Solomon E Owumi

List of Publications by Year in Descending Order

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	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.. *Journal of Food Biochemistry*, **2022**, e14090	3.3	1
71	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.. *Toxicon* , **2022**, 207, 1-12	2.8	3
70	Apigeninidin-rich Sorghum bicolor (L. Moench) extracts suppress A549 cells proliferation and ameliorate toxicity of aflatoxin B1-mediated liver and kidney derangement in rats.. *Scientific Reports*, **2022**, 12, 7438	4.9	1
69	Indole-3-propionic acid mitigates chlorpyrifos-mediated neurotoxicity by modulating cholinergic and redox-regulatory systems, inflammatory stress, apoptotic responses and DNA damage in rats.. *Environmental Toxicology and Pharmacology*, **2021**, 89, 103786	5.8	1
68	Biochemical and histological alterations of doxorubicin-induced neurotoxicity in rats: Protective role of luteolin. *Journal of Biochemical and Molecular Toxicology*, **2021**, e22962	3.4	0
67	Leaf paste of favourably modulates deleterious effects associated with exposure to diethylnitrosamine in male Wistar rats. *Journal of Complementary and Integrative Medicine*, **2021**,	1.5	1
66	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. *Toxicology*, **2021**, 463, 152996	4.4	2
65	Coadministration of gallic acid abates zearalenone-mediated defects in male rat's reproductive function. *Journal of Biochemical and Molecular Toxicology*, **2021**, e22940	3.4	0
64	Neuroprotective role of gallic acid in aflatoxin B -induced behavioral abnormalities in rats. *Journal of Biochemical and Molecular Toxicology*, **2021**, 35, e22684	3.4	7
63	N-acetyl cysteine co-treatment abates perfluorooctanoic acid-induced reproductive toxicity in male rats. *Andrologia*, **2021**, 53, e14037	2.4	5
62	Luteolin attenuates doxorubicin-induced derangements of liver and kidney by reducing oxidative and inflammatory stress to suppress apoptosis. *Human and Experimental Toxicology*, **2021**, 40, 1656-1672	3.4	10
61	The modulatory effect of taurine on benzo (a) pyrene-induced hepatorenal toxicity. *Toxicology Research*, **2021**, 10, 389-398	2.6	7
60	Combine effect of exposure to petrol, kerosene and diesel fumes: On hepatic oxidative stress and haematological function in rats. *Toxicology and Industrial Health*, **2021**, 37, 336-352	1.8	1
59	Protective mechanisms of gallic acid on hepatorenal dysfunction of zearalenone treated rat. *Biologia (Poland)*, **2021**, 76, 3123-3135	1.5	4
58	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	
57	Rutin ameliorates copper sulfate-induced brain damage via antioxidative and anti-inflammatory activities in rats. *Journal of Biochemical and Molecular Toxicology*, **2021**, 35, e22623	3.4	13
56	Kolaviron suppresses dysfunctional reproductive axis associated with multi-walled carbon nanotubes exposure in male rats. *Environmental Science and Pollution Research*, **2021**, 28, 354-364	5.1	1

