

Sunny O Abarikwu

List of Publications by Year in descending order

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65
papers

1,895
citations

236833

25
h-index

289141

40
g-index

66
all docs

66
docs citations

66
times ranked

2151
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in Sperm Characteristics and Induction of Oxidative Stress in the Testis and Epididymis of Experimental Rats by a Herbicide, Atrazine. Archives of Environmental Contamination and Toxicology, 2010, 58, 874-882.	2.1	125
2	Curcumin and Kolaviron Ameliorate Di-n-Butylphthalate-Induced Testicular Damage in Rats. Basic and Clinical Pharmacology and Toxicology, 2007, 100, 43-48.	1.2	105
3	Kolaviron, a natural flavonoid from the seeds of Garcinia kola, reduces LPS-induced inflammation in macrophages by combined inhibition of IL-6 secretion, and inflammatory transcription factors, ERK1/2, NF- κ B, p38, Akt, p-cJUN and JNK. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 2373-2381.	1.1	85
4	Rutin ameliorates cyclophosphamide-induced reproductive toxicity in male rats. Toxicology International, 2012, 19, 207.	0.1	81
5	COVID-19 vaccinations: The unknowns, challenges, and hopes. Journal of Medical Virology, 2022, 94, 1336-1349.	2.5	75
6	Combined effects of repeated administration of Bretmont Wipeout (glyphosate) and Ultrazin (atrazine) on testosterone, oxidative stress and sperm quality of Wistar rats. Toxicology Mechanisms and Methods, 2015, 25, 70-80.	1.3	69
7	Rutin- and Selenium-attenuated cadmium-induced testicular pathophysiology in rats. Human and Experimental Toxicology, 2013, 32, 395-406.	1.1	68
8	Selenium provides protection to the liver but not the reproductive organs in an atrazine-model of experimental toxicity. Experimental and Toxicologic Pathology, 2011, 63, 201-207.	2.1	65
9	Borderless collaboration is needed for COVID-19 "A disease that knows no borders. Infection Control and Hospital Epidemiology, 2020, 41, 1245-1246.	1.0	64
10	Protective effect of quercetin on atrazine-induced oxidative stress in the Liver, Kidney, Brain, and Heart of adult wistar rats. Toxicology International, 2014, 21, 148.	0.1	61
11	Rutin, an antioxidant flavonoid, induces glutathione and glutathione peroxidase activities to protect against ethanol effects in cadmium-induced oxidative stress in the testis of adult rats. Andrologia, 2017, 49, e12696.	1.0	57
12	Combined administration of curcumin and gallic acid inhibits gallic acid-induced suppression of steroidogenesis, sperm output, antioxidant defenses and inflammatory responsive genes. Journal of Steroid Biochemistry and Molecular Biology, 2014, 143, 49-60.	1.2	56
13	Kolaviron protects apoptotic cell death in PC12 cells exposed to Atrazine. Free Radical Research, 2011, 45, 1061-1073.	1.5	45
14	4-Hydroxynonenal Induces Mitochondrial-Mediated Apoptosis and Oxidative Stress in SH-SY5Y Human Neuronal Cells. Basic and Clinical Pharmacology and Toxicology, 2012, 110, 441-448.	1.2	44
15	Dietary Antioxidant, Quercetin, Protects Sertoli-Germ Cell Coculture from Atrazine-Induced Oxidative Damage. Journal of Biochemical and Molecular Toxicology, 2012, 26, 477-485.	1.4	43
16	Atrazine induces apoptosis of SH-SY5Y human neuroblastoma cells via the regulation of Bax/Bcl-2 ratio and caspase-3-dependent pathway. Pesticide Biochemistry and Physiology, 2015, 118, 90-98.	1.6	43
17	Plants in the management of male infertility. Andrologia, 2020, 52, e13509.	1.0	40
18	Atrazine induces transcriptional changes in marker genes associated with steroidogenesis in primary cultures of rat Leydig cells. Toxicology in Vitro, 2011, 25, 1588-1595.	1.1	37

