

# Ayodele Jacobson Akinyemi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3164433/publications.pdf>

Version: 2024-02-01

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	Comparative Study on the Inhibitory Effect of Caffeic and Chlorogenic Acids on Key Enzymes Linked to Alzheimer's Disease and Some Pro-oxidant Induced Oxidative Stress in Rats' Brain-In Vitro. <i>Neurochemical Research</i> , 2013, 38, 413-419.	1.6	242
2	Caffeic and chlorogenic acids inhibit key enzymes linked to type 2 diabetes (in vitro): a comparative study. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2015, 26, 165-170.	0.7	221
3	Inhibitory effect of polyphenol-rich extracts of jute leaf ( <i>Corchorus olitorius</i> ) on key enzyme linked to type 2 diabetes ( $\alpha$ -amylase and $\alpha$ -glucosidase) and hypertension (angiotensin I converting) in vitro. <i>Journal of Functional Foods</i> , 2012, 4, 450-458.	1.6	192
4	Antioxidant and inhibitory effect of red ginger ( <i>Zingiber officinale</i> var. <i>Rubra</i> ) and white ginger ( <i>Zingiber officinale</i> Roscoe) on Fe <sup>2+</sup> induced lipid peroxidation in rat brain in vitro. <i>Experimental and Toxicologic Pathology</i> , 2012, 64, 31-36.	2.1	114
5	Inhibition of acetylcholinesterase activities and some pro-oxidant induced lipid peroxidation in rat brain by two varieties of ginger ( <i>Zingiber officinale</i> ). <i>Experimental and Toxicologic Pathology</i> , 2012, 64, 315-319.	2.1	103
6	<i>C. elegans</i> as a model in developmental neurotoxicology. <i>Toxicology and Applied Pharmacology</i> , 2018, 354, 126-135.	1.3	86
7	Effect of dietary supplementation of ginger and turmeric rhizomes on angiotensin-1 converting enzyme (ACE) and arginase activities in L-NAME induced hypertensive rats. <i>Journal of Functional Foods</i> , 2015, 17, 792-801.	1.6	68
8	Anti-amnestic Effect of Curcumin in Combination with Donepezil, an Anticholinesterase Drug: Involvement of Cholinergic System. <i>Neurotoxicity Research</i> , 2017, 31, 560-569.	1.3	61
9	Curcumin inhibits adenosine deaminase and arginase activities in cadmium-induced renal toxicity in rat kidney. <i>Journal of Food and Drug Analysis</i> , 2017, 25, 438-446.	0.9	50
10	Lead (Pb) exposure induces dopaminergic neurotoxicity in <i>Caenorhabditis elegans</i> : Involvement of the dopamine transporter. <i>Toxicology Reports</i> , 2019, 6, 833-840.	1.6	46
11	Inhibition of Angiotensin-1-Converting Enzyme Activity by Two Varieties of Ginger ( <i>Zingiber</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	0.8	45
12	Dietary supplementation of ginger and turmeric improves reproductive function in hypertensive male rats. <i>Toxicology Reports</i> , 2015, 2, 1357-1366.	1.6	44
13	Aqueous Extracts of Two Varieties of Ginger ( <i>Zingiber officinale</i> ) Inhibit Angiotensin Converting Enzyme, Iron(II), and Sodium Nitroprusside-Induced Lipid Peroxidation in the Rat Heart In Vitro. <i>Journal of Medicinal Food</i> , 2013, 16, 641-646.	0.8	42
14	In vitro antioxidant activities and inhibitory effects of phenolic extract of <i>Senecio biafrae</i> (Oliv and Hiern) against key enzymes linked with type 2 diabetes mellitus and Alzheimer's disease. <i>Food Science and Nutrition</i> , 2018, 6, 1803-1810.	1.5	36
15	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
16	Curcumin improves episodic memory in cadmium induced memory impairment through inhibition of acetylcholinesterase and adenosine deaminase activities in a rat model. <i>Metabolic Brain Disease</i> , 2017, 32, 87-95.	1.4	32
17	Dietary Supplementation of Ginger and Turmeric Rhizomes Modulates Platelets Ectonucleotidase and Adenosine Deaminase Activities in Normotensive and Hypertensive Rats. <i>Phytotherapy Research</i> , 2016, 30, 1156-1163.	2.8	31
18	Curcumin administration suppress acetylcholinesterase gene expression in cadmium treated rats. <i>NeuroToxicology</i> , 2017, 62, 75-79.	1.4	31

