

# Ganiyu Oboh

## List of Publications by Citations

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369  
papers

6,941  
citations

39  
h-index

62  
g-index

385  
ext. papers

8,210  
ext. citations

2.9  
avg, IF

6.68  
L-index

#	Paper	IF	Citations
369	Soybean phenolic-rich extracts inhibit key-enzymes linked to type 2 diabetes ( $\alpha$ -amylase and $\alpha$ -glucosidase) and hypertension (angiotensin I converting enzyme) in vitro. <i>Experimental and Toxicologic Pathology</i> , <b>2013</b> , 65, 305-9		192
368	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> , <b>2013</b> , 38, 413-9	4.6	178
367	Hot pepper ( <i>Capsicum annuum</i> , Tepin and <i>Capsicum chinese</i> , Habanero) prevents Fe <sup>2+</sup> -induced lipid peroxidation in brain $\square$ in vitro. <i>Food Chemistry</i> , <b>2007</b> , 102, 178-185	8.5	175
366	Effect of blanching on the antioxidant properties of some tropical green leafy vegetables. <i>LWT - Food Science and Technology</i> , <b>2005</b> , 38, 513-517	5.4	157
365	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> , <b>2015</b> , 26, 165-70	1.6	154
364	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> , <b>2012</b> , 4, 450-458	5.1	152
363	Influence of gallic acid on $\alpha$ -amylase and $\alpha$ -glucosidase inhibitory properties of acarbose. <i>Journal of Food and Drug Analysis</i> , <b>2016</b> , 24, 627-634	7	109
362	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> , <b>2019</b> , 109, 450-458	7.5	100
361	Polyphenols in red pepper [ <i>Capsicum annuum</i> var. <i>aviculare</i> (Tepin)] and their protective effect on some pro-oxidants induced lipid peroxidation in brain and liver. <i>European Food Research and Technology</i> , <b>2007</b> , 225, 239-247	3.4	99
360	Change in the ascorbic acid, total phenol and antioxidant activity of sun-dried commonly consumed green leafy vegetables in Nigeria. <i>Nutrition and Health</i> , <b>2004</b> , 18, 29-36	2.1	93
359	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> , <b>2012</b> , 64, 31-6		85
358	Biochemical changes in cassava products (flour & gari) subjected to <i>Saccharomyces cerevisiae</i> solid media fermentation. <i>Food Chemistry</i> , <b>2003</b> , 82, 599-602	8.5	81
357	Characterization of the antioxidant properties of phenolic extracts from some citrus peels. <i>Journal of Food Science and Technology</i> , <b>2012</b> , 49, 729-36	3.3	79
356	Antihyperglycemic, hypolipidemic, hepatoprotective and antioxidative effects of dietary clove ( <i>Syzygium aromaticum</i> ) bud powder in a high-fat diet/streptozotocin-induced diabetes rat model. <i>Journal of the Science of Food and Agriculture</i> , <b>2014</b> , 94, 2726-37	4.3	76
355	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> , <b>2012</b> , 64, 315-9		76
354	Antioxidative Properties and Effect of Quercetin and Its Glycosylated Form (Rutin) on Acetylcholinesterase and Butyrylcholinesterase Activities. <i>Journal of Evidence-Based Complementary &amp; Alternative Medicine</i> , <b>2016</b> , 21, NP11-7		74
353	Antioxidant properties of some commonly consumed and underutilized tropical legumes. <i>European Food Research and Technology</i> , <b>2006</b> , 224, 61-65	3.4	73

352	Antioxidant and antidiabetic effects of gallic and protocatechuic acids: a structurefunction perspective. <i>Comparative Clinical Pathology</i> , <b>2015</b> , 24, 1579-1585	0.9	61
351	Inhibition of key enzymes linked to type 2 diabetes and sodium nitroprusside-induced lipid peroxidation in rat pancreas by water extractable phytochemicals from some tropical spices. <i>Pharmaceutical Biology</i> , <b>2012</b> , 50, 857-65	3.8	61
350	Antioxidant properties of polar and non-polar extracts of some tropical green leafy vegetables. <i>Journal of the Science of Food and Agriculture</i> , <b>2008</b> , 88, 2486-2492	4.3	60
349	In vitro inhibition activity of polyphenol-rich extracts from <i>Syzygium aromaticum</i> (L.) Merr. & Perry (Clove) buds against carbohydrate hydrolyzing enzymes linked to type 2 diabetes and Fe(2+)-induced lipid peroxidation in rat pancreas. <i>Asian Pacific Journal of Tropical Biomedicine</i> , <b>2012</b> , 2, 774-81	1.4	58
348	Changes in Polyphenols Distribution and Antioxidant Activity during Fermentation of Some Underutilized Legumes. <i>Food Science and Technology International</i> , <b>2009</b> , 15, 41-46	2.6	58
347	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> , <b>2015</b> , 2015, 175950	2.4	56
346	Shaddock peels ( <i>Citrus maxima</i> ) phenolic extracts inhibit $\alpha$ -amylase, $\alpha$ -glucosidase and angiotensin I-converting enzyme activities: a nutraceutical approach to diabetes management. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , <b>2011</b> , 5, 148-52	8.9	56
345	Starch composition, glycemic indices, phenolic constituents, and antioxidative and antidiabetic properties of some common tropical fruits. <i>Journal of Ethnic Foods</i> , <b>2015</b> , 2, 64-73	2.5	55
344	Biological activities, antioxidant properties and phytoconstituents of essential oil from sweet basil ( <i>Ocimum basilicum</i> L.) leaves. <i>Comparative Clinical Pathology</i> , <b>2016</b> , 25, 169-176	0.9	50
343	DISTRIBUTION AND ANTIOXIDANT ACTIVITY OF POLYPHENOLS IN RIPE AND UNRIPE TREE PEPPER ( <i>CAPSICUM PUBESCENS</i> ). <i>Journal of Food Biochemistry</i> , <b>2007</b> , 31, 456-473	3.3	50
342	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> , <b>2017</b> , 62, 6-13	4.4	45
341	Characterization of the antioxidant properties of hydrophilic and lipophilic extracts of Jute ( <i>Corchorus olitorius</i> ) leaf. <i>International Journal of Food Sciences and Nutrition</i> , <b>2009</b> , 60 Suppl 2, 124-34	3.7	45
340	Nutritional and haemolytic properties of eggplants ( <i>Solanum macrocarpon</i> ) leaves. <i>Journal of Food Composition and Analysis</i> , <b>2005</b> , 18, 153-160	4.1	45
339	Nutrient enrichment of cassava peels using a mixed culture of <i>Saccharomyces cerevisiae</i> and <i>Lactobacillus</i> spp solid media fermentation techniques. <i>Electronic Journal of Biotechnology</i> , <b>2006</b> , 9, 46-49	2.1	45
338	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> , <b>2015</b> , 17, 792-801	5.1	44
337	Aqueous extracts of Roselle ( <i>Hibiscus sabdariffa</i> Linn.) varieties inhibit $\alpha$ -amylase and $\alpha$ -glucosidase activities in vitro. <i>Journal of Medicinal Food</i> , <b>2013</b> , 16, 88-93	2.8	43
336	Anti-amnestic Effect of Curcumin in Combination with Donepezil, an Anticholinesterase Drug: Involvement of Cholinergic System. <i>Neurotoxicity Research</i> , <b>2017</b> , 31, 560-569	4.3	42
335	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> , <b>2010</b> , 45, 1236-1242	3.8	42