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19	Quercetin decreases steroidogenic enzyme activity, NF- κ B expression, and oxidative stress in cultured Leydig cells exposed to atrazine. <i>Molecular and Cellular Biochemistry</i> , 2013, 373, 19-28.	1.4	36
20	Rutin ameliorates oxidative stress and preserves hepatic and renal functions following exposure to cadmium and ethanol. <i>Pharmaceutical Biology</i> , 2017, 55, 2161-2169.	1.3	33
21	Causes and risk factors for male-factor infertility in Nigeria: a review. <i>African Journal of Reproductive Health</i> , 2013, 17, 150-66.	1.1	33
22	Quercetin ameliorates atrazine-induced changes in the testicular function of rats. <i>Toxicology and Industrial Health</i> , 2016, 32, 1278-1285.	0.6	32
23	Biflavanone-kolaviron protects human dopaminergic SH-SY5Y cells against atrazine induced toxic insult. <i>Toxicology in Vitro</i> , 2011, 25, 848-858.	1.1	31
24	Quercetin exacerbates the effects of subacute treatment of atrazine on reproductive tissue antioxidant defence system, lipid peroxidation and sperm quality in rats. <i>Andrologia</i> , 2013, 45, 256-265.	1.0	31
25	Kolaviron Biflavanoids of Garcinia Kola Seeds Protect Atrazine-Induced Cytotoxicity in Primary Cultures of Rat Leydig Cells. <i>International Journal of Toxicology</i> , 2012, 31, 407-415.	0.6	30
26	The protective effects of quercetin on the cytotoxicity of atrazine on rat Sertoli α germ cell co α culture. <i>Journal of Developmental and Physical Disabilities</i> , 2012, 35, 590-600.	3.6	29
27	Biomarkers of oxidative stress and health risk assessment of heavy metal contaminated aquatic and terrestrial organisms by oil extraction industry in Ogale, Nigeria. <i>Chemosphere</i> , 2017, 185, 412-422.	4.2	28
28	Protective effect of <i>Moringa oleifera</i> oil against HgCl ₂ -induced hepato- and nephro-toxicity in rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2017, 28, 337-345.	0.7	24
29	Oral administration of cadmium depletes intratesticular and epididymal iron levels and inhibits lipid peroxidation in the testis and epididymis of adult rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 48, 213-223.	1.5	24
30	Effect of Fe and Cd Co-Exposure on Testicular Steroid Metabolism, Morphometry, and Spermatogenesis in Mice. <i>Biological Trace Element Research</i> , 2019, 190, 109-123.	1.9	23
31	Effects of quercetin on mRNA expression of steroidogenesis genes in primary cultures of Leydig cells treated with atrazine. <i>Toxicology in Vitro</i> , 2013, 27, 700-707.	1.1	22
32	Antioxidant enzymes activity, lipid peroxidation, oxidative damage in the testis and epididymis, and steroidogenesis in rats after co-exposure to atrazine and ethanol. <i>Andrologia</i> , 2016, 48, 548-557.	1.0	22
33	Oral administration of <i>Moringa oleifera</i> oil but not coconut oil prevents mercury-induced testicular toxicity in rats. <i>Andrologia</i> , 2017, 49, e12597.	1.0	22
34	Curcumin protects against gallic acid-induced oxidative stress, suppression of glutathione antioxidant defenses, hepatic and renal damage in rats. <i>Renal Failure</i> , 2016, 38, 321-329.	0.8	20
35	Selenium and rutin alone or in combination do not have stronger protective effects than their separate effects against cadmium-induced renal damage. <i>Pharmaceutical Biology</i> , 2016, 54, 896-904.	1.3	17
36	Effects of co-exposure to atrazine and ethanol on the oxidative damage of kidney and liver in Wistar rats. <i>Renal Failure</i> , 2017, 39, 588-596.	0.8	17

