

Adedayo Oluwaseun Ademiluyi

List of Publications by Year in Descending Order

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89
papers

2,640
citations

27
h-index

49
g-index

90
ext. papers

3,231
ext. citations

2.9
avg, IF

5.46
L-index

#	Paper	IF	Citations
89	Ferulic acid and quercetin improve behavioral and neurochemical deficits in tartrazine-induced intoxication in fruit flies (<i>Drosophila melanogaster</i>). <i>Comparative Clinical Pathology</i> , 2022 , 31, 97-107	0.9	
88	Effect of Solanum vegetables on memory index, redox status, and expressions of critical neural genes in <i>Drosophila melanogaster</i> model of memory impairment.. <i>Metabolic Brain Disease</i> , 2022 , 1	3.9	2
87	Evaluating Water bitter leaf () and Scent Leaf (extracts as sources of nutraceuticals against manganese-induced toxicity in fruit fly model.. <i>Drug and Chemical Toxicology</i> , 2022 , 1-11	2.3	
86	Host-parasite relationship modulates the effect of African mistletoe leaves on the cholinergic, monoaminergic and carbohydrate hydrolyzing enzymes in fruit fly. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2021 ,	1.6	1
85	Modulatory effects of moringa (<i>Moringa oleifera</i> L.) leaves infested with African mistletoe (<i>Tapinanthus bangwensis</i> L.) on the antioxidant, antidiabetic, and neurochemical indices in high sucrose diet-induced diabetic-like phenotype in fruit flies (<i>Drosophila melanogaster</i> M.). <i>Journal of Food Biochemistry</i> , 2021 , 45, e13298	3.3	3
84	Impact of drying processes on <i>Bryophyllum pinnatum</i> phenolic constituents and its anti-inflammatory and antioxidative activities in human erythrocytes. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13298	3.3	2
83	Comparative study of the phenolic profile, antioxidant properties, and inhibitory effects of Moringa (<i>Moringa oleifera</i> Lam.) and Almond (<i>Terminalia catappa</i> Linn.) leaves on acetylcholinesterase and monoamine oxidase activities in the head region of Fruitfly (<i>Drosophila melanogaster</i> Meigen) in <i>Journal of Food Biochemistry</i> , 2021 , 45, e13298	3.3	4
82	African mistletoe (<i>Tapinanthus bangwensis</i> Lor.) infestation improves the phenolic constituents, antioxidative and antidiabetic effects of almond (<i>Terminalia catappa</i> Linn.) host leaf in sucrose-rich diet-induced diabetic-like phenotypes in fruit fly (<i>Drosophila melanogaster</i> Meigen). <i>Food Frontiers</i> , 2021 , 2, 77-90	4.2	2
81	Phenolic Bioactives as Antiplatelet Aggregation Factors: The Pivotal Ingredients in Maintaining Cardiovascular Health. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 2195902	6.7	5
80	Influence of cooking on the neuroprotective properties of pepper (bird pepper and cayenne pepper) varieties in scopolamine-induced neurotoxicity in rats. <i>Journal of Food Processing and Preservation</i> , 2020 , 44, e14959	2.1	
79	Solanum leaves extracts exhibit antioxidant properties and inhibit monoamine oxidase and acetylcholinesterase activities (in vitro) in <i>Drosophila melanogaster</i> . <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020 , 31,	1.6	6
78	Phenolic constituents and inhibitory effects of the leaf of Afzel on free radicals, cholinergic and monoaminergic enzymes in rat's brain. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020 , 32, 987-994	1.6	1
77	Tropical Food Spices: A Promising Panacea for the Novel Coronavirus Disease (COVID-19). <i>EFood</i> , 2020 , 1, 347	1.9	2
76	Dietary monosodium glutamate altered redox status and dopamine metabolism in lobster cockroach (<i>Nauphoeta cinerea</i>). <i>Journal of Food Biochemistry</i> , 2020 , 44, e13451	3.3	1
75	Gallic acid protects against neurochemical alterations in transgenic <i>Drosophila</i> model of Alzheimer's disease. <i>Advances in Traditional Medicine</i> , 2020 , 20, 89-98	1.4	16
74	Toxicological evaluation of aqueous extract of different varieties of guava (<i>Psidium guajava</i> Linn) leaves. <i>Comparative Clinical Pathology</i> , 2019 , 28, 1689-1697	0.9	2
73	Dietary supplementation of jute leaf (<i>Corchorus olitorius</i>) modulates hepatic delta-aminolevulinic acid dehydratase (ALAD) activity and oxidative status in high-fat fed/low streptozotocin-induced diabetic rats. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12949	3.3	3