334	Comparative effect of quercetin and rutin on $\alpha$ -amylase, $\alpha$ -glucosidase, and some pro-oxidant-induced lipid peroxidation in rat pancreas. <i>Comparative Clinical Pathology</i> , <b>2015</b> , 24, 1103-1110	4.1	41
333	Effect of fermented soybean condiment supplemented diet on $\alpha$ -amylase and $\alpha$ -glucosidase activities in Streptozotocin-induced diabetic rats. <i>Journal of Functional Foods</i> , <b>2014</b> , 9, 1-9	5.1	41
332	Essential oil from lemon peels inhibit key enzymes linked to neurodegenerative conditions and pro-oxidant induced lipid peroxidation. <i>Journal of Oleo Science</i> , <b>2014</b> , 63, 373-81	1.6	41
331	Cyclophosphamide-induced oxidative stress in brain: protective effect of hot short pepper ( <i>Capsicum frutescens</i> L. var. <i>abbreviatum</i> ). <i>Experimental and Toxicologic Pathology</i> , <b>2010</b> , 62, 227-33		40
330	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> , <b>2014</b> , 17, 317-23	2.8	38
329	Fermentation Changes the Nutritive Value, Polyphenol Distribution, and Antioxidant Properties of <i>Parkia biglobosa</i> Seeds (African Locust Beans). <i>Food Biotechnology</i> , <b>2008</b> , 22, 363-376	2.2	38
328	Properties of flavonoids influencing the binding to bilitranslocase investigated by neural network modelling. <i>Biochemical Pharmacology</i> , <b>2007</b> , 73, 308-20	6	38
327	Distribution of Phenolic Contents, Antidiabetic Potentials, Antihypertensive Properties, and Antioxidative Effects of Soursop ( <i>Annona muricata</i> L.) Fruit Parts In Vitro. <i>Biochemistry Research International</i> , <b>2015</b> , 2015, 347673	2.4	37
326	Inhibition of $\alpha$ -amylase and $\alpha$ -glucosidase activities by ethanolic extract of <i>Telfairia occidentalis</i> (fluted pumpkin) leaf. <i>Asian Pacific Journal of Tropical Biomedicine</i> , <b>2012</b> , 2, 733-8	1.4	37
325	Effect of combination on the antioxidant and inhibitory properties of tropical pepper varieties against $\alpha$ -amylase and $\alpha$ -glucosidase activities in vitro. <i>Journal of Medicinal Food</i> , <b>2011</b> , 14, 1152-8	2.8	37
324	Inhibition of enzymes linked to type-2 diabetes and hypertension by essential oils from peels of orange and lemon. <i>International Journal of Food Properties</i> , <b>2017</b> , 20, S586-S594	3	36
323	In vitro neuroprotective properties of some commonly consumed green leafy vegetables in Southern Nigeria. <i>NFS Journal</i> , <b>2016</b> , 2, 19-24	6.5	36
322	Nutrient and Anti-nutrient Contents of <i>Aspergillus niger</i> -Fermented Cassava Products (Flour and Gari). <i>Journal of Food Composition and Analysis</i> , <b>2002</b> , 15, 617-622	4.1	36
321	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> , <b>2016</b> , 4, 15-21	6.5	36
320	<i>Moringa oleifera</i> supplemented diet modulates nootropic-related biomolecules in the brain of STZ-induced diabetic rats treated with acarbose. <i>Metabolic Brain Disease</i> , <b>2018</b> , 33, 457-466	3.9	35
319	ENHANCEMENT OF TOTAL PHENOLICS AND ANTIOXIDANT PROPERTIES OF SOME TROPICAL GREEN LEAFY VEGETABLES BY STEAM COOKING. <i>Journal of Food Processing and Preservation</i> , <b>2011</b> , 35, 615-622	2.1	35
318	Antioxidant and Neuroprotective Properties of Sour Tea ( <i>Hibiscus sabdariffa</i> , calyx) and Green Tea ( <i>Camellia sinensis</i> ) on some Pro-oxidant-induced Lipid Peroxidation in Brain in vitro. <i>Food Biophysics</i> , <b>2008</b> , 3, 382-389	3.2	35
317	Comparative Study of Chemical Composition, In Vitro Inhibition of Cholinergic and Monoaminergic Enzymes, and Antioxidant Potentials of Essential Oil from Peels and Seeds of Sweet Orange ( <i>Citrus Sinensis</i> [L.] Osbeck) Fruits. <i>Journal of Food Biochemistry</i> , <b>2016</b> , 40, 53-60	3.3	34

316	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> , <b>2016</b> , 27, 131-40	1.6	33
315	Modulatory effect of protocatechuic acid on cadmium induced nephrotoxicity and hepatotoxicity in rats in vivo. <i>SpringerPlus</i> , <b>2015</b> , 4, 619		33
314	ANTIOXIDANT PROPERTIES OF CONDIMENT PRODUCED FROM FERMENTED BAMBARA GROUNDNUT ( <i>VIGNA SUBTERRANEA</i> L. VERDC). <i>Journal of Food Biochemistry</i> , <b>2011</b> , 35, 1145-1160	3.3	33
313	Inhibition of cyclophosphamide-induced oxidative stress in rat brain by polar and non-polar extracts of Annatto ( <i>Bixa orellana</i> ) seeds. <i>Experimental and Toxicologic Pathology</i> , <b>2011</b> , 63, 257-62		33
312	Guava leaves polyphenolics-rich extract inhibits vital enzymes implicated in gout and hypertension in vitro. <i>Journal of Intercultural Ethnopharmacology</i> , <b>2016</b> , 5, 122-30		33
311	In vitro inhibition of phosphodiesterase-5 and arginase activities from rat penile tissue by two Nigerian herbs ( <i>Hunteria umbellata</i> and <i>Anogeissus leiocarpus</i> ). <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , <b>2017</b> , 28, 393-401	1.6	32
310	Antioxidant and inhibitory properties of <i>Clerodendrum volubile</i> leaf extracts on key enzymes relevant to non-insulin dependent diabetes mellitus and hypertensionPeer review under responsibility of Taibah UniversityView all notes. <i>Journal of Taibah University for Science</i> , <b>2016</b> , 10, 521-533	3	32
309	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> , <b>2013</b> , 16, 641-6	2.8	31
308	Antioxidant properties and in vitro α-amylase and α-glucosidase inhibitory properties of phenolics constituents from different varieties of <i>Corchorus</i> spp.. <i>Journal of Taibah University Medical Sciences</i> , <b>2015</b> , 10, 278-287	1.7	30
307	Phenolics from grapefruit peels inhibit HMG-CoA reductase and angiotensin-I converting enzyme and show antioxidative properties in endothelial EA.Hy 926 cells. <i>Food Science and Human Wellness</i> , <b>2015</b> , 4, 80-85	8.3	30
306	Antioxidant properties of aqueous extracts of unripe <i>Musa paradisiaca</i> on sodium nitroprusside induced lipid peroxidation in rat pancreas in vitro. <i>Asian Pacific Journal of Tropical Biomedicine</i> , <b>2013</b> , 3, 449-57	1.4	30
305	Antioxidative properties and inhibition of key enzymes relevant to type-2 diabetes and hypertension by essential oils from black pepper. <i>Advances in Pharmacological Sciences</i> , <b>2013</b> , 2013, 926047	4.9	30
304	Alterations of Na/K-ATPase, cholinergic and antioxidant enzymes activity by protocatechuic acid in cadmium-induced neurotoxicity and oxidative stress in Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , <b>2016</b> , 83, 559-568	7.5	30
303	Quercetin and Its Role in Chronic Diseases. <i>Advances in Experimental Medicine and Biology</i> , <b>2016</b> , 929, 377-387	3.6	29
302	Potential Health Implications of the Consumption of Thermally-Oxidized Cooking Oils A Review. <i>Polish Journal of Food and Nutrition Sciences</i> , <b>2017</b> , 67, 95-105	3.1	28
301	Dietary supplementation of ginger and turmeric improves reproductive function in hypertensive male rats. <i>Toxicology Reports</i> , <b>2015</b> , 2, 1357-1366	4.8	28
300	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> , <b>2019</b> , 16, 105-118	2.3	28
299	Drying alters the phenolic constituents, antioxidant properties, α-amylase, and α-glucosidase inhibitory properties of <i>Moringa</i> () leaf. <i>Food Science and Nutrition</i> , <b>2018</b> , 6, 2123-2133	3.2	28

298	Essential Oil from Clove Bud ( <i>Eugenia aromatica</i> Kuntze) Inhibit Key Enzymes Relevant to the Management of Type-2 Diabetes and Some Pro-oxidant Induced Lipid Peroxidation in Rats Pancreas in vitro. <i>Journal of Oleo Science</i> , <b>2015</b> , 64, 775-82	1.6	27
297	PHENOLIC EXTRACTS FROM GRAPEFRUIT PEELS (CITRUS PARADISI) INHIBIT KEY ENZYMES LINKED WITH TYPE 2 DIABETES AND HYPERTENSION. <i>Journal of Food Biochemistry</i> , <b>2011</b> , 35, 1703-1709	3.3	27
296	Alkaloid extracts from Jimson weed ( <i>Datura stramonium</i> L.) modulate purinergic enzymes in rat brain. <i>NeuroToxicology</i> , <b>2016</b> , 56, 107-117	4.4	27
295	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 <sup>+</sup> /K <sup>+</sup> -ATPase activities. <i>Phytoparasitica</i> , <b>2017</b> , 45, 501-508	1.5	26
294	Curcumin-supplemented diets improve antioxidant enzymes and alter acetylcholinesterase genes expression level in <i>Drosophila melanogaster</i> model. <i>Metabolic Brain Disease</i> , <b>2018</b> , 33, 369-375	3.9	26
293	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> , <b>2013</b> , 3, 470-5	1.4	26
292	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> , <b>2016</b> , 25, 363-374	0.9	25
291	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> , <b>2014</b> , 157, 119-25	5	25
290	Phenolic Extracts from <i>Clerodendrum volubile</i> Leaves Inhibit Cholinergic and Monoaminergic Enzymes Relevant to the Management of Some Neurodegenerative Diseases. <i>Journal of Dietary Supplements</i> , <b>2017</b> , 14, 358-371	2.3	25
289	Essential Oil Composition, Antioxidant, Antidiabetic and Antihypertensive Properties of Two <i>Afromomum</i> Species. <i>Journal of Oleo Science</i> , <b>2017</b> , 66, 51-63	1.6	25
288	In Vitro Studies on the Antioxidant Property and Inhibition of $\alpha$ -Amylase, $\beta$ -Glucosidase, and Angiotensin I-Converting Enzyme by Polyphenol-Rich Extracts from Cocoa ( <i>Theobroma cacao</i> ) Bean. <i>Pathology Research International</i> , <b>2014</b> , 2014, 549287		25
287	Cognitive Enhancing and Antioxidative Potentials of Velvet Beans ( <i>Mucuna pruriens</i> ) and Horseradish ( <i>Moringa oleifera</i> ) Seeds Extracts: A Comparative Study. <i>Journal of Food Biochemistry</i> , <b>2017</b> , 41, e12292	3.3	24
286	Phenolic constituents and modulatory effects of <i>Raffia palm</i> leaf () extract on carbohydrate hydrolyzing enzymes linked to type-2 diabetes. <i>Journal of Traditional and Complementary Medicine</i> , <b>2017</b> , 7, 494-500	4.6	24
285	In vitro neuroprotective potentials of aqueous and methanol extracts from <i>Heinsia crinita</i> leaves. <i>Food Science and Human Wellness</i> , <b>2016</b> , 5, 95-102	8.3	24
284	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> , <b>2012</b> , 21, 209-18	2.1	24
283	IN VITRO ANTIDIABETES AND ANTIHYPERTENSION PROPERTIES OF PHENOLIC EXTRACTS FROM BITTER LEAF ( <i>VERNONIA AMYGDALINA</i> DEL.). <i>Journal of Food Biochemistry</i> , <b>2012</b> , 36, 569-576	3.3	24
282	Antidiabetic effects of Kernel Flour-supplemented diet in streptozotocin-induced type 2 diabetes in rats. <i>Food Science and Nutrition</i> , <b>2016</b> , 4, 828-839	3.2	24
281	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> , <b>2018</b> , 6, 860-870	3.2	23

