

Chinedum Eleazu

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,240
citations

430442

18
h-index

414034

32
g-index

65
all docs

65
docs citations

65
times ranked

1688
citing authors

#	ARTICLE	IF	CITATIONS
1	Bee bread attenuates high fat diet induced renal pathology in obese rats via modulation of oxidative stress, downregulation of NF- κ B mediated inflammation and Bax signalling. Archives of Physiology and Biochemistry, 2022, 128, 1088-1104.	1.0	24
2	Cocoyam (<i>Colocasia esculenta</i>) modulates some parameters of testosterone propionate-induced rat model of benign prostatic hyperplasia. Drug and Chemical Toxicology, 2022, 45, 1923-1933.	1.2	7
3	Phytochemical screening and evaluation of the anti-diarrhoea properties of <i>Diodia sarmentosa</i> leaves in castor oil-induced diarrhoea in albino rats. Nutrition and Food Science, 2022, 52, 255-269.	0.4	0
4	Ischemic Heart Disease in Nigeria: Exploring the Challenges, Current Status, and Impact of Lifestyle Interventions on Its Primary Healthcare System. International Journal of Environmental Research and Public Health, 2022, 19, 211.	1.2	2
5	Effect of bee bread on some biochemical parameters and skeletal muscle histology of high-fat diet-induced obese Sprague-Dawley rats. Journal of Food Biochemistry, 2021, 45, e13626.	1.2	4
6	Tert-butylhydroquinone attenuates doxorubicin-induced dysregulation of testicular cytoprotective and steroidogenic genes, and improves spermatogenesis in rats. Scientific Reports, 2021, 11, 5522.	1.6	16
7	Association of traditional complementary and alternate medicine usage with quality of life of diabetic patients in a Malaysian tertiary hospital. Nutrition and Food Science, 2021, ahead-of-print, .	0.4	0
8	Bee bread mitigates downregulation of steroidogenic genes, decreased spermatogenesis, and epididymal oxidative stress in male rats fed with high-fat diet. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E351-E366.	1.8	3
9	Nutrient and Antinutrient Composition and Heavy Metal and Phenolic Profiles of Maize (<i>Zea mays</i>) cv. Tj ETQq1 1 0.784314 rgBT /Overlock 113-123.	1.3	10
10	Zinc abrogates anticancer drug tamoxifen-induced hepatotoxicity by suppressing redox imbalance, NO/iNOS/NF- κ B signaling, and caspase-3-dependent apoptosis in female rats. Toxicology Mechanisms and Methods, 2020, 30, 115-123.	1.3	21
11	Protective effects of bee bread on testicular oxidative stress, NF- κ B-mediated inflammation, apoptosis and lactate transport decline in obese male rats. Biomedicine and Pharmacotherapy, 2020, 131, 110781.	2.5	20
12	ACUTE AND SUB-ACUTE TOXICITY STUDIES ON <i>Combretum dolichopetalum</i> ENGL. & DIELS LEAVES. Slovenian Veterinary Research, 2020, 57, .	0.0	5
13	CHEMICAL COMPOSITION OF TUALANG HONEY AND ITS EFFECT ON THE LUNG SURFACTANTS AND HISTOLOGY OF MALE RATS EXPOSED TO CIGARETTE SMOKE. Slovenian Veterinary Research, 2020, 57, .	0.0	0
14	Targeting Advanced Glycation End Products (esRAGE and sRAGE) for Obesity, Diabetes, and its Associated Complications. , 2020, , 191-197.		1
15	Obesity and Comorbidity: Could Simultaneous Targeting of esRAGE and sRAGE Be the Panacea?. Frontiers in Physiology, 2019, 10, 787.	1.3	19
16	Oxidative Stress, NF- κ B-Mediated Inflammation and Apoptosis in the Testes of Streptozotocin-Induced Diabetic Rats: Combined Protective Effects of Malaysian Propolis and Metformin. Antioxidants, 2019, 8, 465.	2.2	91
17	Antioxidant potential of garlic oil supplementation prevents cyclophosphamide-induced oxidative testicular damage and endocrine depletion in rats. Journal of Nutrition & Intermediary Metabolism, 2019, 18, 100109.	1.7	20
18	Comparative study on the nutrients, heavy metals and pesticide composition of some locally produced and marketed rice varieties in Nigeria. Food Chemistry, 2019, 278, 617-624.	4.2	17

