

Oghenetega J Awwioroko

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

255
citations

933447

10
h-index

1058476

14
g-index

31
all docs

31
docs citations

31
times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of a surfactant-stable α -amylase produced by solid-state fermentation of cassava (<i>Manihot esculenta</i> Crantz) tubers using <i>Rhizopus oligosporus</i> : Kinetics, thermal inactivation thermodynamics and potential application in laundry industries. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 39, 102290.	3.1	13
2	Neuroprotective activity of <i>Ipomoea cairica</i> leaf extract against cadmium chloride-induced biochemical changes in the brain of male Wistar rats. <i>Bulletin of the National Research Centre</i> , 2022, 46, .	1.8	0
3	Trã©vo abrogates Lead Acetate Neurotoxicity in Male Wistar Rats viz Antiamyloidogenesis, Antiglutaminergic, and Anticholinesterase Activities. <i>Annals of Neurosciences</i> , 2022, 29, 94-103.	1.7	1
4	α -Amylase inhibition, anti-glycation property and characterization of the binding interaction of citric acid with α -amylase using multiple spectroscopic, kinetics and molecular docking approaches. <i>Journal of Molecular Liquids</i> , 2022, 360, 119454.	4.9	12
5	Evaluation of chemical composition, in vitro antioxidant, and antidiabetic activities of solvent extracts of <i>Irvingia gabonensis</i> leaves. <i>Heliyon</i> , 2022, 8, e09922.	3.2	8
6	Phytochemical profile, antioxidant, α -amylase inhibition, binding interaction and docking studies of <i>Justicia carnea</i> bioactive compounds with α -amylase. <i>Biophysical Chemistry</i> , 2021, 269, 106529.	2.8	28
7	Metformin Potentiates the Antidiabetic Properties of <i>Annona muricata</i> and <i>Tapinanthus globiferus</i> Leaf Extracts in Diabetic Rats. <i>Pharmacognosy Journal</i> , 2021, 13, 614-619.	0.8	2
8	Comparative Biochemical Evaluation of the Proximate, Mineral, and Phytochemical Constituents of <i>Xylopia aethiopica</i> Whole Fruit, Seed, and Pericarp. <i>Preventive Nutrition and Food Science</i> , 2021, 26, 219-229.	1.6	4
9	Anti-obesity, antioxidant and in silico evaluation of <i>Justicia carnea</i> bioactive compounds as potential inhibitors of an enzyme linked with obesity: Insights from kinetics, semi-empirical quantum mechanics and molecular docking analysis. <i>Biophysical Chemistry</i> , 2021, 274, 106607.	2.8	19
10	Amine-modified kaolinite clay preserved thyroid function and renal oxidative balance after sub-acute exposure in rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2021, 32, 89-96.	1.3	2
11	Chemical Profile, Antioxidant and Alpha-Amylase Inhibitory Activity of Leaves Extracts of <i>Annona muricata</i> : A Combined In vitro and In silico Study. <i>Letters in Applied NanoBioScience</i> , 2021, 11, 3470-3479.	0.4	1
12	Salubrious effects of a vermiculite-ã©celluloseã©based bionanocomposite on oxidative stress indices and histomorphology of male Wistar rats. <i>Andrologia</i> , 2020, 52, e13426.	2.1	3
13	Exploring the binding interactions of structurally diverse dichalcogenoimidodiphosphinate ligands with α -amylase: Spectroscopic approach coupled with molecular docking. <i>Biochemistry and Biophysics Reports</i> , 2020, 24, 100837.	1.3	13
14	Investigation of the binding interaction of α -amylase with <i>Chrysophyllum albidum</i> seed extract and its silver nanoparticles: A multi-spectroscopic approach. <i>Chemical Data Collections</i> , 2020, 29, 100517.	2.3	16
15	Phytochemical Constituents, Antimalarial Efficacy, and Protective Effect of <i>Eucalyptus camaldulensis</i> Aqueous Leaf Extract in <i>Plasmodium berghei</i> -Infected Mice. <i>Preventive Nutrition and Food Science</i> , 2020, 25, 58-64.	1.6	13
16	Isolation, identification and in silico analysis of bitter leaves (<i>Vernonia amygdalina</i>) ribulose-1,5-bisphosphate carboxylase/oxygenase gene. <i>Gene Reports</i> , 2020, 20, 100720.	0.8	1
17	Characterization of α -amylases isolated from <i>Cyperus esculentus</i> seeds (tigernut): Biochemical features, kinetics and thermal inactivation thermodynamics. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 21, 101298.	3.1	15
18	Oral Supplementation of Coconut Oil Attenuates Propanil-induced Oxidative Stress in the Testes of Rats. <i>Asian Journal of Biological Sciences</i> , 2019, 13, 70-76.	0.2	2