280	Dietary Supplementation of Ginger and Turmeric Rhizomes Modulates Platelets Ectonucleotidase and Adenosine Deaminase Activities in Normotensive and Hypertensive Rats. <i>Phytotherapy Research</i> , <b>2016</b> , 30, 1156-63	6.7	23
279	Phenolic Composition and Evaluation of Methanol and Aqueous Extracts of Bitter Gourd ( <i>Momordica charantia</i> L) Leaves on Angiotensin-I-Converting Enzyme and Some Pro-oxidant-Induced Lipid Peroxidation In Vitro. <i>Journal of Evidence-Based Complementary &amp; Alternative Medicine</i> , <b>2014</b> , 19, 1157-1171		23
278	Erectogenic, Antihypertensive, Antidiabetic, Anti-Oxidative Properties and Phenolic Compositions of Almond Fruit ( <i>Terminalia catappa</i> L.) Parts (Hull and Drupe) In vitro. <i>Journal of Food Biochemistry</i> , <b>2017</b> , 41, e12309	3.3	23
277	Inhibition of cyclophosphamide-induced oxidative stress in brain by dietary inclusion of red dye extracts from sorghum ( <i>Sorghum bicolor</i> ) stem. <i>Journal of Medicinal Food</i> , <b>2010</b> , 13, 1075-80	2.8	23
276	Antioxidant and hepatoprotective properties of polyphenol extracts from <i>Telfairia occidentalis</i> (fluted pumpkin) leaves on acetaminophen induced liver damage. <i>Pakistan Journal of Biological Sciences</i> , <b>2007</b> , 10, 2682-7	0.8	23
275	Modulatory effect of quercetin and its glycosylated form on key enzymes and antioxidant status in rats penile tissue of paroxetine-induced erectile dysfunction. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 107, 1473-1479	7.5	23
274	Lasianthera Africana leaves inhibits $\alpha$ -amylase $\alpha$ -glucosidase, angiotensin-I converting enzyme activities and Fe <sup>2+</sup> -induced oxidative damage in pancreas and kidney homogenates. <i>Oriental Pharmacy and Experimental Medicine</i> , <b>2017</b> , 17, 41-49	2	22
273	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> , <b>2014</b> , 25, 21-34	1.6	22
272	Phenolic composition and inhibitory activity of <i>Mangifera indica</i> and <i>Mucuna urens</i> seeds extracts against key enzymes linked to the pathology and complications of type 2 diabetes. <i>Asian Pacific Journal of Tropical Biomedicine</i> , <b>2014</b> , 4, 903-910	1.4	22
271	Phenolic-rich extracts from selected tropical underutilized legumes inhibit $\alpha$ -amylase, $\alpha$ -glucosidase, and angiotensin I converting enzyme in vitro. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , <b>2012</b> , 23, 17-25	1.6	22
270	Acetylcholinesterase (AChE) inhibitory activity, antioxidant properties and phenolic composition of two <i>Aframomum</i> species. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , <b>2012</b> , 23, 153-61	1.6	22
269	Effect of Two Ginger Varieties on Arginase Activity in Hypercholesterolemic Rats. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , <b>2016</b> , 9, 80-7	1.2	21
268	Comparative Effects of Alkaloid Extracts from <i>Aframomum melegueta</i> (Alligator Pepper) and <i>Aframomum danielli</i> (Bastered Melegueta) on Enzymes Relevant to Erectile Dysfunction. <i>Journal of Dietary Supplements</i> , <b>2017</b> , 14, 542-552	2.3	21
267	Nutritional and toxicological evaluation of <i>Saccharomyces cerevisiae</i> fermented cassava flour. <i>Journal of Food Composition and Analysis</i> , <b>2005</b> , 18, 731-738	4.1	21
266	Inhibitory effect of leaves extracts of and on two key enzymes involved in obesity and hypertension. <i>Journal of Intercultural Ethnopharmacology</i> , <b>2016</b> , 5, 396-402		21
265	Effect of Ginger and Turmeric Rhizomes on Inflammatory Cytokines Levels and Enzyme Activities of Cholinergic and Purinergic Systems in Hypertensive Rats. <i>Planta Medica</i> , <b>2016</b> , 82, 612-20	3.1	21
264	Antioxidant, hypolipidemic, and anti-angiotensin-1-converting enzyme properties of lemon ( <i>Citrus limon</i> ) and lime ( <i>Citrus aurantifolia</i> ) juices. <i>Comparative Clinical Pathology</i> , <b>2015</b> , 24, 1395-1406	0.9	20
263	Dietary supplementation with fermented legumes modulate hyperglycemia and acetylcholinesterase activities in Streptozotocin-induced diabetes. <i>Pathophysiology</i> , <b>2015</b> , 22, 195-201	1.8	20

262	Polyphenolic compositions and angiotensin-I-converting enzyme inhibitory properties of common green leafy vegetables: A comparative study. <i>Food Science and Biotechnology</i> , <b>2016</b> , 25, 1243-1249	3	20
261	Modulatory Effects of Ferulic Acid on Cadmium-Induced Brain Damage. <i>Journal of Evidence-Based Complementary &amp; Alternative Medicine</i> , <b>2016</b> , 21, NP56-61		20
260	Phenolics extract of Tetrapleura tetraptera fruit inhibits xanthine oxidase and Fe <sup>2+</sup> -induced lipid peroxidation in the kidney, liver, and lungs tissues of rats in vitro. <i>Food Science and Human Wellness</i> , <b>2016</b> , 5, 17-23	8.3	20
259	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> , <b>2017</b> , 55, 1920-1926	3.8	20
258	Blanching alters the phenolic constituents and in vitro antioxidant and anticholinesterases properties of fireweed ( <i>Crassocephalum crepidioides</i> ). <i>Journal of Taibah University Medical Sciences</i> , <b>2015</b> , 10, 419-426	1.7	20
257	Inhibition of acetylcholinesterase activity and Fe <sup>2+</sup> -induced lipid peroxidation in rat brain in vitro by some citrus fruit juices. <i>Journal of Medicinal Food</i> , <b>2012</b> , 15, 428-34	2.8	20
256	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> , <b>2012</b> , 5, 692-7	2.1	20
255	Water extractable phytochemicals from <i>Capsicum pubescens</i> (tree pepper) inhibit lipid peroxidation induced by different pro-oxidant agents in brain: in vitro. <i>European Food Research and Technology</i> , <b>2008</b> , 226, 707-713	3.4	20
254	Curcumin administration suppress acetylcholinesterase gene expression in cadmium treated rats. <i>NeuroToxicology</i> , <b>2017</b> , 62, 75-79	4.4	19
253	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> , <b>2017</b> , 32, 87-95	3.9	19
252	Comparison of the inhibition of monoamine oxidase and butyrylcholinesterase activities by infusions from green tea and some citrus peels. <i>International Journal of Alzheimer's Disease</i> , <b>2014</b> , 2014, 586407	3.7	19
251	Distribution of nutrients, polyphenols and antioxidant activities in the pilei and stipes of some commonly consumed edible mushrooms in Nigeria. <i>Bulletin of the Chemical Society of Ethiopia</i> , <b>2009</b> , 23,	1.2	19
250	Antioxidant and inhibitory effects of aqueous extracts of <i>Salvia officinalis</i> leaves on pro-oxidant-induced lipid peroxidation in brain and liver in vitro. <i>Journal of Medicinal Food</i> , <b>2009</b> , 12, 77-84	2.8	19
249	Nutrient and Anti-nutrient Contents of <i>Aspergillus niger</i> -Fermented Cassava Products (Flour and Gari). <i>Journal of Food Composition and Analysis</i> , <b>2002</b> , 15, 617-622	4.1	19
248	Hepatoprotective property of ethanolic and aqueous extracts of fluted pumpkin ( <i>Telfairia occidentalis</i> ) leaves against garlic-induced oxidative stress. <i>Journal of Medicinal Food</i> , <b>2005</b> , 8, 560-3	2.8	19
247	Rutin restores neurobehavioral deficits via alterations in cadmium bioavailability in the brain of rats exposed to cadmium. <i>NeuroToxicology</i> , <b>2020</b> , 77, 12-19	4.4	19
246	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. <i>Journal of Applied Biomedicine</i> , <b>2016</b> , 14, 59-70	0.6	18
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244	Effect of Some Post-Harvest Treatments on the Nutritional Properties of <i>Cnidocolus acotifolus</i> Leaf. <i>Pakistan Journal of Nutrition</i> , <b>2005</b> , 4, 226-230	0.3	18
243	Does caffeine influence the anticholinesterase and antioxidant properties of donepezil? Evidence from in vitro and in vivo studies. <i>Metabolic Brain Disease</i> , <b>2017</b> , 32, 629-639	3.9	17
242	From folk medicine to functional food: a review on the bioactive components and pharmacological properties of citrus peels. <i>Oriental Pharmacy and Experimental Medicine</i> , <b>2018</b> , 18, 9-20	2	17
241	Sorghum stem extract modulates Na <sup>+</sup> /K <sup>+</sup> -ATPase, ecto-5'-nucleotidase, and acetylcholinesterase activities. <i>Comparative Clinical Pathology</i> , <b>2016</b> , 25, 749-756	0.9	17
240	Chromatographic Fingerprint Analysis, Acetylcholinesterase Inhibitory Properties and Antioxidant Activities of Redflower Ragleaf ( <i>Crassocephalum Crepidioides</i> ) Extract. <i>Journal of Food Biochemistry</i> , <b>2016</b> , 40, 109-119	3.3	17
239	Hesperidin attenuates inflammation and oxidative damage in pleural exudates and liver of rat model of pleurisy. <i>Redox Report</i> , <b>2017</b> , 22, 563-571	5.9	17
238	Thermal Oxidation Induces Lipid Peroxidation and Changes in the Physicochemical Properties and $\beta$ -Carotene Content of Arachis Oil. <i>International Journal of Food Science</i> , <b>2015</b> , 2015, 806524	3.4	17
237	Hypocholesterolemic properties of grapefruit ( <i>Citrus paradisi</i> ) and shaddock ( <i>Citrus maxima</i> ) juices and inhibition of angiotensin-1-converting enzyme activity. <i>Journal of Food and Drug Analysis</i> , <b>2014</b> , 22, 477-484	7	17
236	Water Extractable Phytochemicals from Some Nigerian Spices Inhibit Fe <sup>2+</sup> - Induced Lipid Peroxidation in Rat Brain In Vitro. <i>Journal of Food Processing &amp; Technology</i> , <b>2011</b> , 02,	2	17
235	Cabbage and cucumber extracts exhibited anticholinesterase, antimonoamine oxidase and antioxidant properties. <i>Journal of Food Biochemistry</i> , <b>2017</b> , 41, e12358	3.3	16
234	Inhibition of key markers linked with spermatogenesis and cellular ATP by subchronic exposure to leachate in a rat model. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2015</b> , 68, 159-68	3.2	16
233	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> , <b>2014</b> , 51, 884-91	3.3	16
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231	Nutritive value, antioxidant and antimicrobial properties of <i>Struchium sparganophora</i> leaves. <i>Journal of Medicinal Food</i> , <b>2006</b> , 9, 276-80	2.8	16
230	Dynamics of phytate-zinc balance of fungi fermented cassava products (gari and flour). <i>Plant Foods for Human Nutrition</i> , <b>2003</b> , 58, 1-7	3.9	16
229	Antioxidant and Antihyperglycemic Properties of Three Banana Cultivars ( spp.). <i>Scientifica</i> , <b>2016</b> , 2016, 8391398	2.6	16
228	Gallic acid protects against neurochemical alterations in transgenic <i>Drosophila</i> model of Alzheimer's disease. <i>Advances in Traditional Medicine</i> , <b>2020</b> , 20, 89-98	1.4	16
227	Subchronic exposure to leachate activates key markers linked with neurological disorder in Wistar male rat. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 18541-53	5.1	15