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19	Modulation of the Lipid Profile, Hepatic and Renal Antioxidant Activities, and Markers of Hepatic and Renal Dysfunctions in Alloxan-Induced Diabetic Rats by Virgin Coconut Oil. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 1032-1040.	0.6	4
20	Effect of processing on the biochemical contents of <i>Acanthus montanus</i> (Nees) T. Anderson (Acanthaceae) leaves. <i>Food Science and Nutrition</i> , 2018, 6, 388-394.	1.5	1
21	Starch digestibility, polyphenol contents and in vitro alpha amylase inhibitory properties of two varieties of cocoyam (<i>Colocassia esculenta</i> and <i>Xanthosoma mafafa</i>) as affected by cooking. <i>Journal of Food Measurement and Characterization</i> , 2018, 12, 1047-1053.	1.6	8
22	Effect of ethanol extract of boiled breadfruit (<i>Treculia Africana</i>) seed on the oral glucose tolerance, lipid profile, and body weight of normoglycemic albino rats. <i>Food Science and Nutrition</i> , 2018, 6, 904-911.	1.5	5
23	Free fatty acid receptor 1 as a novel therapeutic target for type 2 diabetes mellitus-current status. <i>Chemico-Biological Interactions</i> , 2018, 289, 32-39.	1.7	17
24	Effect of domestic cooking on the starch digestibility, predicted glycemic indices, polyphenol contents and alpha amylase inhibitory properties of beans (<i>Phaseolis vulgaris</i>) and breadfruit (<i>Treculia africana</i>). <i>International Journal of Biological Macromolecules</i> , 2018, 106, 200-206.	3.6	45
25	Ameliorative Potentials of Methanol Fractions of <i>Cnidioscolus aconitifolius</i> on Some Hematological and Biochemical Parameters in Streptozotocin Diabetic Rats. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2018, 18, 637-645.	0.6	9
26	The role of dietary polyphenols in the management of erectile dysfunction—Mechanisms of action. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 644-652.	2.5	23
27	Starch digestibility and predicted glycemic indices of raw and processed forms of hausa potato (<i>Solenostemon rotundifolius</i> pair). <i>Journal of Food Biochemistry</i> , 2017, 41, e12355.	1.2	7
28	Modulation of the lipid profile and insulin levels of streptozotocin induced diabetic rats by ethanol extract of <i>Cnidioscolus aconitifolius</i> leaves and some fractions: Effect on the oral glucose tolerance of normoglycemic rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 562-569.	2.5	33
29	Management of Benign Prostatic Hyperplasia: Could Dietary Polyphenols Be an Alternative to Existing Therapies?. <i>Frontiers in Pharmacology</i> , 2017, 8, 234.	1.6	31
30	Starch Hydrolysis, Polyphenol Contents, and In Vitro Alpha Amylase Inhibitory Properties of Some Nigerian Foods As Affected by Cooking. <i>Frontiers in Nutrition</i> , 2017, 4, 60.	1.6	4
31	Dietary intake of boiled breadfruit (<i>Treculia africana</i>) seeds did not improve hyperglycemia in streptozotocin induced diabetic rats: Effect on the oral glucose tolerance of normoglycemic rats. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2017, 16, 93-99.	0.2	6
32	Dietary intake of boiled breadfruit (<i>Treculia africana</i>) seeds did not improve hyperglycemia in streptozotocin induced diabetic rats: Effect on the oral glucose tolerance of normoglycemic rats [pdf]. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2017, 16, 93-99.	0.2	2
33	The concept of low glycemic index and glycemic load foods as panacea for type 2 diabetes mellitus; prospects, challenges and solutions. <i>African Health Sciences</i> , 2016, 16, 468.	0.3	78
34	Effect of fractions of kolaviron on some indices of benign prostatic hyperplasia in rats: identification of the constituents of the bioactive fraction using GC-MS. <i>RSC Advances</i> , 2016, 6, 94352-94360.	1.7	8
35	In vitro starch digestibility, α -amylase and α -glucosidase inhibitory capacities of raw and processed forms of three varieties of Livingstone potato (<i>Plectranthus esculentus</i>). <i>Innovative Food Science and Emerging Technologies</i> , 2016, 37, 37-43.	2.7	31
36	Effect of kolaviron, a biflavanoid complex from <i>Garcinia kola</i> on some biochemical parameters in experimentally induced benign prostatic hyperplastic rats. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 1436-1443.	2.5	29

