

# Gloria A Otunola

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8432295/publications.pdf>

Version: 2024-02-01

48  
papers

721  
citations

623188

14  
h-index

580395

25  
g-index

50  
all docs

50  
docs citations

50  
times ranked

943  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization, antibacterial and antioxidant properties of silver nanoparticles synthesized from aqueous extracts of <i>Allium sativum</i> , <i>Zingiber officinale</i> , and <i>Capsicum frutescens</i> . <i>Pharmacognosy Magazine</i> , 2017, 13, 201.	0.3	82
2	Ethnobotanical survey of culinary herbs and spices used in the traditional medicinal system of Nkonkobe Municipality, Eastern Cape, South Africa. <i>South African Journal of Botany</i> , 2016, 104, 69-75.	1.2	54
3	In vitro $\alpha$ -amylase, $\alpha$ -glucosidase, lipase inhibitory and cytotoxic activities of tuber extracts of <i>Kedrostis africana</i> (L.) Cogn. <i>Heliyon</i> , 2018, 4, e00810.	1.4	53
4	In vitro antibacterial, antioxidant and toxicity profile of silver nanoparticles green-synthesized and characterized from aqueous extract of a spice blend formulation. <i>Biotechnology and Biotechnological Equipment</i> , 2018, 32, 724-733.	0.5	52
5	Selected spices and their combination modulate hypercholesterolemia-induced oxidative stress in experimental rats. <i>Biological Research</i> , 2014, 47, 5.	1.5	45
6	Phytochemical screening and in vitro evaluation of antioxidant and antimicrobial activities of <i>Kedrostis africana</i> (L.) Cogn. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017, 7, 901-908.	0.5	37
7	Comparative analysis of the chemical composition of three spices – <i>Allium sativum</i> L. <i>Zingiber officinale</i> Rosc. and <i>Capsicum frutescens</i> L. commonly consumed in Nigeria. <i>African Journal of Biotechnology</i> , 2011, 9, .	0.3	36
8	Nutritional evaluation of <i>Kedrostis africana</i> (L.) Cogn: An edible wild plant of South Africa. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017, 7, 443-449.	0.5	33
9	Chemical composition, antioxidant, anti-inflammatory, and cytotoxic activities of <i>Opuntia stricta</i> cladodes. <i>PLoS ONE</i> , 2019, 14, e0209682.	1.1	30
10	Lifestyle factors and co-morbidities associated with obesity and overweight in Nkonkobe Municipality of the Eastern Cape, South Africa. <i>Journal of Health, Population and Nutrition</i> , 2017, 36, 22.	0.7	29
11	Antidiabetic effect of combined spices of <i>Allium sativum</i> , <i>Zingiber officinale</i> and <i>Capsicum frutescens</i> in alloxan-induced diabetic rats. <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2015, 8, 314-323.	1.1	27
12	Evaluation of acute and subacute toxicity of whole-plant aqueous extract of <i>Vernonia mespilifolia</i> Less. in Wistar rats. <i>Journal of Integrative Medicine</i> , 2018, 16, 335-341.	1.4	27
13	Polyphenolic Content, Antioxidant and Antimicrobial Activities of <i>Vernonia mespilifolia</i> Less. Used in Folk Medicine in the Eastern Cape Province, South Africa. <i>Journal of Evidence-based Integrative Medicine</i> , 2018, 23, 2515690X1877399.	1.4	23
14	Sunlight-driven rapid and facile synthesis of Silver nanoparticles using <i>Allium ampeloprasum</i> extract with enhanced antioxidant and antifungal activity. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3660-3668.	1.8	22
15	Phytochemical and Antioxidant Activities of <i>Cucumis africanus</i> L.f.: A Wild Vegetable of South Africa. <i>Journal of Evidence-based Integrative Medicine</i> , 2019, 24, 2515690X1983639.	1.4	18
16	Chemical Composition of Essential Oils Obtained from <i>Heteromorpha arborescens</i> (Spreng.) Cham. and Schltld Leaves Using Two Extraction Methods. <i>Scientific World Journal</i> , The, 2020, 2020, 1-6.	0.8	10
17	Anti-inflammatory and cytotoxic evaluation of extracts from the flowering stage of <i>Celosia argentea</i> . <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 152.	1.2	10
18	Assessment of the polyphenolic content, free radical scavenging, anti-inflammatory, and antimicrobial activities of acetone and aqueous extracts of <i>Lippia javanica</i> (Burm.F.) spreng. <i>Pharmacognosy Magazine</i> , 2016, 12, 353.	0.3	10