226	Seed extracts from <i>Myristica fragrans</i> (Nutmeg) and <i>Moringa oleifera</i> (Drumstick tree) inhibits enzymes relevant to erectile dysfunction and metal-induced oxidative damage in rats' penile tissues. <i>Journal of Food Biochemistry</i> , <b>2018</b> , 42, e12452	3.3	15
225	Effect of dietary supplementation of Padauk ( <i>Pterocarpus soyauxii</i> ) leaf on high fat diet/streptozotocin induced diabetes in rats' brain and platelets. <i>Biomedicine and Pharmacotherapy</i> , <b>2016</b> , 84, 1194-1201	7.5	15
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222	Prevention of garlic-induced hemolytic anemia using some tropical green leafy vegetables. <i>Journal of Medicinal Food</i> , <b>2004</b> , 7, 498-501	2.8	15
221	Nutritional evaluation of some Nigerian wild seeds. <i>Molecular Nutrition and Food Research</i> , <b>2004</b> , 48, 85-7		15
220	Nutrient composition and antimicrobial activity of sorrel drinks (soborodo). <i>Journal of Medicinal Food</i> , <b>2004</b> , 7, 340-2	2.8	15
219	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> , 051-056	2	15
218	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> , <b>2016</b> , 25, 733-741	0.9	15
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216	Contribution of <i>Musa paradisiaca</i> in the inhibition of $\alpha$ -amylase, $\alpha$ -glucosidase and Angiotensin-I converting enzyme in streptozotocin induced rats. <i>Life Sciences</i> , <b>2015</b> , 133, 8-14	6.8	14
215	Caffeic acid and chlorogenic acid: Evaluation of antioxidant effect and inhibition of key enzymes linked with hypertension. <i>Journal of Food Biochemistry</i> , <b>2018</b> , 42, e12541	3.3	14
214	Nutritional properties, sensory qualities and glycemic response of biscuits produced from pigeon pea-wheat composite flour. <i>Journal of Food Biochemistry</i> , <b>2018</b> , 42, e12505	3.3	14
213	Alteration of starch hydrolyzing enzyme inhibitory properties, antioxidant activities, and phenolic profile of clove buds ( <i>Syzygium aromaticum</i> L.) by cooking duration. <i>Food Science and Nutrition</i> , <b>2016</b> , 4, 250-60	3.2	14
212	Phenolic profile and Enzyme Inhibitory activities of Almond ( <i>Terminalia catappa</i> ) leaf and Stem bark. <i>International Journal of Food Properties</i> , <b>2017</b> , 20, S2810-S2821	3	14
211	Testicular membrane lipid damage by complex mixture of leachate from municipal battery recycling site as indication of idiopathic male infertility in rat. <i>Interdisciplinary Toxicology</i> , <b>2013</b> , 6, 192-7	2.3	14
210	Hot Pepper ( <i>Capsicum</i> spp.) protects brain from sodium nitroprusside- and quinolinic acid-induced oxidative stress in vitro. <i>Journal of Medicinal Food</i> , <b>2008</b> , 11, 349-55	2.8	14
209	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. <i>International Journal of Biomedical Science</i> , <b>2014</b> , 10, 208-16		14

208	Anogeissus leiocarpus attenuates paroxetine-induced erectile dysfunction in male rats via enhanced sexual behavior, nitric oxide level and antioxidant status. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 111, 1029-1035	7.5	14
207	Effect of dietary supplementation of tiger nut ( <i>Cyperus esculentus</i> L.) and walnut ( <i>Tetracarpidium conophorum</i> Mull. Arg.) on sexual behavior, hormonal level, and antioxidant status in male rats. <i>Journal of Food Biochemistry</i> , <b>2017</b> , 41, e12351	3.3	13
206	Inhibition of metalloproteinase and proteasome activities in colon cancer cells by citrus peel extracts. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , <b>2015</b> , 26, 471-7	1.6	13
205	<i>Tetracarpidium conophorum</i> (Mull.Arg) Hutch & Dalziel inhibits FeSO <sub>4</sub> -induced lipid peroxidation in rat's genitals. <i>BMC Complementary and Alternative Medicine</i> , <b>2015</b> , 15, 57	4.7	13
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201	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> , <b>2014</b> , 4, S405-12	1.4	13
200	Nutritive Value and Antioxidant Properties of Cereal Gruels Produced from Fermented Maize and Sorghum. <i>Food Biotechnology</i> , <b>2009</b> , 23, 17-31	2.2	13
199	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 In-Vitro. <i>Journal of Applied Pharmaceutical Science</i> , 115-120	2	13
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195	Depletion of cellular adenosine triphosphate and hepatocellular damage in rat after subchronic exposure to leachate from anthropogenic recycling site. <i>Human and Experimental Toxicology</i> , <b>2015</b> , 34, 1083-95	3.4	12
194	Can gallic acid potentiate the antihyperglycemic effect of acarbose and metformin? Evidence from streptozotocin-induced diabetic rat model. <i>Archives of Physiology and Biochemistry</i> , <b>2020</b> , 1-9	2.2	12
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189	Comparative Effects of Local Coagulants on the Nutritive Value, in vitro Multienzyme Protein Digestibility and Sensory Properties of Wara Cheese. <i>International Journal of Dairy Science</i> , <b>2010</b> , 6, 58-65	0.7	12
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187	Effect of dietary inclusions of bitter kola seed on geotactic behavior and oxidative stress markers in. <i>Food Science and Nutrition</i> , <b>2018</b> , 6, 2177-2187	3.2	12
186	Rutin alleviates cadmium-induced neurotoxicity in Wistar rats: involvement of modulation of nucleotide-degrading enzymes and monoamine oxidase. <i>Metabolic Brain Disease</i> , <b>2019</b> , 34, 1181-1190	3.9	11
185	Effect of p-coumaric acid on the erectogenic enzyme activities and non-protein thiol level in the penile tissue of normal and doxorubicin-induced oxidative stress male rat. <i>Andrologia</i> , <b>2019</b> , 51, e13281	2.4	11
184	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. <i>Pharmaceutical Biology</i> , <b>2013</b> , 51, 1165-74	3.8	11
183	Antiperoxidative Activity of Tetracarpidium conophorum Leaf Extract in Reproductive Organs of Male Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 798491	2.3	11
182	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> , <b>2014</b> , 17, 1332-8	2.8	11
181	Exposure to leachate from municipal battery recycling site: implication as key inhibitor of steroidogenic enzymes and risk factor of prostate damage in rats. <i>Reviews on Environmental Health</i> , <b>2013</b> , 28, 203-13	3.8	11
180	Antioxidant and Hepatoprotective Properties of Tofu (Curdle Soymilk) against Acetaminophen-Induced Liver Damage in Rats. <i>Biotechnology Research International</i> , <b>2013</b> , 2013, 230142		11
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178	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> , <b>2015</b> , 35, 493-500	0.8	10
177	Characterization and neuroprotective properties of alkaloid extract of Delile in experimental models of Alzheimer's disease. <i>Drug and Chemical Toxicology</i> , <b>2020</b> , 1-10	2.3	10
176	Co-administration of caffeine and caffeic acid alters some key enzymes linked with reproductive function in male rats. <i>Andrologia</i> , <b>2018</b> , 50, e12839	2.4	10
175	Phenolic composition of orange peels and modulation of redox status and matrix metalloproteinase activities in primary (Caco-2) and metastatic (LoVo and LoVo/ADR) colon cancer cells. <i>European Food Research and Technology</i> , <b>2016</b> , 242, 1949-1959	3.4	10
174	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> , <b>2019</b> , 43, e13037	3.3	10
173	Tetracarpidium conophorum ameliorates oxidative reproductive toxicity induced by ethanol in male rats. <i>BMC Complementary and Alternative Medicine</i> , <b>2015</b> , 15, 439	4.7	10

