

# Babatunde T Olawoye

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3874655/publications.pdf>

Version: 2024-02-01

24  
papers

268  
citations

949033

11  
h-index

1051228

16  
g-index

26  
all docs

26  
docs citations

26  
times ranked

208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding how different modification processes affect the physiochemical, functional, thermal, morphological structures and digestibility of cardaba banana starch. <i>International Journal of Biological Macromolecules</i> , 2022, 201, 158-172.	3.6	16
2	Metabolite fingerprinting of ethyl acetate fraction of <i>Kigelia africana</i> fruit extracts: A comparison of chemical composition using GC-MS, GC-TOF-MS and UHPLC-TOF-MS/MS. <i>Chemical Data Collections</i> , 2021, 31, 100623.	1.1	3
3	UHPLC/GC-TOF-MS metabolomics, MTT assay, and molecular docking studies reveal physostigmine as a new anticancer agent from the ethyl acetate and butanol fractions of <i>Kigelia africana</i> (Lam.) Benth. fruit extracts. <i>Biomedical Chromatography</i> , 2021, 35, e4979.	0.8	5
4	Evaluation of sugar and free amino acid during fermentation of ogi from maize, acha and sorghum. <i>Food Science and Applied Biotechnology</i> , 2021, 4, 111.	0.2	1
5	Succinylation improves the slowly digestible starch fraction of cardaba banana starch. A process parameter optimization study. <i>Artificial Intelligence in Agriculture</i> , 2020, 4, 219-228.	4.4	4
6	Sensory profiling and mapping of gluten-free cookies made from blends Cardaba banana flour and starch. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14643.	0.9	14
7	Gluten-free cookies with low glycemic index and glycemic load: optimization of the process variables via response surface methodology and artificial neural network. <i>Heliyon</i> , 2020, 6, e05117.	1.4	21
8	Metabolome modulatory effects of <i>Kigelia africana</i> (Lam.) Benth. fruit extracts on oxidative stress, hyperlipidaemic biomarkers in STZ-induced diabetic rats and antidiabetic effects in 3T3 L1 adipocytes. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1798-1811.	1.2	9
9	Influence of processing on the physiochemical, functional and pasting properties of Nigerian <i>Amaranthus viridis</i> seed flour: a multivariate analysis approach. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	16
10	Improving the resistant starch in succinate anhydride-modified cardaba banana starch: A chemometrics approach. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14686.	0.9	7
11	Digestion kinetics of native and modified cardaba banana starch: A biphasic approach. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 31-38.	3.6	20
12	Recent Trends in the Formulation of Gluten-Free Sorghum Products. <i>Journal of Culinary Science and Technology</i> , 2018, 16, 311-325.	0.6	21
13	Modelling and Optimisation of Yoghurt Production from Tigernut ( <i>Cyperus esculentus</i> L.) Using Response Surface Methodology (RSM). <i>Asian Food Science Journal</i> , 2018, 4, 1-12.	0.3	0
14	Effect of different treatments on <i>in vitro</i> protein digestibility, antinutrients, antioxidant properties and mineral composition of <i>Amaranthus viridis</i> seed. <i>Cogent Food and Agriculture</i> , 2017, 3, 1296402.	0.6	37
15	Modelling of thin-layer drying characteristic of unripe Cardaba banana ( <i>Musa ABB</i> ) slices. <i>Cogent Food and Agriculture</i> , 2017, 3, 1290013.	0.6	14
16	Characterization and antioxidant evaluation of phenolic compounds extracted from the protein concentrate and protein isolate produced from pawpaw ( <i>Carica papaya</i> Linn.) seeds. <i>International Journal of Food Properties</i> , 2017, 20, 2423-2436.	1.3	27
17	Economic Evaluation of Cookie made from blend of Brewers' Spent Grain (BSC), Groundnut cake and Sorghum Flour. <i>Open Agriculture</i> , 2017, 2, 401-410.	0.7	11
18	Changes in Total Phenolic and Protein Contents during Production of Protein Isolates from <i>Carica papaya</i> (Pawpaw) Seeds. <i>Turkish Journal of Agriculture: Food Science and Technology</i> , 2016, 4, 1006.	0.1	3

#	ARTICLE	IF	CITATIONS
19	Nutraceutical and Antioxidant Properties of the Seeds, Leaves and Fruits of <i>Carica papaya</i> : Potential Relevance to Humans Diet, the Food Industry and the Pharmaceutical Industry - A Review. Turkish Journal of Agriculture: Food Science and Technology, 2016, 4, 1039.	0.1	13
20	<i>Vernonia amygdalina</i> : An Underutilized Vegetable with Nutraceutical Potentials – A Review. Turkish Journal of Agriculture: Food Science and Technology, 2016, 4, 763.	0.1	22
21	Economic Studies on the Production of Fruit Juice from a Locally Sourced Fruit –“African Star Apple”™. Turkish Journal of Agriculture: Food Science and Technology, 2016, 4, 438.	0.1	1
22	Cereal Grain: A Vehicle for Improved Healthy Living. , 0, , .		0
23	Celiac Disease Management through Gluten-Free Diets. , 0, , .		2
24	Modeling of the Cracking Efficiency of Tenera Cultivar Palm Nuts Using Comparative Analysis Between Artificial Neural Network and Response Surface Methodology. Agricultural Research, 0, , 1.	0.9	0