Ayodele Jacobson Akinyemi

List of Publications by Year
in descending order

45 papers	1,858 citations	257101 24 h-index	264894 42 g-index
45 all docs	45 docs citations	45 times ranked	2674 citing authors

#	Article	IF	Citations
1	Ameliorating activity of polyphenolic-rich extracts of Basella rubra L. leaves on pancreatic Î²-cell dysfunction in streptozotocin-induced diabetic rats. Journal of Complementary and Integrative Medicine, 2022, 19, 335-344.	0.4	1
2	Rodent hair is a Poor biomarker for internal manganese exposure. Food and Chemical Toxicology, 2021, 157, 112555.	1.8	6
3	Lead (Pb) exposure induces dopaminergic neurotoxicity in Caenorhabditis elegans: Involvement of the dopamine transporter. Toxicology Reports, 2019, 6, 833-840.	1.6	46
4	Horseradish (Moringa oleifera) seed and leaf inclusive diets modulates activities of enzymes linked with hypertension, and lipid metabolites in high-fat fed rats. PharmaNutrition, 2019, 7, 100141.	0.8	11
5	Chromatographic fingerprint analysis, antioxidant properties, and inhibition of cholinergic enzymes (acetylcholinesterase and butyrylcholinesterase) of phenolic extracts from Irvingia gabonensis (Aubry-Lecomte ex Oâ€™Rorke) Baill bark. Journal of Basic and Clinical Physiology and Pharmacology, 2018, 29, 217-224.	0.7	18
6	C. elegans as a model in developmental neurotoxicology. Toxicology and Applied Pharmacology, 2018, 354, 126-135.	1.3	86
7	Dietary ginger and turmeric rhizomes prevent oxidative stress and restore delta-aminolevulinic acid dehydratase activity in L-NAME treated rats. Journal of Food Biochemistry, 2018, 42, e12472.	1.2	1
8	Nephroprotective Effect of Essential Oils from Ginger (<i>Zingiber officinale</i>) and Turmeric (<i>Curcuma longa</i>) Rhizomes against Cadmium-induced Nephrotoxicity in Rats. Journal of Oleo Science, 2018, 67, 1339-1345.	0.6	13
9	Effect of Essential Oils from Ginger (Zingiber officinale) and Turmeric (Curcuma longa) Rhizomes on Some Inflammatory Biomarkers in Cadmium Induced Neurotoxicity in Rats. Journal of Toxicology, 2018, 2018, 1-7.	1.4	30
10	In vitro antioxidant activities and inhibitory effects of phenolic extract of Senecio biafrae (Oliv and Hiern) against key enzymes linked with type <scp>II</scp> diabetes mellitus and Alzheimer's disease. Food Science and Nutrition, 2018, 6, 1803-1810.	1.5	36
11	Suppression and inhibition of Acetylcholinesterase (AChE) Gene Expression and Adenosine Deaminase (ADA) respectively in Cadmium Treated Rats by curcumin administration. FASEB Journal, 2018, 32, 805.2.	0.2	0
12	Anti-amnestic Effect of Curcumin in Combination with Donepezil, an Anticholinesterase Drug: Involvement of Cholinergic System. Neurotoxicity Research, 2017, 31, 560-569.	1.3	61
13	Curcumin administration suppress acetylcholinesterase gene expression in cadmium treated rats. NeuroToxicology, 2017, 62, 75-79.	1.4	31
14	Effect of Cadmium Stress on Non-enzymatic Antioxidant and Nitric Oxide Levels in Two Varieties of Maize (Zea mays). Bulletin of Environmental Contamination and Toxicology, 2017, 98, 845-849.	1.3	27
15	Exposure to radio-frequency electromagnetic waves alters acetylcholinesterase gene expression, exploratory and motor coordination-linked behaviour in male rats. Toxicology Reports, 2017, 4, 530-534.	1.6	27
16	Curcumin improves episodic memory in cadmium induced memory impairment through inhibition of acetylcholinesterase and adenosine deaminase activities in a rat model. Metabolic Brain Disease, 2017, 32, 87-95.	1.4	32
17	Curcumin inhibits adenosine deaminase and arginase activities in cadmium-induced renal toxicity in rat kidney. Journal of Food and Drug Analysis, 2017, 25, 438-446.	0.9	50
18	RAPD Profiling, DNA Fragmentation, and Histomorphometric Examination in Brains of Wistar Rats Exposed to Indoor 2.5â€‰Ghz Wi-Fi Devices Radiation. BioMed Research International, 2017, 2017, 1-6.	0.9	6