172	Consumption of thermally oxidized palm oil diets alters biochemical indices in rats. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , <b>2015</b> , 4, 150-156	2.2	10
171	Anticholinesterase and Antioxidative Properties of Aqueous Extract of Cola acuminata Seed In Vitro. <i>International Journal of Alzheimer's Disease</i> , <b>2014</b> , 2014, 498629	3.7	10
170	Effect of diets supplemented with Ethiopian pepper [ <i>Xylopia aethiopica</i> (Dun.) A. Rich (Annonaceae)] and Ashanti pepper [ <i>Piper guineense</i> Schumach. et Thonn (Piperaceae)] on some biochemical parameters in normal rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , <b>2012</b> , 2, S558-S566	1.4	10
169	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> , <b>2012</b> , 47, 703-709	3.8	10
168	Sensory Qualities, Antioxidant Activities, and in vitro Inhibition of Enzymes Relevant to Type-2 Diabetes by Biscuits Produced from 5 Wheat-Bambara Groundnut Flour Blends. <i>International Journal of Food Engineering</i> , <b>2013</b> , 9, 17-28	1.9	10
167	Nutritive value and haemolytic properties (in vitro) of the leaves of <i>Vernonia amygdalina</i> on human erythrocyte. <i>Nutrition and Health</i> , <b>2006</b> , 18, 151-60	2.1	10
166	Nutrient distribution and zinc bioavailability. Estimation in some tropical edible mushrooms. <i>Molecular Nutrition and Food Research</i> , <b>2001</b> , 45, 67-8		10
165	Modulatory Effects of Alkaloid Extract from <i>Gongronema latifolium</i> (Utazi) and <i>Lasianthera africana</i> (Editan) on Activities of Enzymes Relevant to Neurodegeneration. <i>Journal of Dietary Supplements</i> , <b>2019</b> , 16, 27-39	2.3	10
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163	Effect of Alkaloid Extract from African Jointfir () Leaves on Manganese-Induced Toxicity in. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 8952646	6.7	10
162	Phenolic profiling and in vitro antioxidant, anticholinesterase, and antimonoamine oxidase properties of aqueous extract of African star apple ( <i>Chrysophyllum albidum</i> ) fruit parts. <i>Journal of Food Biochemistry</i> , <b>2018</b> , 42, e12568	3.3	10
161	Effects of combined crude alkaloid-rich extracts from alligator pepper ( <i>Aframomum melegueta</i> ) and bastered melegueta ( <i>Aframomum danielli</i> ) on the enzymes crucial to erectile dysfunction in vitro. <i>Journal of Food Biochemistry</i> , <b>2018</b> , 42, e12550	3.3	10
160	<i>Capsicum annum</i> var. <i>grossum</i> (Bell Pepper) Inhibits $\beta$ -Secretase Activity and $\beta$ -Amyloid Aggregation. <i>Journal of Medicinal Food</i> , <b>2017</b> , 20, 124-130	2.8	9
159	Phenolics composition and antidiabetic property of <i>Brachystegia eurycoma</i> seed flour in high-fat diet, low-dose streptozotocin-induced type 2 diabetes in rats. <i>Asian Pacific Journal of Tropical Disease</i> , <b>2015</b> , 5, S159-S165		9
158	Tiger nut and walnut extracts modulate extracellular metabolism of ATP and adenosine through the NOS/cGMP/PKG signalling pathway in kidney slices. <i>Phytomedicine</i> , <b>2018</b> , 43, 140-149	6.5	9
157	Anticholinesterase activity and phenolic profile of two medicinal plants ( <i>Quassia undulata</i> and <i>Senecio abyssinicus</i> ) used in managing cognitive dysfunction in Nigeria. <i>Journal of Food Biochemistry</i> , <b>2018</b> , 42, e12497	3.3	9
156	Modulatory effect of caffeic acid on cholinesterases inhibitory properties of donepezil. <i>Journal of Complementary and Integrative Medicine</i> , <b>2017</b> , 15,	1.5	9
155	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> , <b>2018</b> , 21, 645-654	3	9

154	Ashanti pepper ( <i>Piper guineense</i> Schumach et Thonn) attenuates carbohydrate hydrolyzing, blood pressure regulating and cholinergic enzymes in experimental type 2 diabetes rat model. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , <b>2017</b> , 28, 19-30	1.6	9
153	Tropical green leafy vegetables prevent garlic-induced hepatotoxicity in the rat. <i>Journal of Medicinal Food</i> , <b>2006</b> , 9, 545-51	2.8	9
152	Effect of and leaf extracts on selected biochemical indices in model of neurotoxicity. <i>Drug and Chemical Toxicology</i> , <b>2020</b> , 1-10	2.3	9
151	Thyme () leaf extract modulates purinergic and cholinergic enzyme activities in the brain homogenate of 5-fluorouracil administered rats. <i>Drug and Chemical Toxicology</i> , <b>2020</b> , 43, 43-50	2.3	9
150	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> , <b>2017</b> , 34, 152-158	5.1	8
149	Polyphenol contents and antioxidants activities of biscuits produced from ginger-enriched pigeon pea/wheat composite flour blends. <i>Journal of Food Biochemistry</i> , <b>2018</b> , 42, e12526	3.3	8
148	Erection-stimulating, anti-diabetic and antioxidant properties of <i>Hunteria umbellata</i> and <i>Cylicodiscus gabunensis</i> water extractable phytochemicals. <i>Journal of Complementary and Integrative Medicine</i> , <b>2017</b> , 15,	1.5	8
147	Modulation of HMG-CoA reductase and glutathione-linked enzymes and protection against pro-oxidant induced oxidative damage in colon (Caco-2) cells and rat colon homogenates by phenolic extracts from Shaddock ( <i>Citrus maxima</i> ) peels. <i>Journal of Applied Biomedicine</i> , <b>2017</b> , 15, 1-8	0.6	8
146	Beetroot supplemented diet exhibit anti-amnesic effect via modulation of cholinesterases, purinergic enzymes, monoamine oxidase and attenuation of redox imbalance in the brain of scopolamine treated male rats. <i>Nutritional Neuroscience</i> , <b>2020</b> , 1-15	3.6	8
145	Aphrodisiac effect of <i>Hunteria umbellata</i> seed extract: Modulation of nitric oxide level and arginase activity in vivo. <i>Pathophysiology</i> , <b>2019</b> , 26, 39-47	1.8	8
144	Hypercholesterolemia, angiotensin converting enzyme and ecto-enzymes of purinergic system: Ameliorative properties of caffeic and chlorogenic acid in hypercholesterolemic rats. <i>Journal of Food Biochemistry</i> , <b>2018</b> , 42, e12604	3.3	7
143	Orange peels modulate antioxidant markers and key enzymes relevant to erection in the penile tissue of paroxetine-treated rats. <i>Andrologia</i> , <b>2019</b> , 51, e13371	2.4	7
142	Dietary inclusion of sorghum ( <i>Sorghum bicolor</i> ) straw dye protects against cisplatin-induced nephrotoxicity and oxidative stress in rats. <i>Pharmaceutical Biology</i> , <b>2014</b> , 52, 829-34	3.8	7
141	Biochemical changes in micro-fungi fermented cassava flour produced from low- and medium-cyanide variety of cassava tubers. <i>Nutrition and Health</i> , <b>2007</b> , 18, 355-67	2.1	7
140	Anti-cholinesterase and antioxidant properties of alkaloid and phenolic-rich extracts from pawpaw ( <i>Carica papaya</i> ) leaf: A comparative study. <i>Flavour and Fragrance Journal</i> , <b>2021</b> , 36, 47-54	2.5	7
139	Phenolic-rich extracts of <i>Eurycoma longifolia</i> and <i>Cylicodiscus gabunensis</i> inhibit enzymes responsible for the development of erectile dysfunction and are antioxidants. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , <b>2018</b> , 29, 689-696	1.6	7
138	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 &amp; Alternative Medicine</i> , <b>2016</b> , 21, 260-70		6
137	Comparative effects of horseradish ( <i>Moringa oleifera</i> ) leaves and seeds on blood pressure and crucial enzymes relevant to hypertension in rat. <i>PharmaNutrition</i> , <b>2019</b> , 9, 100152	2.9	6

