

Seun Akomolafe

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

512
citations

858243

12
h-index

843174

20
g-index

43
all docs

43
docs citations

43
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of diet supplemented with African Star Apple Fruit Pulp on purinergic, cholinergic and monoaminergic enzymes, TNF- α expression and redox imbalance in the brain of hypertensive rats. <i>Nutritional Neuroscience</i> , 2023, 26, 496-510.	1.5	2
2	Effect of cashew (<i>Anacardium occidentale</i> L.) nut-supplemented diet on steroidogenic enzymes, hormonal and oxidative imbalances, and sperm parameters in cisplatin-induced reproductive toxicity in male rats. <i>Journal of Food Biochemistry</i> , 2022, 46, e14100.	1.2	3
3	Curcumin Improves Biomolecules Associated with Renal Function and Attenuates Oxidative Injury and Histopathological Changes in Potassium-Induced Toxicity in Rats' Kidney. <i>Biological Trace Element Research</i> , 2021, 199, 197-204.	1.9	2
4	Diets supplemented with raw and roasted pumpkin (<i>Cucurbita pepo</i> L) seeds improved some biochemical parameters associated with erectile function in rats. <i>Journal of Food Biochemistry</i> , 2021, 45, e13629.	1.2	5
5	Modulatory effect of cashew (<i>Anacardium occidentale</i> L.) nut supplemented diet on fertility activity of clomiphene citrate in male rats. <i>Biomedical Journal</i> , 2021, 44, 190-200.	1.4	4
6	Effects of roasting on the phenolic phytochemicals and antioxidant activities of pumpkin seed. <i>Vegetos</i> , 2021, 34, 505-514.	0.8	5
7	Effects of <i>Chrysophyllum albidum</i> fruit pulp on haemodynamic parameters, pro-inflammatory markers, antioxidant parameters and critical biomolecules associated with hypertension "in vivo". <i>Inflammopharmacology</i> , 2021, 29, 825-839.	1.9	2
8	Diet Supplemented with <i>Chrysophyllum albidum</i> G. Don (Sapotaceae) Fruit Pulp Improves Reproductive Function in Hypertensive Male Rats. <i>Reproductive Sciences</i> , 2021, , 1.	1.1	4
9	Effect of <i>Chrysophyllum albidum</i> fruit pulp powder on antioxidant and proinflammatory genes in non-diabetic and type 2 diabetic rats. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 1663-1674.	0.8	2
10	Protective effect of curcumin on fertility in cyclophosphamide exposed rats: Involvement of multiple pathways. <i>Journal of Food Biochemistry</i> , 2020, 44, e13095.	1.2	10
11	Effect of dietary inclusion of pumpkin (<i>Cucurbita pepo</i> L) seed on nephrotoxicity occasioned by cisplatin in experimental rats. <i>Journal of Food Biochemistry</i> , 2020, 44, e13439.	1.2	3
12	Starch composition, glycemic indices, antioxidant properties and carbohydrate hydrolyzing enzymes activities of African star apple fruit parts. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 260.	1.2	10
13	Anti-hypercholesterolemic potential of diet supplemented with <i>Anchomanes difformis</i> and <i>Pleurotus tuberregium</i> tubers in high cholesterol fed rats. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 1139-1155.	0.8	3
14	Curcumin Administration Mitigates Cyclophosphamide-Induced Oxidative Damage and Restores Alteration of Enzymes Associated with Cognitive Function in Rats' Brain. <i>Neurotoxicity Research</i> , 2020, 38, 199-210.	1.3	25
15	Caffeine improves sperm quality, modulates steroidogenic enzyme activities, restore testosterone levels and prevent oxidative damage in testicular and epididymal tissues of scopolamine-induced rat model of amnesia. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1565-1575.	1.2	11
16	African star apple fruit pulp-supplemented diet modulates fertility-related biomolecules in the testis and epididymis of high-fat diet/streptozotocin-induced diabetic rats. <i>Journal of Food Biochemistry</i> , 2019, 43, e12969.	1.2	8
17	Effects of dietary supplementation of <i>Chrysophyllum albidum</i> fruit pulp powder on some biochemical parameters in a type 2 diabetes rat model. <i>Vegetos</i> , 2019, 32, 190-199.	0.8	5
18	Curcumin Alleviates Potassium Bromate-Induced Hepatic Damage by Repressing CRP Induction through TNF- α and IL-1 β and by Suppressing Oxidative Stress. <i>Notulae Scientia Biologicae</i> , 2019, 11, 337-344.	0.1	3

