

Chukwuebuka Egbuna

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

712
citations

933447
10
h-index

996975
15
g-index

111
all docs

111
docs citations

111
times ranked

484
citing authors

#	ARTICLE	IF	CITATIONS
1	FMS-like tyrosine kinase-3 (FLT3) inhibitors with better binding affinity and ADMET properties than sorafenib and gilteritinib against acute myeloid leukemia: in silico studies. Journal of Biomolecular Structure and Dynamics, 2022, 40, 12248-12259.	3.5	15
2	Global Research Funding and Development. , 2022, 1, 11-18.		0
3	Effect of Extraction Methods on Polyphenols, Flavonoids, Mineral Elements, and Biological Activities of Essential Oil and Extracts of Mentha pulegium L.. Molecules, 2022, 27, 11.	3.8	32
4	Prospects and Toxicological Concerns of Nanotechnology Application in the Food Industry. , 2022, , 235-250.		0
5	Smart Use of Nanomaterials as Sensors for Detection and Monitoring of Food Spoilage. , 2022, , 169-188.		5
6	Gelling Agents, Micro and Nanogels in Food System Applications. , 2022, , 153-167.		1
7	Ficus exasperata Attenuates Acetaminophen-Induced Hepatic Damage via NF- κ B Signaling Mechanism in Experimental Rat Model. BioMed Research International, 2022, 2022, 1-10.	1.9	12
8	Pathogenesis and mutagenesis of SARS-CoV-2. , 2022, , 81-99.		0
9	Myth surrounding the FDA disapproval of hydroxychloroquine sulfate and chloroquine phosphate as drugs for coronavirus disease 2019. , 2022, , 153-168.		1
10	Coronavirus disease 2019 in Africa: why the recent spike in cases?. , 2022, , 313-330.		0
11	Pawpaw Peels as a Source of Nutraceuticals. , 2022, , 135-145.		1
12	Banana Peel as a Source of Nutraceuticals. , 2022, , 243-250.		12
13	Orange Peel as Source of Nutraceuticals. , 2022, , 97-106.		13
14	General principle of primary and secondary plant metabolites: Biogenesis, metabolism, and extraction. , 2021, , 3-23.		6
15	Application of nanotechnology in the packaging of edible materials. , 2021, , 215-225.		13
16	MicroRNAs as Targets of Dietary Phytochemicals in Obesity and Cancer. , 2021, , 193-203.		0
17	Biochemical and pharmacotherapeutic potentials of lycopene in drug discovery. , 2021, , 307-360.		10
18	Roles of nutraceutical in the treatment of tuberculosis. , 2021, , 273-279.		0

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19	Pathophysiology of Obesity and Cancer: Drugs and Signaling Targets. , 2021, , 43-63.		0
20	Principles of applied microbiology and biotechnology: Technique for the screening of antimicrobial herbs. , 2021, , 185-214.		1
21	Herbal drug technology. , 2021, , 77-87.		0
22	Health benefits of glucosinolate isolated from cruciferous and other vegetables. , 2021, , 361-371.		3
23	Overview of the traditional systems of medicine in different continents during postwar recovery. , 2021, , 37-52.		5
24	Phytopharmaceuticals: Efficacy, safety, and regulation. , 2021, , 25-38.		3
25	Etiology of Obesity, Cancer, and Diabetes. , 2021, , 1-27.		8
26	Minerals, Essential Oils, and Biological Properties of Melissa officinalis L.. Plants, 2021, 10, 1066.	3.5	15
27	Application of Beneficial Microorganisms with High Efficient Biosorption Potential for the Bioremediation of Pesticide Contamination of Freshwater and Soil Environment. , 2021, , 233-254.		0
28	Emerging pollutants in Nigeria: A systematic review. Environmental Toxicology and Pharmacology, 2021, 85, 103638.	4.0	35
29	Toxicity of Nanoparticles in Biomedical Application: Nanotoxicology. Journal of Toxicology, 2021, 2021, 1-21.	3.0	98
30	Bioactive Compounds Effective Against Type 2 Diabetes Mellitus: A Systematic Review. Current Topics in Medicinal Chemistry, 2021, 21, 1067-1095.	2.1	82
31	Ethnopharmacological properties of Asian medicinal plants during conflict-related blockades. , 2021, , 53-68.		1
32	Effects of Four Local Species of Beans Consumed in South-eastern Nigeria on Selected Biochemical Indices of Wistar Albino Rats. , 2021, 1, 1-7.		0
33	Perspective Insights to Bio-Nanomaterials for the Treatment of Neurological Disorders. Frontiers in Bioengineering and Biotechnology, 2021, 9, 724158.	4.1	17
34	Neurorestorative Roles of Microgliosis and Astroglisis in Neuroinflammation and Neurodegeneration. , 2021, 1, 1-5.		12
35	Plant secondary metabolites as lead compounds for the production of potent drugs. , 2020, , 3-14.		4
36	Antiviral phytocompounds for drug development. , 2020, , 239-244.		2