136	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> , <b>2019</b> , 43, e12815	3.3	6
135	Phenolic Constituents and Inhibitory Effects of Hibiscus sabdariffa L. (Sorrel) Calyx on Cholinergic, Monoaminergic, and Purinergic Enzyme Activities. <i>Journal of Dietary Supplements</i> , <b>2018</b> , 15, 910-922	2.3	6
134	Modulation of cholinergic, monoaminergic, and purinergic enzymes of the brain functions by bitter ( <i>Vernonia amygdalina</i> ) and water bitter ( <i>Struchium sparganophora</i> ) leaves extracts: comparison of phenolic constituents versus nootropic potentials. <i>Comparative Clinical Pathology</i> , <b>2017</b> , 26, 1267-1272	0.9	6
133	Methanol extracts of <i>Brachystegia eurycoma</i> and <i>Detarium microcarpum</i> seeds flours inhibit some key enzymes linked to the pathology and complications of type 2 diabetes in vitro. <i>Food Science and Human Wellness</i> , <b>2015</b> , 4, 162-168	8.3	6
132	Inhibition of -amylase and -glucosidase activities by ethanolic extract of <i>Amaranthus cruentus</i> leaf as affected by blanching. <i>African Journal of Pharmacy and Pharmacology</i> , <b>2013</b> , 7, 1026-1032	0.5	6
131	<i>Solanum</i> 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> , <b>2020</b> , 31,	1.6	6
130	Effect of some Tropical Eggplant Fruits ( <i>Solanum</i> Spp) Supplemented Diet On Diabetic Neuropathy In Experimental male Wistar Rats In-vivo. <i>Functional Foods in Health and Disease</i> , <b>2016</b> , 6, 661	2.5	6
129	Phenolics composition, antioxidant and pasting properties of high-quality cassava flour substituted with <i>Brachystegia eurycoma</i> seed flour. <i>Annals of the University Dunarea De Jos of Galati, Fascicle VI: Food Technology</i> , <b>2019</b> , 43, 9-23	0.9	6
128	Shaddock () peels extract restores cognitive function, cholinergic and purinergic enzyme systems in scopolamine-induced amnesic rats. <i>Drug and Chemical Toxicology</i> , <b>2020</b> , 1-8	2.3	6
127	<i>Solanum</i> vegetable-based diets improve impairments in memory, redox imbalance, and altered critical enzyme activities in <i>Drosophila melanogaster</i> model of neurodegeneration. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13150	3.3	6
126	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> , <b>2017</b> , 15,	1.5	6
125	Effect of cooking on glycemic index, antioxidant activities, αamylase, and βglucosidase inhibitory properties of two rice varieties. <i>Food Science and Nutrition</i> , <b>2018</b> , 6, 2301-2307	3.2	6
124	Effect of combinations of caffeine and caffeic acid on key enzymes linked to hypertension (in vitro). <i>Oriental Pharmacy and Experimental Medicine</i> , <b>2018</b> , 18, 247-255	2	6
123	Inhibitory Potential of Cocoa Leaves Polyphenolics-Rich Extract on Xanthine Oxidase and Angiotensin 1-Converting Enzyme. <i>Journal of Biologically Active Products From Nature</i> , <b>2017</b> , 7, 39-51	0.7	5
122	HPLC phenolic fingerprinting, antioxidant and anti-phosphodiesterase-5 properties of <i>Rauwolfia vomitoria</i> extract. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , <b>2019</b> , 30,	1.6	5
121	Eggplant ( <i>Solanum</i> spp) supplemented fruits diet modulated the activities of ectonucleoside triphosphate diphosphohydrolase (ENTPdase), monoamine oxidase (MAO), and cholinesterases (AChE/BChE) in the brain of diabetic Wistar male rats. <i>Journal of Food Biochemistry</i> , <b>2019</b> , 43, e12910	3.3	5
120	Phenolic distribution, antioxidant activity, and enzyme inhibitory properties of eggplant ( <i>Solanum aethiopicum</i> ) cultivated in two different locations within Nigeria. <i>Journal of Food Biochemistry</i> , <b>2019</b> , 43, e12797	3.3	5
119	Nephritic cell damage and antioxidant status in rats exposed to leachate from battery recycling industry. <i>Interdisciplinary Toxicology</i> , <b>2016</b> , 9, 1-11	2.3	5

118	Modulatory effect of eugenol on arginase, nucleotidase, and adenosine deaminase activities of platelets in a carrageenan-induced arthritis rat model: A possible anti-arthritic mechanism of eugenol. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 106, 1616-1623	7.5	5
117	Glycemic Response in Diabetic Subjects to Biscuits Produced from Blends of Pigeon Pea and Wheat Flour. <i>Plant Foods for Human Nutrition</i> , <b>2019</b> , 74, 553-559	3.9	5
116	Modulation of dopamine metabolizing enzymes and antioxidant status by Lin in rotenone-intoxicated rat brain. <i>Toxicology Reports</i> , <b>2019</b> , 6, 795-802	4.8	5
115	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> , <b>2019</b> , 71, 1565-1575	4.8	5
114	Effect of pineapple, orange and watermelon juices on phosphodiesterase, monoamine oxidase and angiotensin-I converting enzyme activities in rat heart and brain homogenates. <i>Oriental Pharmacy and Experimental Medicine</i> , <b>2017</b> , 17, 269-276	2	5
113	Sub-chronic exposure to EOMABRS leachate induces germinal epithelial cell lesions, sperm abnormalities and oxidative damage in rats. <i>Asian Pacific Journal of Reproduction</i> , <b>2015</b> , 4, 288-297	1.1	5
112	Effects of hot water treatment on the radicals scavenging, lipid peroxidation, and $\alpha$ -amylase and $\alpha$ -glucosidase inhibitory abilities of <i>Crassocephalum crepidioides</i> leaves. <i>Nutrafoods</i> , <b>2015</b> , 14, 217-225		5
111	Caffeic and chlorogenic acids modulate altered activity of key enzymes linked to hypertension in cyclosporine-induced hypertensive rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , <b>2020</b> , 32, 169-177	1.6	5
110	Blood glucose lowering, glycaemic index, carbohydrate-hydrolysing enzyme inhibitory activities of potential functional food from plantain, soy-cake, rice-bran and oat-bran flour blends. <i>Journal of Food Measurement and Characterization</i> , <b>2021</b> , 15, 3761-3769	2.8	5
109	Almond-supplemented diet improves sexual functions beyond Phosphodiesterase-5 inhibition in diabetic male rats. <i>Heliyon</i> , <b>2019</b> , 5, e03035	3.6	5
108	Modulatory effects of stonebreaker () and bitter gourd () on enzymes linked with cardiac function in heart tissue of doxorubicin-stressed rats. <i>Drug and Chemical Toxicology</i> , <b>2019</b> , 1-9	2.3	5
107	Dietary supplementation with Ethiopian pepper ( <i>Xylopiya aethiopyca</i> ) modulates angiotensin-I converting enzyme activity, antioxidant status and extenuates hypercholesterolemia in high cholesterol fed Wistar rats. <i>PharmaNutrition</i> , <b>2018</b> , 6, 9-16	2.9	5
106	Pasting alters glycemic index, antioxidant activities, and starch-hydrolyzing enzyme inhibitory properties of whole wheat flour. <i>Food Science and Nutrition</i> , <b>2018</b> , 6, 1591-1600	3.2	5
105	In vitro inhibitory effects of mistletoes ( <i>Loranthus begwensis</i> L.) phenolic-rich extracts on $\alpha$ -amylase, $\alpha$ -glucosidase, and angiotensin converting enzyme activities. <i>Journal of Food Biochemistry</i> , <b>2018</b> , 42, e12504	3.3	4
104	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> , <b>2017</b> , 12, 5-11	2.2	4
103	Effects of water extractable phytochemicals of mahogany ( <i>Swietenia macrophylla</i> ) and axlewood ( <i>Anogeissus leiocarpus</i> ) stem bark on some enzymes implicated in erectile dysfunction and type-2 diabetes. <i>Journal of Food Biochemistry</i> , <b>2017</b> , 41, e12430	3.3	4
102	Water Extractable Phytochemicals from Peppers ( <i>Capsicum</i> spp.) Inhibit Acetylcholinesterase and Butyrylcholinesterase Activities and Prooxidants Induced Lipid Peroxidation in Rat Brain In Vitro. <i>International Journal of Food Science</i> , <b>2014</b> , 2014, 605618	3.4	4
101	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 In Vitro. <i>ISRN Pharmacology</i> , <b>2013</b> , 2013, 130989		4