55	Protocatechuic acid protects against hepatorenal toxicities in rats exposed to Furan. *Drug and Chemical Toxicology*, **2021**, 1-11	2.3	1
54	Chlorogenic acid abates oxido-inflammatory and apoptotic responses in the liver and kidney of Tamoxifen-treated rats. *Toxicology Research*, **2021**, 10, 345-353	2.6	5
53	N-acetyl cysteine abates hepatorenal toxicities induced by perfluorooctanoic acid exposure in male rats. *Environmental Toxicology and Pharmacology*, **2021**, 86, 103667	5.8	3
52	Decrease in reproductive dysfunction using aflatoxin B1 exposure: a treatment with 3-indolepropionic acid in albino Wistar rat. *Andrologia*, **2021**, e14248	2.4	3
51	Chlorogenic acid co-administration abates tamoxifen-mediated reproductive toxicities in male rats: An experimental approach. *Journal of Food Biochemistry*, **2021**, 45, e13615	3.3	12
50	Co-administration of Luteolin mitigated toxicity in ratsTlungs associated with doxorubicin treatment. *Toxicology and Applied Pharmacology*, **2021**, 411, 115380	4.6	9
49	Gallic acid and omega-3 fatty acids mitigate epididymal and testicular toxicity in manganese-treated rats. *Andrologia*, **2020**, 52, e13630	2.4	12
48	Gallic acid protects against Aflatoxin B -induced oxidative and inflammatory stress damage in rats kidneys and liver. *Journal of Food Biochemistry*, **2020**, 44, e13316	3.3	27
47	Gallic acid enhances reproductive function by modulating oxido-inflammatory and apoptosis mediators in rats exposed to aflatoxin-B1. *Experimental Biology and Medicine*, **2020**, 245, 1016-1028	3.7	19
46	Selenium attenuates diclofenac-induced testicular and epididymal toxicity in rats. *Andrologia*, **2020**, 52, e13669	2.4	13
45	Protocatechuic acid ameliorates testosterone-induced benign prostatic hyperplasia through the regulation of inflammation and oxidative stress in castrated rats. *Journal of Biochemical and Molecular Toxicology*, **2020**, 34, e22502	3.4	14
44	Luteolin abates reproductive toxicity mediated by the oxido-inflammatory response in Doxorubicin-treated rats. *Toxicology Research and Application*, **2020**, 4, 239784732097204	0.8	4
43	Neurobehavioural and biochemical responses associated with exposure to binary waterborne mixtures of zinc and nickel in rats. *Environmental Toxicology and Pharmacology*, **2020**, 73, 103294	5.8	4
42	Kolaviron via anti-inflammatory and redox regulatory mechanisms abates multi-walled carbon nanotubes-induced neurobehavioral deficits in rats. *Psychopharmacology*, **2020**, 237, 1027-1040	4.7	7
41	Protocatechuic acid modulates reproductive dysfunction linked to furan exposure in rats. *Toxicology*, **2020**, 442, 152556	4.4	13
40	ameliorates ovarian and uterine oxido-inflammatory responses in -methyl--nitrosourea and benzo[a]pyrene-treated rats. *Experimental Biology and Medicine*, **2020**, 245, 1490-1503	3.7	13
39	Ameliorative effects of hexane extract of seeds Heckel () in cisplatin-induced hepatorenal toxicity in mice. *Drug and Chemical Toxicology*, **2020**, 1-11	2.3	7
38	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. *Environmental Toxicology*, **2020**, 35, 231-241	4.2	9

37	Gallic acid and omega-3 fatty acids decrease inflammatory and oxidative stress in manganese-treated rats. *Experimental Biology and Medicine*, **2020**, 245, 835-844	3.7	21
36	Oxido-inflammatory responses and histological alterations in rat lungs exposed to petroleum product fumes. *Environmental Toxicology*, **2020**,	4.2	4
35	Dietary protocatechuic acid abrogates male reproductive dysfunction in streptozotocin-induced diabetic rats via suppression of oxidative damage, inflammation and caspase-3 activity. *European Journal of Pharmacology*, **2019**, 849, 30-42	5.3	26
34	Protocatechuic acid inhibits testicular and epididymal toxicity associated with methotrexate in rats. *Andrologia*, **2019**, 51, e13350	2.4	21
33	Fluoride and diethylnitrosamine coexposure enhances oxido-inflammatory responses and caspase-3 activation in liver and kidney of adult rats. *Journal of Biochemical and Molecular Toxicology*, **2019**, 33, e22327	3.4	17
32	Manganese suppresses oxidative stress, inflammation and caspase-3 activation in rats exposed to chlorpyrifos. *Toxicology Reports*, **2019**, 6, 202-209	4.8	54
31	Dichloromethane and ethanol co-exposure aggravates oxidative stress indices causing hepatic and renal dysfunction in pubertal rats.. *Toxicology Research and Application*, **2019**, 3, 239784731985528	0.8	5
30	Hepatorenal protective effects of protocatechuic acid in rats administered with anticancer drug methotrexate. *Human and Experimental Toxicology*, **2019**, 38, 1254-1265	3.4	23
29	Quercetin abates induction of hepatic and renal oxidative damage, inflammation, and apoptosis in carbendazim-treated rats. *Toxicology Research and Application*, **2019**, 3, 239784731984952	0.8	4
28	Diethylnitrosamine aggravates cadmium-induced hepatorenal oxidative damage in prepubertal rats. *Toxicology and Industrial Health*, **2019**, 35, 537-547	1.8	6
27	Biochemical alterations in diclofenac-treated rats: Effect of selenium on oxidative stress, inflammation, and hematological changes. *Toxicology Research and Application*, **2019**, 3, 239784731987435	0.8	9
26	Dietary quercetin abrogates hepatorenal oxidative damage associated with dichloromethane exposure in rats. *Acta Biochimica Polonica*, **2019**, 66, 201-206	2	2
25	Calliandra portoricensis Benth exhibits anticancer effects via alteration of Bax/Bcl-2 ratio and growth arrest in prostate LNCaP cells. *Journal of Ethnopharmacology*, **2019**, 233, 64-72	5	5
24	Root bark extract of Calliandra portoricensis (Jacq.) Benth. chemoprevents N-methyl-N-nitrosourea-induced mammary gland toxicity in rats. *Journal of Ethnopharmacology*, **2019**, 233, 22-33	5	9
23	Acute diethyl nitrosamine and cadmium co-exposure exacerbates deficits in endocrine balance, sperm characteristics and antioxidant defence mechanisms in testes of pubertal rats. *Andrologia*, **2019**, 51, e13230	2.4	6
22	Methyl jasmonate reduces testosterone-induced benign prostatic hyperplasia through regulation of inflammatory and apoptotic processes in rats. *Biomedicine and Pharmacotherapy*, **2017**, 95, 1493-1503	7.5	7
21	Isoniazid Induced Toxicities and Idiosyncratic Responses in Male Albino Wistar Rats. *Journal of Cancer Research Updates*, **2017**, 6, 29-37	1	
20	Dietary protocatechuic acid ameliorates dextran sulphate sodium-induced ulcerative colitis and hepatotoxicity in rats. *Food and Function*, **2016**, 7, 913-21	6.1	53