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37	Characterization of the natural products in cocoyam (<i>Colocasia esculenta</i>) using GC-MS. <i>Pharmaceutical Biology</i> , 2016, 54, 2880-2885.	1.3	33
38	Effect of cocoyam (<i>Colocasia esculenta</i>), unripe plantain (<i>Musa paradisiaca</i>) or their combination on glycated hemoglobin, lipogenic enzymes, and lipid metabolism of streptozotocin-induced diabetic rats. <i>Pharmaceutical Biology</i> , 2016, 54, 91-97.	1.3	14
39	Quality evaluation of commercially sold table water samples in Michael Okpara University of Agriculture, Umudike, Nigeria and surrounding environments. <i>Toxicology Reports</i> , 2015, 2, 904-907.	1.6	4
40	Use of unripe plantain (<i>Musa paradisiaca</i>) in the management of diabetes and hepatic dysfunction in streptozotocin induced diabetes in rats. <i>Interventional Medicine & Applied Science</i> , 2015, 7, 9-16.	0.2	18
41	Nutrient Composition, Antioxidant Capacity and Natural Products in Livingstone Potato (<i>Plectranthus esculentus</i>). <i>Journal of Food Processing and Preservation</i> , 2015, 39, 3050-3058.	0.9	8
42	Polyphenolic Composition and Antioxidant Activities of 6 New Turmeric (<i>Curcuma Longa</i> L.) Accessions. <i>Recent Patents on Food, Nutrition & Agriculture</i> , 2015, 7, 22-27.	0.5	12
43	Bioactive constituents and antioxidant activities of raw and processed cocoyam (<i>Colocasia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 10	0.5	10
44	The Metabolic Effects of Consumption of Yellow Cassava (<i>Manihot esculenta</i> Crantz) on Some Biochemical Parameters in Experimental Rats. <i>International Journal of Toxicology</i> , 2015, 34, 559-564.	0.6	3
45	Effect of Unripe Plantain (<i>Musa paradisiaca</i>) and Ginger (<i>Zingiber officinale</i>) on Renal Dysfunction in Streptozotocin-Induced Diabetic Rats. <i>JOP: Journal of the Pancreas</i> , 2015, 16, 167-70.	1.5	1
46	Effect of Livingstone Potato (<i>Plectranthus esculentus</i> N.E.Br) on Diabetes and Its Complications in Streptozotocin Induced Diabetes in Rats. <i>Diabetes and Metabolism Journal</i> , 2014, 38, 366.	1.8	7
47	Effect of livingstonepotato (<i>Plectranthus esculentus</i> N.E.Br) on hyperglycemia, antioxidant activity and lipid metabolism of streptozotocin induced diabetic rats. <i>Toxicology Reports</i> , 2014, 1, 674-681.	1.6	17
48	Biochemical basis of the use of cocoyam (<i>Colocassia esculenta</i> L.) in the dietary management of diabetes and its complications in streptozotocin induced diabetes in rats. <i>Asian Pacific Journal of Tropical Disease</i> , 2014, 4, S705-S711.	0.5	14
49	Use of indigenous technology for the production of High Quality Cassava Flour with similar food qualities as wheat flour. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2014, 13, 249-256.	0.2	13
50	Effect of Partial Replacement of Wheat Flour with High Quality Cassava Flour on the Chemical Composition, Antioxidant Activity, Sensory Quality, and Microbial Quality of Bread. <i>Preventive Nutrition and Food Science</i> , 2014, 19, 115-123.	0.7	24
51	Effect of Livingstone potato (<i>Plectranthus esculentus</i> N.E.Br) on hepatic glucose-6-phosphophate dehydrogenase activity of streptozotocin induced diabetic rats. <i>JOP: Journal of the Pancreas</i> , 2014, 15, 360-4.	1.5	0
52	Ameliorative potentials of cocoyam (<i>Colocasia esculenta</i> L.) and unripe plantain (<i>Musa paradisiacal</i> L.) on renal and liver growth in streptozotocin induced diabetic rats. <i>Journal of Acute Disease</i> , 2013, 2, 140-147.	0.0	4
53	Health promoting compounds and in vitro antioxidant activity of raw and decoctions of <i>Gnetum africanum</i> Welw.. <i>Asian Pacific Journal of Tropical Disease</i> , 2013, 3, 472-479.	0.5	5
54	Ameliorative Potentials of Cocoyam (<i>Colocasia esculenta</i> L.) and Unripe Plantain (<i>Musa</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Diabetes Research, 2013, 2013, 1-8.	1.0	40