100	Effect of fungi fermentation on organoleptic properties, energy content and in-vitro multienzyme digestibility of cassava products (flour & gari). <i>Nutrition and Health</i> , <b>2003</b> , 17, 131-8	2.1	4
99	Inhibitory Effect of Aqueous Extract of Moringa oleifera and Newbouldia laevis Leaves on Ferrous Sulphate and Sodium Nitroprusside Induced Oxidative Stress in Rat Testes in Vitro. <i>Open Journal of Medicinal Chemistry</i> , <b>2012</b> , 02, 119-128	0.1	4
98	The Neuroprotective Potentials of Sour (Hibiscus sabdariffa, Calyx) and Green (Camellia sinensis) Teas on Some Pro-Oxidants Induced Oxidative Stress in Brain. <i>Asian Journal of Clinical Nutrition</i> , <b>2008</b> , 1, 40-49	0	4
97	Horseradish (Moringa oleifera) seed and leaf inclusive diets modulates activities of enzymes linked with hypertension, and lipid metabolites in high-fat fed rats. <i>PharmaNutrition</i> , <b>2019</b> , 7, 100141	2.9	4
96	Extracts from Almond (Terminalia catappa) leaf and stem bark mitigate the activities of crucial enzymes and oxidative stress associated with hypertension in cyclosporine A-stressed rats. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13435	3.3	4
95	Comparative study of the phenolic profile, antioxidant properties, and inhibitory effects of Moringa (Moringa oleifera Lam.) and Almond (Terminalia catappa Linn.) leaves on acetylcholinesterase and monoamine oxidase activities in the head region of Fruitfly (Drosophila melanogaster Meigen) in vitro. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13404	3.3	4
94	Dietary supplementation of jute leaf (Corchorus olitorius) 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> , <b>2019</b> , 43, e12949	3.3	3
93	The food and medicinal values of indigenous leafy vegetables. <i>Acta Horticulturae</i> , <b>2019</b> , 137-156	0.3	3
92	Alkaloid extracts from Bitter leaf (Vernonia amygdalina) and Black nightshade (Solanum nigrum) inhibit phosphodiesterase-5, arginase activities and oxidative stress in rats penile tissue. <i>Journal of Food Biochemistry</i> , <b>2019</b> , 43, e12889	3.3	3
91	Toxicological evaluations of aqueous extracts of two Nigerian ethnobotanicals (Tetrapleura tetraptera and Quassia undulata) of neurological importance in rats. <i>Comparative Clinical Pathology</i> , <b>2018</b> , 27, 441-448	0.9	3
90	Effects of drying on cholinesterases and angiotensin-I converting enzyme inhibitory potential and phenolic constituents of African mistletoe (Loranthus bengwensis L) leaves from kolanut host tree. <i>Journal of Food Biochemistry</i> , <b>2018</b> , 42, e12510	3.3	3
89	Effect of fermented legume seeds on some key enzymes relevant to erectile dysfunction in vitro. <i>Journal of Food Biochemistry</i> , <b>2018</b> , 42, e12437	3.3	3
88	Inhibitory effect of aqueous extract of different parts of Gossypium herbaceum on key enzymes linked with type 2 diabetes and oxidative stress in rat pancreas in vitro. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , <b>2016</b> , 5, 180-186	2.2	3
87	Comparative study on the interaction of eugenol, Butylated hydroxyanisole, and Butylated hydroxyl toluene with some crucial enzymes linked to erectile dysfunction. <i>Comparative Clinical Pathology</i> , <b>2018</b> , 27, 1699-1706	0.9	3
86	Distribution and Antioxidant Activity of Polyphenols in Boiled Unripe Plantain (Musa Paradisiaca) Pulps. <i>Journal of Food Biochemistry</i> , <b>2014</b> , 38, 293-299	3.3	3
85	Effect of mango kernel flour addition on the phenolics profile, antioxidant activity and pasting properties of wheat flour. <i>Journal of Food Measurement and Characterization</i> , <b>2017</b> , 11, 2202-2210	2.8	3
84	Local salt substitutes "Obu-otoyo" activate acetylcholinesterase and butyrylcholinesterase and induce lipid peroxidation in rat brain. <i>Interdisciplinary Toxicology</i> , <b>2015</b> , 8, 139-45	2.3	3
83	Antioxidant properties and inhibitory effect of ethanolic extract of Struchium sparganophora (Ewuro Odo) leaf on α-amylase and α-glucosidase activities. <i>Tropical Journal of Obstetrics and Gynaecology</i> , <b>2012</b> , 9, 342-9	0.3	3

82	Coagulants Modulate the Antioxidant Properties and Hypocholesterolemic Effect of Tofu (Curdled Soy milk). <i>Asian Journal of Biochemistry</i> , <b>2005</b> , 1, 57-66	0.1	3
81	Protective effect of phenolic extracts from two species of miracle berry leaves ( <i>Thaumatococcus daniellii</i> and <i>Megaphrynium macrostachyum</i> ) on some pro-oxidant induced oxidative stress in rat pancreas in vitro.. <i>Journal of Applied Pharmaceutical Science</i> , 118-124	2	3
80	Purple onion in combination with garlic exerts better ameliorative effects on selected biomarkers in high-sucrose diet-fed fruit fly ( <i>Drosophila melanogaster</i> ). <i>Comparative Clinical Pathology</i> , <b>2020</b> , 29, 713-720	0.9	3
79	Sensory attributes, nutritional qualities, and glycemic indices of bread blends produced from cocoa powder flavored yellow-fleshed cassava-wheat composite flours. <i>Journal of Food Processing and Preservation</i> , <b>2020</b> , 44, e14673	2.1	3
78	Effects of berberine on cholinesterases and monoamine oxidase activities, and antioxidant status in the brain of streptozotocin (STZ)-induced diabetic rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , <b>2021</b> ,	1.6	3
77	Dietary inclusions of Solanum vegetables mitigate aluminum-induced redox and inflammation-related neurotoxicity in model. <i>Nutritional Neuroscience</i> , <b>2021</b> , 1-15	3.6	3
76	Nutritional content of selected species of tropical eggplant fruit () diet Attenuates hepatic inflammation in high-fat fed male Wistar rats induced with streptozotocin. <i>Food Science and Nutrition</i> , <b>2019</b> , 7, 109-119	3.2	3
75	Phytochemicals and Hormonal Effects <b>2019</b> , 550-560		3
74	Effect of dietary inclusion of almond fruit on sexual behavior, arginase activity, pro-inflammatory, and oxidative stress markers in diabetic male rats. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13269	3.3	3
73	Antioxidant properties of eugenol, butylated hydroxyanisole, and butylated hydroxyl toluene with key biomolecules relevant to Alzheimer's diseases-In vitro. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13276 <sup>3</sup>	3.3	3
72	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> , <b>2021</b> , 45, e13318	3.3	3
71	Effect of diet supplemented with <i>P. ostreatus</i> and <i>L. subnudus</i> on memory index and key enzymes linked with Alzheimer's disease in streptozotocin-induced diabetes rats. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13355	3.3	3
70	Hypoglycemic effect of biscuits produced from flour blends of three medicinal foods on high-fat diet-streptozotocin-induced diabetic rats. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13334	3.3	3
69	Effect of sieving on nutritional value, glycemic index, and carbohydrate digestive enzymes activity of gruel made from maize and sorghum. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13339	3.3	3
68	Effects of caffeine and caffeic acid on selected biochemical parameters in L-NAME-induced hypertensive rats. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13384	3.3	3
67	β-caryophyllene improves sexual performance via modulation of crucial enzymes relevant to erectile dysfunction in rats. <i>Toxicological Research</i> , <b>2021</b> , 37, 249-260	3.7	3
66	Toxicological evaluation of aqueous extract of different varieties of guava ( <i>Psidium guajava</i> Linn) leaves. <i>Comparative Clinical Pathology</i> , <b>2019</b> , 28, 1689-1697	0.9	2
65	Inhibition of carbohydrate hydrolyzing enzymes associated with type 2 diabetes and antioxidative properties of some edible seeds in vitro. <i>International Journal of Diabetes in Developing Countries</i> , <b>2015</b> , 35, 516-521	0.8	2

64	Effect of Different Processing Methods on Antihypertensive Property and Antioxidant Activity of Sandpaper Leaf ( <i>Ficus exasperata</i> ) Extracts. <i>Journal of Dietary Supplements</i> , <b>2018</b> , 15, 871-883	2.3	2
63	Toxicological Effects of Aqueous Extract From African Walnut ( <i>Tetracarpidium conophorum</i> ) Leaves in Rats. <i>Journal of Evidence-Based Complementary &amp; Alternative Medicine</i> , <b>2017</b> , 22, 919-925		2
62	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> , <b>2014</b> , 2014, 534082	1.7	2
61	Dietary inclusion of local salt substitutes induces oxidative stress and renal dysfunction in rats. <i>Reviews on Environmental Health</i> , <b>2014</b> , 29, 355-61	3.8	2
60	Effect of dietary inclusion of salt substitutes "Obu-Otoyo" on some biochemical indices in rat. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 2873-7	4.7	2
59	Coagulants modulate the antioxidant properties & hypocholesterolemic effect of tofu (curdled soymilk). <i>Nutrition and Health</i> , <b>2007</b> , 18, 369-81	2.1	2
58	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> , <b>2022</b> , 1	3.9	2
57	Isozyme Fingerprinting and Genetic Differentiation of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> Isolates as Revealed by Glucose 6-phosphate Dehydrogenase (G6PDH) Analysis. <i>Biotechnology</i> , <b>2007</b> , 6, 357-363	0.1	2
56	Berberine modulates crucial erectogenic biomolecules and alters histological architecture in penile tissues of diabetic rats. <i>Andrologia</i> , <b>2021</b> , 53, e14074	2.4	2
55	Anticholinesterase activity and antioxidant properties of <i>Heinsia crinita</i> and <i>Pterocarpus soyauxii</i> in <i>Drosophila melanogaster</i> model. <i>Journal of Ayurveda and Integrative Medicine</i> , <b>2021</b> , 12, 254-260	3.3	2
54	Orange peel flavored unripe plantain noodles with low glycemic index improved antioxidant status and reduced blood glucose levels in diabetic rats. <i>Journal of Food Measurement and Characterization</i> , <b>2021</b> , 15, 3742-3751	2.8	2
53	<i>Tetracarpidium conophorum</i> Ml. Arg modulates sexual behaviour and biochemical parameters relevant to sexual function in male Wistar rats. <i>Pathophysiology</i> , <b>2019</b> , 26, 61-68	1.8	2
52	Relieving the tension in hypertension: Food-drug interactions and anti-hypertensive mechanisms of food bioactive compounds. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13317	3.3	2
51	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> , <b>2021</b> , 45, e13298	3.3	2
50	Editan ( <i>Lasianthera africana</i> ) leaf-inclusive diets modulate some neuronal enzyme activities and antioxidant status of cyclophosphamide-treated Wistar rats. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13427	3.3	2
49	Effect of citrus peels-supplemented diet on longevity, memory index, redox status, cholinergic and monoaminergic enzymes in <i>Drosophila melanogaster</i> model. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13616	3.3	2
48	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> , <b>2021</b> , 2, 77-90	4.2	2
47	Blood glucose lowering and effect of oyster ( <i>Pleurotus ostreatus</i> )- and shiitake ( <i>Lentinus subnudus</i> )-supplemented diet on key enzymes linked diabetes and hypertension in streptozotocin-induced diabetic in rats. <i>Food Frontiers</i> ,	4.2	2

