangement in rats.. <i>Scientific Reports</i> , 2022 , 12, 7438	4.9	1
5	Biochemical and histological alterations of doxorubicin-induced neurotoxicity in rats: Protective role of luteolin. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021 , e22962	3.4	0
4	Coadministration of gallic acid abates zearalenone-mediated defects in male rat's reproductive function. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021 , e22940	3.4	0
3	Physicochemical parameters and selected heavy metals assessment of drinking water at the students residences of the Nigerian Premier University. <i>African Journal of Biochemistry Research</i> , 2013 , 7, 203-209	0.3	
2	Isoniazid Induced Toxicities and Idiosyncratic Responses in Male Albino Wistar Rats. <i>Journal of Cancer Research Updates</i> , 2017 , 6, 29-37	1	

- 1 Chloroform extract of inhibits tumourigenic effect of -methyl--nitrosourea and benzo(a)pyrene in breast experimental cancer. *Drug and Chemical Toxicology*, **2021**, 1-15 2.3