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19	Dietary Supplementation of Ginger and Turmeric Rhizomes Modulates Platelets Ectonucleotidase and Adenosine Deaminase Activities in Normotensive and Hypertensive Rats. Phytotherapy Research, 2016, 30, 1156-1163.	2.8	31
20	Effect of Two Ginger Varieties on Arginase Activity in Hypercholesterolemic Rats. JAMS Journal of Acupuncture and Meridian Studies, 2016, 9, 80-87.	0.3	29
21	Effect of dietary supplementation of ginger and turmeric rhizomes on ectonucleotidases, adenosine deaminase and acetylcholinesterase activities in synaptosomes from the cerebral cortex of hypertensive rats. Journal of Applied Biomedicine, 2016, 14, 59-70.	0.6	27
22	Local salt substitutes â€œObu-otoyoâ€•activate acetylcholinesterase and butyrylcholinesterase and induce lipid peroxidation in rat brain. Interdisciplinary Toxicology, 2015, 8, 139-145.	1.0	3
23	Caffeic and chlorogenic acids inhibit key enzymes linked to type 2 diabetes (in vitro): a comparative study. Journal of Basic and Clinical Physiology and Pharmacology, 2015, 26, 165-170.	0.7	221
24	Effect of dietary supplementation of ginger and turmeric rhizomes on angiotensin-1 converting enzyme (ACE) and arginase activities in L-NAME induced hypertensive rats. Journal of Functional Foods, 2015, 17, 792-801.	1.6	68
25	Antioxidant, hypolipidemic, and anti-angiotensin-1-converting enzyme properties of lemon (Citrus) Tj ETQq1 1 0.784314 rgBT /Overlo	0.3	29
26	Dietary supplementation of ginger and turmeric improves reproductive function in hypertensive male rats. Toxicology Reports, 2015, 2, 1357-1366.	1.6	44
27	Anticholinesterase and Antioxidative Properties of Aqueous Extract ofCola acuminataSeedIn Vitro. International Journal of Alzheimer's Disease, 2014, 2014, 1-8.	1.1	15
28	Phenolic Acids (Gallic and Tannic Acids) Modulate Antioxidant Status and Cisplatin Induced Nephrotoxicity in Rats. International Scholarly Research Notices, 2014, 2014, 1-8.	0.9	34
29	Inhibitory effect of polyphenolicâ€“rich extract from Cola nitida (Kolanut) seed on key enzyme linked to type 2 diabetes and Fe2+ induced lipid peroxidation in rat pancreas in vitro. Asian Pacific Journal of Tropical Biomedicine, 2014, 4, S405-S412.	0.5	16
30	Dietary inclusion of local salt substitutes induces oxidative stress and renal dysfunction in rats. Reviews on Environmental Health, 2014, 29, 355-61.	1.1	4
31	Inhibitory effect of some tropical green leafy vegetables on key enzymes linked to Alzheimerâ€™s disease and some pro-oxidant induced lipid peroxidation in ratsâ€™ brain. Journal of Food Science and Technology, 2014, 51, 884-891.	1.4	17
32	Inhibition of key enzymes linked to type 2 diabetes and sodium nitroprusside-induced lipid peroxidation in rat pancreas by water-extractable phytochemicals from unripe pawpaw fruit (Carica papaya). Journal of Basic and Clinical Physiology and Pharmacology, 2014, 25, 21-34.	0.7	26
33	Inhibition of Angiotensin-1-Converting Enzyme Activity by Two Varieties of Ginger (Zingiber) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	45
34	Phenolic Extracts From Plantain (Musa paradisiaca) Peels Inhibit Angiotensin 1 Converting Enzyme â€“In vitro: Possible Antihypertensive Benefits. Vegetos, 2014, 27, 169.	0.8	0
35	Inhibition of key enzymes linked to type 2 diabetes and sodium nitroprusside induced lipid peroxidation in rats' pancreas by phenolic extracts of avocado pear leaves and fruit. International Journal of Biomedical Science, 2014, 10, 208-16.	0.5	15
36	Comparative Study on the Inhibitory Effect of Caffeic and Chlorogenic Acids on Key Enzymes Linked to Alzheimerâ€™s Disease and Some Pro-oxidant Induced Oxidative Stress in Ratsâ€™ Brain-In Vitro. Neurochemical Research, 2013, 38, 413-419.	1.6	242

#	Article	IF	Citations
37	Aqueous Extracts of Two Varieties of Ginger (Zingiber officinale) Inhibit Angiotensin Iâ€“Converting Enzyme, Iron(II), and Sodium Nitroprusside-Induced Lipid Peroxidation in the Rat HeartIn Vitro. Journal of Medicinal Food, 2013, 16, 641-646.	0.8	42
38	Inhibitory effect of aqueous extract of different parts of unripe pawpaw (Carica papaya) fruit on Fe2+-induced oxidative stress in rat pancreasin vitro. Pharmaceutical Biology, 2013, 51, 1165-1174.	1.3	14
39	Anthocyanin - Rich Red Dye of Hibiscus Sabdariffa Calyx Modulates Cisplatin-induced Nephrotoxicity and Oxidative Stress in Rats. International Journal of Biomedical Science, 2013, 9, 243-8.	0.5	8
40	Attenuation of gentamycin-induced nephrotoxicity in rats by dietary inclusion of ginger (Zingiber) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	26
41	Effect of dietary inclusion of salt substitutes â€œObu-Otoyoâ€•on some biochemical indices in rat. Food and Chemical Toxicology, 2012, 50, 2873-2877.	1.8	2
42	Inhibitory effect of polyphenol-rich extracts of jute leaf (Corchorus olitorius) on key enzyme linked to type 2 diabetes (Î±-amylase and Î±-glucosidase) and hypertension (angiotensin I converting) in vitro. Journal of Functional Foods, 2012, 4, 450-458.	1.6	192
43	Antioxidant properties and inhibitory effect of ethanolic extract of <i>Struchium sparganophora</i> (Ewuro odo) leaf on Î± - amylase and Î± â€“ glucosidase activities. Tropical Journal of Obstetrics and Gynaecology, 2012, 9, 342-9.	0.3	9
44	Antioxidant and inhibitory effect of red ginger (Zingiber officinale var. Rubra) and white ginger (Zingiber officinale Roscoe) on Fe2+ induced lipid peroxidation in rat brain in vitro. Experimental and Toxicologic Pathology, 2012, 64, 31-36.	2.1	114
45	Inhibition of acetylcholinesterase activities and some pro-oxidant induced lipid peroxidation in rat brain by two varieties of ginger (Zingiber officinale). Experimental and Toxicologic Pathology, 2012, 64, 315-319.	2.1	103