46	Hunteria umbellata seed extract administration modulates activities of phosphodiesterase-5 and purinergic enzymes relevant to erection in normal male rats. <i>Oriental Pharmacy and Experimental Medicine</i> , <b>2019</b> , 19, 167-175	2	1
45	and supplemented diets restore altered acetylcholinesterase and butyrylcholinesterase activities and improve antioxidant status in transgenic model. <i>Journal of Dietary Supplements</i> , <b>2021</b> , 18, 372-386	2.3	1
44	Modulatory effect of some citrus (Citrus limon, Citrus reticulata, Citrus maxima) peels on monoamine oxidase, phosphodiesterase-5 and angiotensin-1 converting enzyme activities in rat heart homogenate. <i>Journal of Complementary and Integrative Medicine</i> , <b>2018</b> , 16,	1.5	1
43	Coagulant modulates the hypocholesterolemic effect of tofu (coagulated soymilk). <i>Journal of Medicinal Food</i> , <b>2007</b> , 10, 388-91	2.8	1
42	Influence of lemon (Citrus limon) and lime (Citrus aurantifolia) juices on the erectogenic properties of sildenafil in rats with L-NAME-induced erectile dysfunction.. <i>Journal of Food Biochemistry</i> , <b>2022</b> , e140743	2.3	1
41	Effect of Andrographis paniculata leaves extract on neurobehavioral and biochemical indices in scopolamine-induced amnesic rats. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13280	3.3	1
40	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> , <b>2020</b> , 32, 987-994	1.6	1
39	L. and M. Arg. Supplemented Diet Improved Testosterone Levels, Modulated Ectonucleotidases and Adenosine Deaminase Activities in Platelets from L-NAME-Stressed Rats. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	1
38	Dietary monosodium glutamate altered redox status and dopamine metabolism in lobster cockroach (Nauphoeta cinerea). <i>Journal of Food Biochemistry</i> , <b>2020</b> , 44, e13451	3.3	1
37	In vitro antioxidants and haematological and nephroprotective effects of biscuits produced from three medicinal flour blends fed to high-fat diet/streptozotocin (STZ)-induced diabetic rats. <i>Comparative Clinical Pathology</i> , <b>2020</b> , 29, 1137-1145	0.9	1
36	Antioxidant activities and glycemic indices of ice creams enriched with orange (Citrus sinensis) and shaddock (Citrus maxima) peels and effects on rat lipid profiles. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13813	3.3	1
35	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> , <b>2021</b> ,	1.6	1
34	Influence of eugenol on oxidative stress biomarkers in the liver of carrageenan-induced arthritis rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , <b>2018</b> , 30, 185-193	1.6	1
33	Citrus spp. essential oils improve behavioral pattern, repressed cholinesterases and monoamine oxidase activities, and production of reactive species in fruit fly (Drosophila melanogaster) model of Alzheimer's Disease. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13558	3.3	1
32	Comparative effects of berberine and piperine on the neuroprotective potential of neostigmine. <i>Journal of Complementary and Integrative Medicine</i> , <b>2021</b> , 18, 491-497	1.5	1
31	Modulatory effect of pigeon pea-wheat biscuits on lipid profile, lipid peroxidation level, $\beta$ -glucosidase, and butyrylcholinesterase activities in type-2 diabetic patients. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13658	3.3	1
30	Berberine mitigates diabetes-induced erectile dysfunction in rats through modulation of antioxidant status and critical enzyme activity. <i>Comparative Clinical Pathology</i> , <b>2021</b> , 30, 181-189	0.9	1
29	Ficus plants in the Co-management of Hypertension and Erectile dysfunction. <i>Phytomedicine Plus</i> , <b>2021</b> , 1, 100096		1

28	Sphenocentrum jollyanum root and leaf extracts enhanced wound closure by improving the glycemic state of diabetic rats induced by high-fat diet/streptozotocin. <i>Comparative Clinical Pathology</i> ,1	0.9	1
27	Food bioactives: the food image behind the curtain of health promotion and prevention against several degenerative diseases. <i>Studies in Natural Products Chemistry</i> , <b>2022</b> , 391-421	1.5	1
26	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> , <b>2022</b> , e14100	3.3	0
25	Influence of Moringa () enriched ice creams on rats' brain: Exploring the redox and cholinergic systems.. <i>Current Research in Food Science</i> , <b>2022</b> , 5, 366-373	5.6	0
24	GC characterization and erectogenic enzyme inhibitory effect of essential oils from tangerine and lemon peels: A comparative study. <i>Flavour and Fragrance Journal</i> , <b>2022</b> , 37, 33	2.5	0
23	Fig leaves varieties reduce blood pressure in hypertensive rats through modulation of antioxidant status and activities of arginase and angiotensin-1 converting enzyme. <i>Comparative Clinical Pathology</i> , <b>2021</b> , 30, 503-513	0.9	0
22	Effects of processing on starch composition, glycemic indices, phenolic profile, and possible antidiabetic properties of cassava ( <i>Manihot esculenta</i> ) flours. <i>Journal of Food Processing and Preservation</i> , <b>2021</b> , 45, e15586	2.1	0
21	Neuromodulatory evaluation of commonly abused plants ex vivo: a comparative study. <i>Comparative Clinical Pathology</i> , <b>2021</b> , 30, 671-680	0.9	0
20	Effect of biscuits formulated from acha-sandpaper leaf composite flour on fasting blood glucose, blood pressure, and activities of key enzymes linked to diabetes and hypertension in streptozotocin/l-NAME-induced hypertensive-diabetic rats. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13843	3.3	0
19	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> , <b>2018</b> , 42, e12472	3.3	0
18	Effect of oral berberine administration on the renal profiles of adenosine deaminase, arginase, and nitric oxide in streptozotocin-induced diabetic nephropathy of rats. <i>Comparative Clinical Pathology</i> , <b>2022</b> , 31, 255-263	0.9	0
17	Nutritional, antioxidant, carbohydrate hydrolyzing enzyme inhibitory activities, and glyceamic index of wheat bread as influence by bambara groundnut substitution. <i>SN Applied Sciences</i> , <b>2022</b> , 4, 1	1.8	0
16	Effect of aqueous extract from root and leaf of <i>Sphenocentrum jollyanum</i> pierre on wounds of diabetic rats: Influence on wound tissue cytokines, vascular endothelial growth factor and microbes.. <i>Journal of Ethnopharmacology</i> , <b>2022</b> , 115266	5	0
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14	<i>Parquetina nigrescens</i> and <i>Spondias mombin</i> protects against neurochemical alterations in the scopolamine model of cognitive dysfunction.. <i>Journal of Food Biochemistry</i> , <b>2022</b> , e14213	3.3	0
13	<i>Persea americana</i> seed extract restores defective sperm quality and biochemical parameters relevant to reproduction in male wistar rats treated with cyclosporine A.. <i>Journal of Food Biochemistry</i> , <b>2022</b> , e14220	3.3	0
12	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> , <b>2020</b> , 44, e14959	2.1	
11	Influence of <i>Moringa (Moringa oleifera)</i> leaf extracts on the antioxidant and angiotensin-1 converting enzyme inhibitory properties of lisinopril. <i>Oriental Pharmacy and Experimental Medicine</i> , <b>2018</b> , 18, 317-324	2	

10	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> , <b>2022</b> , 31, 97-107	0.9
9	Fig ( <i>Ficus exasperata</i> and <i>Ficus asperifolia</i> )-Supplemented diet improves sexual function, endothelial nitric oxide synthase and suppresses tumour necrosis factor-alpha genes in hypertensive rats. <i>Andrologia</i> , <b>2021</b> , e14289	2.4
8	High cholesterol diet promotes dysfunction of arginase and cholinergic enzymatic system in rats: ameliorative role of caffeic and chlorogenic acids. <i>Journal of Complementary and Integrative Medicine</i> , <b>2020</b> , 18, 67-74	1.5
7	Assessment of sexual behavior and neuromodulation of <i>Cyperus esculentus</i> L. and <i>Tetracarpidium conophorum</i> Mill. Arg dietary supplementation regulating the purinergic system in the cerebral cortex of L-NAME-challenged rats. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13862	3.3
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5	Effect of selenium biofortification on phenolic content and antioxidant properties of Jute leaf ( <i>Corchorus olitorius</i> ). <i>Vegetos</i> , 1	1.2
4	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> , <b>2022</b> , 1-11	2.3
3	Functional cereals' anti-diabetic property, phenolic composition, and role on glycemic indices in-vitro.. <i>Journal of Food Biochemistry</i> , <b>2022</b> , e14150	3.3
2	Grapefruit peel extract mitigates paroxetine-induced erectile dysfunction in rats through stimulation of erectile response, antioxidant status, and inhibition of key enzymes related with impaired penile erection.. <i>Journal of Food Biochemistry</i> , <b>2022</b> , e14193	3.3
1	Neuroprotective properties of <i>Solanum</i> leaves in Transgenic <i>Drosophila melanogaster</i> model of Alzheimer's disease.. <i>Biomarkers</i> , <b>2022</b> , 1-56	2.6