72	Phenolic analysis and erectogenic function of African Walnut (<i>Tetracarpidium conophorum</i>) seeds: The impact of the seed shell on biological activity. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12815	3.3	6
71	-Derived Natural Products with Potential for Use in Health Maintenance. <i>Biomolecules</i> , 2019 , 9,	5.9	29
70	Apium Plants: Beyond Simple Food and Phytopharmacological Applications. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3547	2.6	14
69	Influence of gallic and tannic acid on therapeutic properties of acarbose in vitro and in vivo in <i>Drosophila melanogaster</i> . <i>Biomedical Journal</i> , 2019 , 42, 317-327	7.1	13
68	Fluted pumpkin (<i>Telfairia occidentalis</i>) seed modulates some markers of erectile function in isolated rat's corpus cavernosum: Influence of polyphenol and amino acid constituents. <i>Journal of Food Biochemistry</i> , 2019 , 43, e13037	3.3	10
67	Plants-Drifting from Farm to Food Applications, Phytotherapy, and Phytopharmacology. <i>Foods</i> , 2019 , 8,	4.9	23
66	Cardio-protective and antioxidant properties of caffeic acid and chlorogenic acid: Mechanistic role of angiotensin converting enzyme, cholinesterase and arginase activities in cyclosporine induced hypertensive rats. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 450-458	7.5	100
65	Inhibitory Effect of Garlic, Purple Onion, and White Onion on Key Enzymes Linked with Type 2 Diabetes and Hypertension. <i>Journal of Dietary Supplements</i> , 2019 , 16, 105-118	2.3	28
64	Effects of drying on cholinesterases and angiotensin-I converting enzyme inhibitory potential and phenolic constituents of African mistletoe (<i>Loranthus bengwensis</i> L) leaves from kolanut host tree. <i>Journal of Food Biochemistry</i> , 2018 , 42, e12510	3.3	3
63	In vitro inhibitory effects of mistletoes (<i>Loranthus begwensis</i> L.) phenolic-rich extracts on Amylase, Bglucosidase, and angiotensin converting enzyme activities. <i>Journal of Food Biochemistry</i> , 2018 , 42, e12504	3.3	4
62	Phenolic Constituents and Inhibitory Effects of Hibiscus sabdariffa L. (Sorrel) Calyx on Cholinergic, Monoaminergic, and Purinergic Enzyme Activities. <i>Journal of Dietary Supplements</i> , 2018 , 15, 910-922	2.3	6
61	Local condiments from fermented tropical legume seeds modulate activities of critical enzymes relevant to cardiovascular diseases and endothelial function. <i>Food Science and Nutrition</i> , 2018 , 6, 602-608 ²	3.2	1
60	Green leafy vegetables from two <i>Solanum</i> spp. (L and L) ameliorate scopolamine-induced cognitive and neurochemical impairments in rats. <i>Food Science and Nutrition</i> , 2018 , 6, 860-870	3.2	23
59	Effect of fermented legume seeds on some key enzymes relevant to erectile dysfunction in vitro. <i>Journal of Food Biochemistry</i> , 2018 , 42, e12437	3.3	3
58	Antiulcer Agents: From Plant Extracts to Phytochemicals in Healing Promotion. <i>Molecules</i> , 2018 , 23,	4.8	79
57	Drying alters the phenolic constituents, antioxidant properties, Amylase, and Bglucosidase inhibitory properties of Moringa () leaf. <i>Food Science and Nutrition</i> , 2018 , 6, 2123-2133	3.2	28
56	Phytochemicals in Infections: What Are We Doing Now?. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	57
55	Cabbage and cucumber extracts exhibited anticholinesterase, antimonoamine oxidase and antioxidant properties. <i>Journal of Food Biochemistry</i> , 2017 , 41, e12358	3.3	16