19	Determination of metal ion contents of two antiemetic clays use in Geophagy. *Toxicology Reports*, **2015**, 2, 928-932	4.8	8
18	Co-administration of N-Acetylcysteine and Acetaminophen Efficiently Blocks Acetaminophen Toxicity. *Drug Development Research*, **2015**, 76, 251-8	5.1	18
17	Toxicity associated with repeated administration of artemether-lumefantrine in rats. *Environmental Toxicology*, **2015**, 30, 301-7	4.2	8
16	The Potential for Plant Derivatives against Acrylamide Neurotoxicity. *Phytotherapy Research*, **2015**, 29, 978-85	6.7	21
15	Clastogenic and toxicological assessment of cashew (Anacardium occidentale) nut bark extracts in Wistar rats. *Acta Biochimica Polonica*, **2015**, 62, 563-7	2	1
14	Toxicological and phytoprotective effect of Keayodendron bridelioides and Monodora myristica extracts in Wister rats. *Pharmacognosy Research (discontinued)*, **2015**, 7, S26-33	0.7	4
13	Lopinavir/Ritonavir, an Antiretroviral Drug, Lowers Sperm Quality and Induces Testicular Oxidative Damage in Rats. *Tokai Journal of Experimental and Clinical Medicine*, **2015**, 40, 51-7	0.4	11
12	Evaluation of hepatotoxicity and clastogenicity of carbofuran in male Wistar rats. *Food and Chemical Toxicology*, **2014**, 65, 115-9	4.7	11
11	AutoGate: automating analysis of flow cytometry data. *Immunologic Research*, **2014**, 58, 218-23	4.3	18
10	Effect of electronic waste on E. coli genomic integrity: a possible role for metal induced carcinogenesis. *Toxicological and Environmental Chemistry*, **2014**, 96, 1581-1591	1.4	1
9	In vitro studies to assess the antioxidative, radical scavenging and arginase inhibitory potentials of extracts from Artocarpus altilis, Ficus exasperate and Kigelia africana. *Asian Pacific Journal of Tropical Biomedicine*, **2014**, 4, S492-9	1.4	22
8	Depletion of Kupffer cells modulates ethanol-induced hepatocyte DNA synthesis in C57Bl/6 mice. *Environmental Toxicology*, **2014**, 29, 867-75	4.2	4
7	Protective effect of Juglans nigra on sodium arsenite-induced toxicity in rats. *Pharmacognosy Research (discontinued)*, **2013**, 5, 183-8	0.7	6
6	Physicochemical parameters and selected heavy metals assessment of drinking water at the students residences of the Nigerian Premier University. *African Journal of Biochemistry Research*, **2013**, 7, 203-209	0.3	
5	Co-administration of sodium arsenite and ethanol: Protection by aqueous extract of Aframomum longiscapum seeds. *Pharmacognosy Research (discontinued)*, **2012**, 4, 154-60	0.7	11
4	Induction of micronuclei in bone marrow cells and hepatotoxicity of one of the most common over-the-counter pyrethroid insecticide products in Nigeria. *Toxicological and Environmental Chemistry*, **2012**, 94, 1822-1831	1.4	3
3	Aflatoxin B□and ethanol co-exposure induces hepatic oxidative damage in mice. *Toxicology and Industrial Health*, **2010**, 26, 717-24	1.8	48
2	Petroleum Refining Chemicals Enhance Aflatoxin B1-induced Toxicities in Wistar Rats. *Journal of Medical Sciences (Faisalabad, Pakistan)*, **2007**, 7, 615-619	0.5	1

1 Benzo-a-pyrene-induced reproductive toxicity was abated in rats co-treated with taurine. *Toxin Reviews*,1-14 2.3 1