#	ARTICLE	IF	CITATIONS
19	Effect of Essential Oils from Ginger ( <i>Zingiber officinale</i> ) and Turmeric ( <i>Curcuma longa</i> ) Rhizomes on Some Inflammatory Biomarkers in Cadmium Induced Neurotoxicity in Rats. Journal of Toxicology, 2018, 2018, 1-7.	1.4	30
20	Antioxidant, hypolipidemic, and anti-angiotensin-1-converting enzyme properties of lemon ( <i>Citrus</i> ) Tj ETQq0 0 0 rgBTj/Overloqk 10 Tf 50	0.3	29
21	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
22	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
23	Effect of Cadmium Stress on Non-enzymatic Antioxidant and Nitric Oxide Levels in Two Varieties of Maize ( <i>Zea mays</i> ). Bulletin of Environmental Contamination and Toxicology, 2017, 98, 845-849.	1.3	27
24	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
25	Attenuation of gentamycin-induced nephrotoxicity in rats by dietary inclusion of ginger ( <i>Zingiber</i> ) Tj ETQq1 1 0.784314 rgBTj/Overloqk 10 Tf 50	0.6	26
26	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 ( <i>Carica papaya</i> ). Journal of Basic and Clinical Physiology and Pharmacology, 2014, 25, 21-34.	0.7	26
27	Chromatographic fingerprint analysis, antioxidant properties, and inhibition of cholinergic enzymes (acetylcholinesterase and butyrylcholinesterase) of phenolic extracts from <i>Irvingia gabonensis</i> (Aubry-Lecomte ex Oâ€™Rorke) Baill bark. Journal of Basic and Clinical Physiology and Pharmacology, 2018, 29, 217-224.	0.7	18
28	Inhibitory effect of some tropical green leafy vegetables on key enzymes linked to Alzheimer’s disease and some pro-oxidant induced lipid peroxidation in rats’ brain. Journal of Food Science and Technology, 2014, 51, 884-891.	1.4	17
29	Inhibitory effect of polyphenolic-rich extract from <i>Cola nitida</i> (Kolanut) seed on key enzyme linked to type 2 diabetes and Fe <sup>2+</sup> induced lipid peroxidation in rat pancreas in vitro. Asian Pacific Journal of Tropical Biomedicine, 2014, 4, S405-S412.	0.5	16
30	Anticholinesterase and Antioxidative Properties of Aqueous Extract of <i>Cola acuminata</i> Seed In Vitro. International Journal of Alzheimer's Disease, 2014, 2014, 1-8.	1.1	15
31	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
32	Inhibitory effect of aqueous extract of different parts of unripe pawpaw ( <i>Carica papaya</i> ) fruit on Fe <sup>2+</sup> -induced oxidative stress in rat pancreas in vitro. Pharmaceutical Biology, 2013, 51, 1165-1174.	1.3	14
33	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
34	Horseradish ( <i>Moringa oleifera</i> ) 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
35	Antioxidant properties and inhibitory effect of ethanolic extract of <i>Struchium sparganophora</i> (Ewuro odo) leaf on $\alpha$ -amylase and $\alpha$ -glucosidase activities. Tropical Journal of Obstetrics and Gynaecology, 2012, 9, 342-9.	0.3	9
36	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

#	ARTICLE	IF	CITATIONS
37	RAPD Profiling, DNA Fragmentation, and Histomorphometric Examination in Brains of Wistar Rats Exposed to Indoor 2.5%Ghz Wi-Fi Devices Radiation. <i>BioMed Research International</i> , 2017, 2017, 1-6.	0.9	6
38	Rodent hair is a Poor biomarker for internal manganese exposure. <i>Food and Chemical Toxicology</i> , 2021, 157, 112555.	1.8	6
39	Dietary inclusion of local salt substitutes induces oxidative stress and renal dysfunction in rats. <i>Reviews on Environmental Health</i> , 2014, 29, 355-61.	1.1	4
40	Local salt substitutes activate acetylcholinesterase and butyrylcholinesterase and induce lipid peroxidation in rat brain. <i>Interdisciplinary Toxicology</i> , 2015, 8, 139-145.	1.0	3
41	Effect of dietary inclusion of salt substitutes on some biochemical indices in rat. <i>Food and Chemical Toxicology</i> , 2012, 50, 2873-2877.	1.8	2
42	Dietary ginger and turmeric rhizomes prevent oxidative stress and restore delta-aminolevulinic acid dehydratase activity in L-NAME treated rats. <i>Journal of Food Biochemistry</i> , 2018, 42, e12472.	1.2	1
43	Ameliorating activity of polyphenolic-rich extracts of <i>Basella rubra</i> L. leaves on pancreatic Î²-cell dysfunction in streptozotocin-induced diabetic rats. <i>Journal of Complementary and Integrative Medicine</i> , 2022, 19, 335-344.	0.4	1
44	Phenolic Extracts From Plantain ( <i>Musa paradisiaca</i> ) Peels Inhibit Angiotensin 1 Converting Enzyme "In vitro: Possible Antihypertensive Benefits. <i>Vegetos</i> , 2014, 27, 169.	0.8	0
45	Suppression and inhibition of Acetylcholinesterase (AChE) Gene Expression and Adenosine Deaminase (ADA) respectively in Cadmium Treated Rats by curcumin administration. <i>FASEB Journal</i> , 2018, 32, 805.2.	0.2	0