54	Tiger nut (<i>Cyperus esculentus</i> L.) supplemented diet modulate key biochemical indices relevant to erectile function in male rats. <i>Journal of Functional Foods</i> , 2017 , 34, 152-158	5.1	8
53	Insecticidal activity of essential oil from orange peels (<i>Citrus sinensis</i>) against <i>Tribolium confusum</i> , <i>Callosobruchus maculatus</i> and <i>Sitophilus oryzae</i> and its inhibitory effects on acetylcholinesterase and Na ⁺ /K ⁺ -ATPase activities. <i>Phytoparasitica</i> , 2017 , 45, 501-508	1.5	26
52	Phenolic extracts and amino acids content from and inhibit relevant enzymes of erectile dysfunction in rat's penile tissue. <i>Biochemistry and Biophysics Reports</i> , 2017 , 12, 5-11	2.2	4
51	Modulation of some markers of erectile dysfunction and malonaldehyde levels in isolated rat penile tissue with unripe and ripe plantain peels: identification of the constituents of the plants using HPLC. <i>Pharmaceutical Biology</i> , 2017 , 55, 1920-1926	3.8	20
50	Biological Activities of Essential Oils: From Plant Chemoecology to Traditional Healing Systems. <i>Molecules</i> , 2017 , 22,	4.8	274
49	Drying Methods Alter Angiotensin-I Converting Enzyme Inhibitory Activity, Antioxidant Properties, and Phenolic Constituents of African Mistletoe (<i>Loranthus bengwensis</i> L) Leaves. <i>Journal of Evidence-Based Complementary & Alternative Medicine</i> , 2016 , 21, 260-70		6
48	Effect of Two Ginger Varieties on Arginase Activity in Hypercholesterolemic Rats. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2016 , 9, 80-7	1.2	21
47	Polyphenolic compositions and angiotensin-I-converting enzyme inhibitory properties of common green leafy vegetables: A comparative study. <i>Food Science and Biotechnology</i> , 2016 , 25, 1243-1249	3	20
46	Aqueous extracts of avocado pear (<i>Persea americana</i> Mill.) leaves and seeds exhibit anti-cholinesterases and antioxidant activities in vitro. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2016 , 27, 131-40	1.6	33
45	Biological activities, antioxidant properties and phytoconstituents of essential oil from sweet basil (<i>Ocimum basilicum</i> L.) leaves. <i>Comparative Clinical Pathology</i> , 2016 , 25, 169-176	0.9	50
44	A comparative study on antihypertensive and antioxidant properties of phenolic extracts from fruit and leaf of some guava (<i>Psidium guajava</i> L.) varieties. <i>Comparative Clinical Pathology</i> , 2016 , 25, 363-374	0.9	25
43	Jimson weed (<i>Datura stramonium</i> L.) alkaloid extracts modulate cholinesterase and monoamine oxidase activities in vitro: possible modulatory effect on neuronal function. <i>Comparative Clinical Pathology</i> , 2016 , 25, 733-741	0.9	15
42	Alkaloid extracts from Jimson weed (<i>Datura stramonium</i> L.) modulate purinergic enzymes in rat brain. <i>NeuroToxicology</i> , 2016 , 56, 107-117	4.4	27
41	Antioxidant properties and in vitro α -amylase and β -glucosidase inhibitory properties of phenolics constituents from different varieties of <i>Corchorus</i> spp.. <i>Journal of Taibah University Medical Sciences</i> , 2015 , 10, 278-287	1.7	30
40	Angiotensin I-converting enzyme inhibitory activity and hypocholesterolemic effect of some fermented tropical legumes in streptozotocin-induced diabetic rats. <i>International Journal of Diabetes in Developing Countries</i> , 2015 , 35, 493-500	0.8	10
39	Contribution of <i>Musa paradisiaca</i> in the inhibition of α -amylase, β -glucosidase and Angiotensin-I converting enzyme in streptozotocin induced rats. <i>Life Sciences</i> , 2015 , 133, 8-14	6.8	14
38	Dietary supplementation with fermented legumes modulate hyperglycemia and acetylcholinesterase activities in Streptozotocin-induced diabetes. <i>Pathophysiology</i> , 2015 , 22, 195-201	1.8	20
37	Local salt substitutes "Obu-otoyo" activate acetylcholinesterase and butyrylcholinesterase and induce lipid peroxidation in rat brain. <i>Interdisciplinary Toxicology</i> , 2015 , 8, 139-45	2.3	3