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19	A comparative study on the estimated glycemic index (eGI), phenolic constituents, antioxidative and potential antihyperglycemic effects of different parts of ripe <i>Citrus paradisi</i> fruit. <i>Oriental Pharmacy and Experimental Medicine</i> , 2019, 19, 81-89.	1.2	5
20	Antioxidant Potential of <i>Artocarpus altissimus</i> Leaf Powder in Alloxan Induced Diabetic Rat. <i>FASEB Journal</i> , 2019, 33, 487.2.	0.2	0
21	Co-administration of caffeine and caffeic acid alters some key enzymes linked with reproductive function in male rats. <i>Andrologia</i> , 2018, 50, e12839.	1.0	13
22	Walnut leaf extract acts as a fertility agent in male Wistar albino rats – A search for herbal male fertility enhancer. <i>Journal of Complementary and Integrative Medicine</i> , 2018, 15, .	0.4	7
23	Effect of dietary inclusions of bitter kola seed on geotactic behavior and oxidative stress markers in <i>Drosophila melanogaster</i> . <i>Food Science and Nutrition</i> , 2018, 6, 2177-2187.	1.5	17
24	Protocatechuic acid mitigates adriamycin-induced reproductive toxicities and hepatocellular damage in rats. <i>Comparative Clinical Pathology</i> , 2018, 27, 1681-1689.	0.3	11
25	Phenolic characterization, antioxidant activities, and inhibitory effects of <i>Physalis angulata</i> and <i>Newbouldia laevis</i> on enzymes linked to erectile dysfunction. <i>International Journal of Food Properties</i> , 2018, 21, 645-654.	1.3	12
26	Modulatory effect of Cashew (<i>Anacardium occidentale</i> L.) nut supplemented diet on fertility activity of clomiphene citrate in male rats. <i>FASEB Journal</i> , 2018, 32, 1b157.	0.2	0
27	Ethanol-induced male infertility: Effects of aqueous leaf extract of <i>Tetracarpidium conophorum</i> . <i>Andrologia</i> , 2017, 49, e12759.	1.0	19
28	Effect of caffeine, caffeic acid and their various combinations on enzymes of cholinergic, monoaminergic and purinergic systems critical to neurodegeneration in rat brain – In vitro. <i>NeuroToxicology</i> , 2017, 62, 6-13.	1.4	67
29	Curcumin administration suppress acetylcholinesterase gene expression in cadmium treated rats. <i>NeuroToxicology</i> , 2017, 62, 75-79.	1.4	31
30	The effects of caffeine, caffeic acid, and their combination on acetylcholinesterase, adenosine deaminase and arginase activities linked with brain function. <i>Journal of Food Biochemistry</i> , 2017, 41, e12401.	1.2	12
31	Toxicological Effects of Aqueous Extract From African Walnut (<i>Tetracarpidium conophorum</i>) Leaves in Rats. <i>Journal of Evidence-Based Complementary & Alternative Medicine</i> , 2017, 22, 919-925.	1.5	6
32	Aqueous extract from <i>Ficus capensis</i> leaves inhibits key enzymes linked to erectile dysfunction and prevent oxidative stress in rats' penile tissue. <i>NFS Journal</i> , 2016, 4, 15-21.	1.9	45
33	<i>Tetracarpidium conophorum</i> ameliorates oxidative reproductive toxicity induced by ethanol in male rats. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 439.	3.7	13
34	Antiperoxidative Activity of <i>Tetracarpidium conophorum</i> Leaf Extract in Reproductive Organs of Male Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-8.	0.5	16
35	<i>Tetracarpidium conophorum</i> (Mull.Arg) Hutch & Dalziel inhibits FeSO ₄ -induced lipid peroxidation in rats' genitals. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 57.	3.7	14
36	Phenolic Acids (Gallic and Tannic Acids) Modulate Antioxidant Status and Cisplatin Induced Nephrotoxicity in Rats. <i>International Scholarly Research Notices</i> , 2014, 2014, 1-8.	0.9	34

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37	Protective effect of Aloe vera gel on the permeability transition pore in the inner membrane of rat liver mitochondria in vitro. <i>Drug and Chemical Toxicology</i> , 2014, 37, 415-419.	1.2	1
38	Aqueous extracts of ripe red pepper and tomato fruits inhibit Fe ²⁺ -induced oxidative stress in rat testes and kidney. <i>Oxidants and Antioxidants in Medical Science</i> , 2014, 3, 217.	0.2	1
39	Inhibitory Effect of Aqueous Extract of Stem Bark of <i>Cissus populnea</i> on Ferrous Sulphate- and Sodium Nitroprusside-Induced Oxidative Stress in Rat's Testes <i>In Vitro</i> . <i>ISRN Pharmacology</i> , 2013, 2013, 1-7.	1.6	10
40	Food Value of Two Varieties of Ginger (<i>Zingiber officinale</i>) Commonly Consumed in Nigeria. <i>ISRN Nutrition</i> , 2013, 2013, 1-5.	1.7	29
41	Inhibitory Effect of Aqueous Extract of <i>Moringa oleifera</i> and <i>Newbouldia laevis</i> Leaves on Ferrous Sulphate and Sodium Nitroprusside Induced Oxidative Stress in Rat's Testes <i>In Vitro</i> . <i>Open Journal of Medicinal Chemistry</i> , 2012, 02, 119-128.	0.7	5
42	Phenolic Composition and Inhibitory Ability of Methanolic Extract from Pumpkin (<i>Cucurbita pepo</i> L) Seeds on Fe-induced Thiobarbituric acid reactive species in Albino Rat's Testicular Tissue <i>In-Vitro</i> . <i>Journal of Applied Pharmaceutical Science</i> , 0, , 115-120.	0.7	18
43	Modulatory effects of Aqueous extract from <i>Tetracarpidium conophorum</i> leaves on key enzymes linked to erectile dysfunction and oxidative stress-induced lipid peroxidation in penile and testicular tissues. <i>Journal of Applied Pharmaceutical Science</i> , 0, , 051-056.	0.7	19