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55	Review of the mechanism of cell death resulting from streptozotocin challenge in experimental animals, its practical use and potential risk to humans. Journal of Diabetes and Metabolic Disorders, 2013, 12, 60.	0.8	275
56	Ameliorative Potentials of Cocoyam (Colocasia Esculenta L.) and Unripe Plantain (Musa Paradisiacal L.) in Renal and Liver Growth in Streptozotocin Induced Diabetic Rats. Journal of Diabetes & Metabolism, 2013, 04, .	0.2	1
57	Antioxidant effect of unripe plantain (Musa paradisiacae) on oxidative stress in alloxan-induced diabetic rabbits. International Journal of Medicine and Biomedical Research, 2012, 1, 232-241.	0.0	18
58	Physico-chemical Properties and Antioxidant Potentials of 6 New Varieties of Ginger (Zingiber) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	0.2	15
59	Determination of the Proximate Composition, Total Carotenoid, Reducing Sugars and Residual Cyanide Levels of Flours of 6 New Yellow and White Cassava (Manihot esculenta Crantz) Varieties. American Journal of Food Technology, 2012, 7, 642-649.	0.2	37
60	Phenolic Content, Antioxidant Capacity and Toxicity of 3 Varieties of Living Stone Potato (Rizga). Journal of Pharmacology and Toxicology, 2012, 7, 206-212.	0.4	3
61	Effect of Variety on the Physico-Chemical, Carotenoid and Microbial Loads of Flours of Five New Varieties of Sweet Potato. Biotechnology, 2011, 10, 286-291.	0.5	5
62	Chemical Composition, antioxidant activity, functional properties and inhibitory action of unripe plantain (M. Paradisiacae) flour. African Journal of Biotechnology, 2011, 10, .	0.3	10
63	Studies on the Nutrient Composition, Antioxidant Activities, Functional Properties and Microbial Load of the Flours of 10 Elite Cassava (Manihot esculenta) Varieties. Asian Journal of Clinical Nutrition, 2010, 3, 33-39.	0.3	16
64	Total Antioxidant Capacity, Nutritional Composition and Inhibitory Activity of Unripe Plantain (Musa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 2010, 9, 1052-1057.	0.2	31