36	Consumption of thermally oxidized palm oil diets alters biochemical indices in rats. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2015 , 4, 150-156	2.2	10
35	Phenolic Extract from <i>Moringa oleifera</i> Leaves Inhibits Key Enzymes Linked to Erectile Dysfunction and Oxidative Stress in Rats' Penile Tissues. <i>Biochemistry Research International</i> , 2015 , 2015, 175950	2.4	56
34	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, 165-70	1.6	154
33	Polyphenolic Composition and Evaluation of Antioxidant Activity, Osmotic Fragility and Cytotoxic Effects of <i>Raphiodon echinus</i> (Nees & Mart.) Schauer. <i>Molecules</i> , 2015 , 21, E2	4.8	12
32	Effect of fermented soybean condiment supplemented diet on α -amylase and α -glucosidase activities in Streptozotocin-induced diabetic rats. <i>Journal of Functional Foods</i> , 2014 , 9, 1-9	5.1	41
31	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>). <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2014 , 25, 21-34	1.6	22
30	Inhibition of angiotensin-1-converting enzyme activity by two varieties of ginger (<i>Zingiber officinale</i>) in rats fed a high cholesterol diet. <i>Journal of Medicinal Food</i> , 2014 , 17, 317-23	2.8	38
29	Phenolic compounds from sandpaper (<i>Ficus exasperata</i>) leaf inhibits angiotensin 1 converting enzyme in high cholesterol diet fed rats. <i>Journal of Ethnopharmacology</i> , 2014 , 157, 119-25	5	25
28	Dietary inclusion of sorghum (<i>Sorghum bicolor</i>) straw dye protects against cisplatin-induced nephrotoxicity and oxidative stress in rats. <i>Pharmaceutical Biology</i> , 2014 , 52, 829-34	3.8	7
27	Interaction of some commercial teas with some carbohydrate metabolizing enzymes linked with type-2 diabetes: a dietary intervention in the prevention of type-2 diabetes. <i>Advances in Preventive Medicine</i> , 2014 , 2014, 534082	1.7	2
26	Inhibitory effect of polyphenolic-rich extract from <i>Cola nitida</i> (Kolanut) seed on key enzyme linked to type 2 diabetes and Fe(2+) induced lipid peroxidation in rat pancreas in vitro. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2014 , 4, S405-12	1.4	13
25	Sorghum [<i>Sorghum bicolor</i> (L.) Moench] leaf sheath dye protects against cisplatin-induced hepatotoxicity and oxidative stress in rats. <i>Journal of Medicinal Food</i> , 2014 , 17, 1332-8	2.8	11
24	Dietary inclusion of local salt substitutes induces oxidative stress and renal dysfunction in rats. <i>Reviews on Environmental Health</i> , 2014 , 29, 355-61	3.8	2
23	In Vitro Studies on the Antioxidant Property and Inhibition of α -Amylase, α -Glucosidase, and Angiotensin I-Converting Enzyme by Polyphenol-Rich Extracts from Cocoa (<i>Theobroma cacao</i>) Bean. <i>Pathology Research International</i> , 2014 , 2014, 549287		25
22	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. <i>Journal of Food Science and Technology</i> , 2014 , 51, 884-91	3.3	16
21	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, 413-9	4.6	178
20	Aqueous extracts of two varieties of ginger (<i>Zingiber officinale</i>) inhibit angiotensin I-converting enzyme, iron(II), and sodium nitroprusside-induced lipid peroxidation in the rat heart in vitro. <i>Journal of Medicinal Food</i> , 2013 , 16, 641-6	2.8	31
19	Soybean phenolic-rich extracts inhibit key-enzymes linked to type 2 diabetes (α -amylase and α -glucosidase) and hypertension (angiotensin I converting enzyme) in vitro. <i>Experimental and Toxicologic Pathology</i> , 2013 , 65, 305-9		192