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37	Pests of Agricultural Crops and Control Measures. , 2020, , 1-16.		8
38	Plant Diseases, Pathogens and Diagnosis. , 2020, , 17-28.		1
39	Biopesticides, Safety Issues and Market Trends. , 2020, , 43-53.		5
40	Semiochemicals. , 2020, , 81-89.		4
41	Antidiabetic lead compounds and targets for drug development. , 2020, , 127-141.		4
42	Natural bioactive lead compounds effective against haematological malignancies. , 2020, , 95-115.		10
43	Pesticides, History, and Classification. , 2020, , 29-42.		49
44	Homemade Preparations of Natural Biopesticides and Applications. , 2020, , 179-185.		5
45	Phytochemicals as therapeutic interventions in neurodegenerative diseases. , 2020, , 161-178.		7
46	Bioactive lead compounds and molecular targets for the development of antiinflammatory drugs. , 2020, , 317-331.		2
47	Evaluation of Annona muricata Acetogenins as Potential Anti-SARS-CoV-2 Agents Through Computational Approaches. <i>Frontiers in Chemistry</i> , 2020, 8, 624716.	3.6	25
48	Carotenoids as Functional Bioactive Compounds. , 2020, , 415-444.		5
49	Vitamins and Minerals: Types, Sources and their Functions. , 2020, , 149-172.		19
50	Phytochemical Investigation and Evaluation of Anti-Breast Cancer Activity of Chloroform Extract of <i>Tagetes erecta</i> . , 2020, , 153-166.		0
51	Biomarkers for Screening of Premalignant Lesions and Therapeutic Surveillance. , 2020, , 3-19.		0
52	Prebiotics, Probiotics, Synbiotics and Its Importance in the Management of Diseases. , 2020, , 173-196.		9
53	Mushroom: Nutraceutical, Mineral, Proximate Constituents and Bioactive Component. , 2020, , 307-336.		9
54	Role of Nutraceuticals in Maternal Nutrition. , 2020, , 527-541.		2

#	ARTICLE	IF	CITATIONS
55	Polyphenols: Classifications, Biosynthesis and Bioactivities. , 2020, , 389-414.		13
56	Nutritional and Health Benefits of Seafoods. , 2020, , 219-239.		1
57	Health Benefits of Milk and Milk Products. , 2020, , 211-217.		3
58	Proximate, Phytochemical and Antioxidant Mineral Compositions of Four Different Brands of Tea. Advanced Journal of Graduate Research, 2020, 8, 1-7.	0.5	1
59	Synthetic Analogs of Phytochemicals. , 2019, , 23-55.		8
60	Screening of Natural Antidiabetic Agents. , 2019, , 203-235.		1
61	Phytochemicals as Sources of Drugs. , 2019, , 3-22.		13
62	An unusual color change in tetracycline HCl powder “ from drug to poison. Medical Journal of Dr D Y Patil Vidyapeeth, 2019, 12, 152.	0.1	0
63	Effects of Four Different Food Additives on the Oxidative Stress Markers of Wistar Albino Rats. International Annals of Science, 2019, 9, 46-51.	0.4	1
64	Phytochemical Test Methods: Qualitative, Quantitative and Proximate Analysis. , 2018, , 381-426.		13
65	Antioxidants and Phytochemicals. , 2018, , 131-146.		3
66	Phytochemicals as Antinutrients. , 2018, , 557-564.		1
67	Toxic Plants and Phytochemicals. , 2018, , 519-544.		0
68	Pharmacognosy and Prehistoric uses of Medicinal Plants. , 2018, , 3-16.		1
69	Biotechnology approach to the production of phytochemicals: an introduction. , 2018, , 107-130.		0
70	Medicinal Plants with Antivenom Activities. , 2018, , 207-256.		1
71	Introduction To phytochemistry. , 2018, , 3-36.		5
72	Biosynthesis of Phytochemicals. , 2018, , 37-78.		7

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73	<i>>Moringa oleifera</i>> â€œThe Motherâ€™s Best Friendâ€, International Journal of Nutrition and Food Sciences, 2015, 4, 624.	0.4	25
74	Determination of Total Protein, Superoxide Dismutase, Catalase Activity and Lipid Peroxidation in Soil Macro-fauna (Earthworm) from Onitsha Municipal Open Waste Dump. Journal of Scientific Research and Reports, 2015, 6, 394-403.	0.2	7
75	Influence of Heat Processing on Nutrient Composition and Energy Values of Selected Cereals Consumed in Nigeria. International Journal of Biochemistry Research & Review, 2015, 7, 20-26.	0.1	0
76	Phytochemical and in vitro Antibacterial Evaluation of the Ethanolic Extract of the Stem Bark of Entada africana Guill. & Perr and Sarcocephalus latifolus. International Journal of Biochemistry Research & Review, 2014, 4, 584-592.	0.1	8
77	Distribution of Polycyclic Aromatic Hydrocarbons and Heavy Metals in Soils from Municipal Solid Waste Landfill. British Journal of Applied Science & Technology, 2014, 4, 5058-5071.	0.2	2