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37	Fluted pumpkin seeds protect against busulfan-induced oxidative stress and testicular injuries in adult mice. <i>Drug and Chemical Toxicology</i> , 2022, 45, 22-32.	1.2	17
38	Atrazine impairs testicular function in BalB/c mice by affecting Leydig cells. <i>Toxicology</i> , 2021, 455, 152761.	2.0	17
39	Protective effects of <i>Anthocleista djalensis</i> A. Chev root extracts against induced testicular inflammation and impaired spermatogenesis in adult rats. <i>Molecular Biology Reports</i> , 2019, 46, 5983-5994.	1.0	15
40	Morphometric Evaluation of the Seminiferous Tubules and the Antioxidant Protective Effects of Gallic Acid and Quercetin in the Testis and Liver of Butyl Phthalate Treated Rats. <i>Indian Journal of Clinical Biochemistry</i> , 2020, 35, 20-31.	0.9	15
41	Evaluation of the protective effects of quercetin and gallic acid against oxidative toxicity in rat's kidney and HEK-293 cells. <i>Toxicology Reports</i> , 2020, 7, 955-962.	1.6	15
42	Protective Effect of Curcumin against the Liver Toxicity Caused by Propanil in Rats. <i>International Scholarly Research Notices</i> , 2014, 2014, 1-8.	0.9	13
43	Anti-inflammatory effects of kolaviron modulate the expressions of inflammatory marker genes, inhibit transcription factors ERK1/2, p-JNK, NF- κ B, and activate Akt expressions in the 93RS2 Sertoli cell lines. <i>Molecular and Cellular Biochemistry</i> , 2015, 401, 197-208.	1.4	13
44	Characterization of leachates from waste landfill sites in a religious camp along Lagos-Ibadan expressway, Nigeria and its hepatotoxicity in rats. <i>Chemosphere</i> , 2019, 217, 636-645.	4.2	13
45	The protective effect of fluted pumpkin seeds against atrazine-induced testicular injury. <i>Drug and Chemical Toxicology</i> , 2022, 45, 799-809.	1.2	13
46	Insights into differentiation and function of the transition region between the seminiferous tubule and rete testis. <i>Differentiation</i> , 2021, 120, 36-47.	1.0	13
47	Dietary fluted pumpkin seeds induce reversible oligospermia and androgen insufficiency in adult rats. <i>Systems Biology in Reproductive Medicine</i> , 2019, 65, 437-450.	1.0	12
48	International Efforts to Save Healthcare Personnel during COVID-19. <i>Acta Biomedica</i> , 2020, 91, e2020044.	0.2	12
49	Antioxidant and anti-inflammatory protective effects of rutin and kolaviron against busulfan-induced testicular injuries in rats. <i>Systems Biology in Reproductive Medicine</i> , 2022, 68, 151-161.	1.0	12
50	Protective effects of vitamin C against propanil-induced hepatotoxicity in wistar rats. <i>Asian Pacific Journal of Tropical Disease</i> , 2012, 2, S212-S217.	0.5	10
51	Effect of Ethanolic Extract from Seeds or Pods of <i>Xylopia Aethiopica</i> (Dunal) A. Rich (Annonaceae) on the Testicular Function of Adult Male Rats. <i>Indian Journal of Clinical Biochemistry</i> , 2017, 32, 420-428.	0.9	9
52	Aged coconut oil with a high peroxide value induces oxidative stress and tissue damage in mercury-treated rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2018, 29, 365-376.	0.7	9
53	<i>Telfairia occidentalis</i> -supplemented diet induces changes in sperm parameters and testosterone level in rats. <i>Andrologia</i> , 2018, 50, e13044.	1.0	7
54	The protective effect of rutin against busulfan-induced testicular damage in adult rats. <i>Drug and Chemical Toxicology</i> , 2020, , 1-9.	1.2	7

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55	Gallic acid ameliorates busulfan-induced testicular toxicity and damage in mature rats. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1881-1890.	1.2	7
56	Antifertility and profertility effects of the leaves and seeds of fluted pumpkin: Sperm quality, hormonal effects and histomorphological changes in the testes of experimental animal models. <i>Journal of Integrative Medicine</i> , 2021, 19, 104-110.	1.4	5
57	Curcumin improves the protective effects of quercetin against atrazine-induced testicular injury in adult Wistar rats. <i>Andrologia</i> , 2022, 54, e14445.	1.0	5
58	Lead, Arsenic, Cadmium, Mercury: Occurrence, Toxicity and Diseases. <i>Environmental Chemistry for A Sustainable World</i> , 2013, , 351-386.	0.3	4
59	Effects of <i>Anthocleista djalensis</i> root extracts on reproductive hormones and testicular marker enzymes in adult male Wistar rats. <i>Andrologia</i> , 2019, 51, e13442.	1.0	4
60	Therapeutic effects of fluted pumpkin seeds on cadmium-induced testicular injury. <i>Toxin Reviews</i> , 2022, 41, 933-944.	1.5	3
61	Lipid Peroxidation, Antioxidant Enzymes Activities in Testis, and Spermatotoxicity of Rats During Short-Term Exposure to Atrazine. <i>Fertility and Sterility</i> , 2009, 91, S8-S9.	0.5	2
62	Effect of <i>Anthocleista djalensis</i> A. Chev Root Extract on Testis of Matured Rats. <i>Chinese Journal of Integrative Medicine</i> , 2020, 26, 929-935.	0.7	1
63	Influence of quercetin on haematological indices and biomarkers of oxidative stress in the serum of rats exposed to atrazine. <i>African Journal of Medicine and Medical Sciences</i> , 2010, 39 Suppl, 81-8.	0.2	1
64	Oxidative Stress-Induced by Atrazine in Rat's Reproductive Tissues is Further Enhanced by Quercetin. <i>Fertility and Sterility</i> , 2009, 91, S21.	0.5	0
65	The effects of Kolaviron, a Natural Flavonoid from the Seeds of <i>Garcinia Kola</i> on LPS-induced Inflammation in Macrophages. <i>FASEB Journal</i> , 2015, 29, 716.2.	0.2	0