18	Modulatory effects of dietary inclusion of garlic (<i>Allium sativum</i>) on gentamycin-induced hepatotoxicity and oxidative stress in rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2013 , 3, 470-5	1.4	26
17	Aqueous extracts of Roselle (<i>Hibiscus sabdariffa</i> Linn.) varieties inhibit α mylase and β glucosidase activities in vitro. <i>Journal of Medicinal Food</i> , 2013 , 16, 88-93	2.8	43
16	Inhibitory Effect of Phenolic Extract from Garlic on Angiotensin-1 Converting Enzyme and Cisplatin induced Lipid Peroxidation - In Vitro. <i>International Journal of Biomedical Science</i> , 2013 , 9, 98-106		12
15	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(2+) induced lipid peroxidation in rat brain in vitro. <i>Experimental and Toxicologic Pathology</i> , 2012 , 64, 31-6		85
14	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, 315-9		76
13	Inhibition of α mylase and β glucosidase activities by ethanolic extract of <i>Telfairia occidentalis</i> (fluted pumpkin) leaf. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012 , 2, 733-8	1.4	37
12	Attenuation of gentamycin-induced nephrotoxicity in rats by dietary inclusion of ginger (<i>Zingiber officinale</i>) and turmeric (<i>Curcuma longa</i>) rhizomes. <i>Nutrition and Health</i> , 2012 , 21, 209-18	2.1	24
11	Effect of dietary inclusion of salt substitutes "Obu-Otoyo" on some biochemical indices in rat. <i>Food and Chemical Toxicology</i> , 2012 , 50, 2873-7	4.7	2
10	Attenuation of oxidative stress and hepatic damage by some fermented tropical legume condiment diets in streptozotocin-induced diabetes in rats. <i>Asian Pacific Journal of Tropical Medicine</i> , 2012 , 5, 692-7	2.1	20
9	Inhibitory effect of polyphenol-rich extracts of jute leaf (<i>Corchorus olitorius</i>) on key enzyme linked to type 2 diabetes (α mylase and β glucosidase) and hypertension (angiotensin I converting) in vitro. <i>Journal of Functional Foods</i> , 2012 , 4, 450-458	5.1	152
8	Antioxidant properties and inhibitory effect of ethanolic extract of <i>Struchium sparganophora</i> (Ewuro Odo) leaf on α mylase and β glucosidase activities. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2012 , 9, 342-9	0.3	3
7	Interaction of aqueous extracts of two varieties of Yam tubers (<i>Dioscorea</i> spp) on some key enzymes linked to type 2 Diabetes in vitro. <i>International Journal of Food Science and Technology</i> , 2012 , 47, 703-709	3.8	10
6	IN VITRO ANTIDIABETES AND ANTIHYPERTENSION PROPERTIES OF PHENOLIC EXTRACTS FROM BITTER LEAF (<i>VERNONIA AMYGDALINA</i> DEL.). <i>Journal of Food Biochemistry</i> , 2012 , 36, 569-576	3.3	24
5	Phenolic-rich extracts from selected tropical underutilized legumes inhibit α mylase, β glucosidase, and angiotensin I converting enzyme in vitro. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2012 , 23, 17-25	1.6	22
4	Effect of combination on the antioxidant and inhibitory properties of tropical pepper varieties against α mylase and β glucosidase activities in vitro. <i>Journal of Medicinal Food</i> , 2011 , 14, 1152-8	2.8	37
3	ANTIOXIDANT PROPERTIES OF CONDIMENT PRODUCED FROM FERMENTED BAMBARA GROUNDNUT (<i>VIGNA SUBTERRANEA</i> L. VERDC). <i>Journal of Food Biochemistry</i> , 2011 , 35, 1145-1160	3.3	33
2	The effect of roasting on the nutritional and antioxidant properties of yellow and white maize varieties. <i>International Journal of Food Science and Technology</i> , 2010 , 45, 1236-1242	3.8	42
1	Changes in Polyphenols Distribution and Antioxidant Activity during Fermentation of Some Underutilized Legumes. <i>Food Science and Technology International</i> , 2009 , 15, 41-46	2.6	58