#	ARTICLE	IF	CITATIONS
19	Culinary Spices in Food and Medicine: An Overview of <i>Syzygium aromaticum</i> (L.) Merr. and L. M. Perry [Myrtaceae]. <i>Frontiers in Pharmacology</i> , 2021, 12, 793200.	1.6	10
20	Essential Oil Composition, Nutrient and Anti-nutrient Analysis of <i>Vernonia mespilifolia</i> Less.. <i>Journal of Botany (Faisalabad)</i> , 2017, 12, 38-45.	0.8	9
21	Evaluation of the physicochemical, proximate, and sensory properties of moimoin from blends of cowpea and water yam flour. <i>Food Science and Nutrition</i> , 2018, 6, 991-997.	1.5	8
22	Acute and subacute toxicity of aqueous extract of the tuber of <i>Kedrostis africana</i> (L.) Cogn in Wistar rats. <i>Journal of Complementary and Integrative Medicine</i> , 2018, 15, .	0.4	7
23	Inhibition of Key Enzymes Linked to Obesity and Cytotoxic Activities of Whole Plant Extracts of <i>Vernonia mespilifolia</i> Less. <i>Processes</i> , 2019, 7, 841.	1.3	7
24	Nutritional composition and antinutrient content of <i>Heteromorpha arborescens</i> (Spreng.) Cham. & Schtdl. leaves: An underutilized wild vegetable. <i>Food Science and Nutrition</i> , 2021, 9, 172-179.	1.5	6
25	Ultrastructure and elemental analysis of <i>Hypoxis hemerocallidea</i> : A multipurpose medicinal plant. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2014, 11, 39.	0.3	5
26	Potential of <i>Celosia</i> species in alleviating micronutrient deficiencies and prevention of diet-related chronic diseases: a review. <i>AIMS Agriculture and Food</i> , 2019, 4, 458-484.	0.8	5
27	A Review of the Antidiabetic Activities of Ginger. , 0, , .		5
28	Assessment of oral safety profile of aqueous extract blend of three medicinal spices in Wistar rats. <i>Tropical Journal of Pharmaceutical Research</i> , 2017, 16, 91.	0.2	4
29	Chemical Composition, Antibacterial and in vitro Anti-Inflammatory Potentials of Essential Oils from Different Plant Parts of <i>Moringa oleifera</i> Lam. <i>American Journal of Biochemistry and Biotechnology</i> , 2018, 14, 210-220.	0.1	4
30	Silver nanoparticles biosynthesis by <i>Elaeodendron croceum</i> stem bark and leaves extracts, their anti-bacterial and cytotoxicity activities. <i>Inorganic and Nano-Metal Chemistry</i> , 2021, 51, 399-410.	0.9	4
31	Choosing Suitable Food Vehicles for Functional Food Products. <i>Functional Foods in Health and Disease</i> , 2021, 11, 44.	0.3	4
32	Assessment of the phytochemical, antioxidant and antibacterial activities of <i>Heteromorpha arborescens</i> (Spreng.) Cham & Schtdl. leaf extracts. <i>F1000Research</i> , 2020, 9, 1079.	0.8	4
33	Toxicity Evaluation of <i>Vernonia mespilifolia</i> Less (A South Africa Medicinal Plant) Using Brine Shrimp. <i>Journal of Pharmacology and Toxicology</i> , 2017, 12, 103-110.	0.4	4
34	Estimation of Phytochemical, Vitamins Composition and Antioxidant Activity of <i>Pelargonium iniquans</i> Leaves. <i>Pharmacognosy Journal</i> , 2019, 11, 237-244.	0.3	4
35	Foliar micromorphology of <i>Lippia javanica</i> (Burm.F) Spreng. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2016, 13, 237.	0.3	3
36	Cytotoxicity, Anti-Obesity and Anti-Diabetic Activities of <i>Heteromorpha arborescens</i> (Spreng.) Cham Leaves. <i>Processes</i> , 2021, 9, 1671.	1.3	3

#	ARTICLE	IF	CITATIONS
37	Determination of Trace Elements in Selected Organs of Cow for Safety Consumption among Rural Dwellers in Kwara State, Nigeria. <i>Pakistan Journal of Nutrition</i> , 2009, 8, 1855-1857.	0.2	3
38	Cytotoxicity evaluation and anti-inflammatory potentials of <i>Cucumis africanus</i> L.f. leaves. <i>Medicinal Plants - International Journal of Phytomedicines and Related Industries</i> , 2020, 12, 48.	0.1	3
39	Effect of Temperature, Light and Sowing Depth on Seed Germination of <i>Celosia argentea</i> L.. <i>Asian Journal of Plant Sciences</i> , 2017, 17, 47-55.	0.2	3
40	Assessment of Rats Fed Protein-Deficient Diets Supplemented with <i>Moringa Oleifera</i> Leaf Meal. <i>Current Research in Nutrition and Food Science</i> , 2022, 10, 45-55.	0.3	3
41	Characterization and Biological Activities of Silver Nanoparticles Synthesized from Stems of <i>Sarcocephalus latifolius</i> (Sm) E.A. Bruce and <i>Massularia acuminata</i> (G. Don) Bullock ex Hojl. (Rubiaceae). <i>Asian Journal of Chemistry</i> , 2017, 29, 1240-1248.	0.1	2
42	GC-MS Profiling and Antineoplastic Activity of <i>Pelargonium Inquinans</i> Ait Leaves on Acute Leukaemia Cell Lines U937 and Jurkat. <i>Nutrition and Cancer</i> , 2021, , 1-23.	0.9	2
43	Influence of Plant Maturity on Antimicrobial Properties and Toxicity of <i>Celosia argentea</i> . <i>Journal of Biological Sciences</i> , 2019, 19, 280-289.	0.1	2
44	Therapeutic effect of aqueous extracts of three dietary spices and their mixture on lipid metabolism and oxidative stress in a rat model of chronic alcohol consumption. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2016, 29, 1155-61.	0.2	2
45	Biochemical, Hematological and Histopathological Indices of Wistar Rats Fed Vitamin and Mineral Deficient Diets Supplemented with <i>Moringa oleifera</i> Leaf Meal. <i>Current Nutrition and Food Science</i> , 2019, 15, 608-620.	0.3	1
46	Proximate and elemental composition of leaf, corm, root and peel of <i>Hypoxis hemerocallidea</i> : A Southern African multipurpose medicinal plant. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 535-539.	0.2	1
47	Foliar Micromorphology and Histochemical Localization of Specific Metabolites in the Leaves of <i>Celosia argentea</i> L.. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2019, 47, 1128-1135.	0.5	0
48	In vitro Alpha-amylase inhibition, antioxidant, nutritional and sensory properties of functional spice-blend fortified cookies. <i>Functional Foods in Health and Disease</i> , 2022, 12, 56.	0.3	0