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19	Possible Implication of Long Term Sucrose Diet on Integumentary Tissuesâ€™ Minerals of Male Albino Rats. Trends in Medical Research, 2019, 15, 7-13.	0.2	3
20	Comparative Study of the Effects of <i>Annona muricata</i> and <i>Tapinanthus globiferus</i> Extracts on Biochemical Indices of Diabetic Rats. Pharmacognosy Journal, 2019, 11, 1365-1370.	0.8	4
21	Isolation, identification and in silico analysis of alpha-amylase gene of <i>Aspergillus niger</i> strain CSA35 obtained from cassava undergoing spoilage. Biochemistry and Biophysics Reports, 2018, 14, 35-42.	1.3	16
22	Phytochemical constituents, antidiabetic and ameliorative effects of <i>Polyalthia longifolia</i> leaf extract in alloxan-induced diabetic rats. Journal of Applied Sciences and Environmental Management, 2018, 22, 993.	0.1	4
23	<i>Brillantasia patula</i> ; Aqueous Leaf Extract Averts Hyperglycemia, Lipid Peroxidation, and Alterations in Hematological Parameters in Alloxan-Induced Diabetic Rats. International Journal of Biomedical Science and Engineering, 2018, 6, 43.	0.1	3
24	A novel pig feed formulation containing <i>Aspergillus niger</i> CSA35 pretreated-cassava peels and its effect on growth and selected biochemical parameters of pigs. African Journal of Biotechnology, 2016, 15, 776-785.	0.6	11
25	Biotechnological Application of Cassava-Degrading Fungal (CDF) Amylase in Broiler Feed Formulation. British Biotechnology Journal, 2016, 10, 1-12.	0.4	4
26	Biochemical Characterization of Crude α -Amylase of <i>Aspergillus</i> spp. Associated with the Spoilage of Cassava (<i>Manihot esculenta</i>) Tubers and Processed Products in Nigeria. Advances in Biochemistry, 2015, 3, 15.	0.1	10
27	Amelioration of Lead-induced Toxicity in Blood, Liver and Kidney Tissues of Male Wistar Rats by Fermented Ofada Rice. Turkish Journal of Agriculture: Food Science and Technology, 2015, 3, 754.	0.3	2
28	White Gold: Cassava as an Industrial Base. American Journal of Plant Sciences, 2015, 06, 972-979.	0.8	32
29	Effect of Preservation on Two Different Varieties of <i>Vernonia amygdalina</i> Del. (Bitter) Leaves. Food and Nutrition Sciences (Print), 2015, 06, 633-642.	0.4	5
30	Effect of preservation on the chlorophyll content, phytochemicals, and antioxidant capacity of two different varieties of pumpkin (<i>Telfairia occidentalis</i>) leaves. Nigerian Journal of Technological Research, 2015, 10, 9.	0.1	4
31	Nutritional compositions and antioxidant properties of typical Urhobo Nigerian soups. Nigerian Journal of Technological Research, 2013, 8, .	0.1	4