

Raphael N Alolga

List of Publications by Year in descending order

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41
papers

1,149
citations

567281

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414414

32
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all docs

42
docs citations

42
times ranked

1609
citing authors

#	ARTICLE	IF	CITATIONS
1	Implication of the hepatokine, fibrinogen-like protein 1 in liver diseases, metabolic disorders and cancer: The need to harness its full potential. <i>International Journal of Biological Sciences</i> , 2022, 18, 292-300.	6.4	11
2	Paired Derivatization Approach with H/D-Labeled Hydroxylamine Reagents for Sensitive and Accurate Analysis of Monosaccharides by Liquid Chromatography Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2022, 94, 3590-3599.	6.5	7
3	<i>Cordyceps</i> Improves Obesity and its Related Inflammation via Modulation of <i>Enterococcus cecorum</i> Abundance and Bile Acid Metabolism. <i>The American Journal of Chinese Medicine</i> , 2022, 50, 817-838.	3.8	8
4	Integrated metagenomics identifies a crucial role for trimethylamine-producing <i>Lachnoclostridium</i> in promoting atherosclerosis. <i>Npj Biofilms and Microbiomes</i> , 2022, 8, 11.	6.4	41
5	Functionalization of Nanoparticulate Drug Delivery Systems and Its Influence in Cancer Therapy. <i>Pharmaceutics</i> , 2022, 14, 1113.	4.5	17
6	Distinct metabolomes and quality characteristics of vacuum-assisted osmosonic-pretreated <i>Curcuma longa</i> L. rhizomes subjected to different drying methods. <i>Industrial Crops and Products</i> , 2022, 185, 115156.	5.2	4
7	Metabolomic and transcriptomic analyses of the anti-rheumatoid arthritis potential of xylopic acid in a bioinspired lipoprotein nanoformulation. <i>Biomaterials</i> , 2021, 268, 120482.	11.4	18
8	Sonication, osmosonication and vacuum-assisted osmosonication pretreatment of Ghanaian garlic slices: Effect on physicochemical properties and quality characteristics. <i>Food Chemistry</i> , 2021, 343, 128535.	8.2	42
9	Jatrorrhizine: a review of its pharmacological effects. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 709-719.	2.4	13
10	Low plasma angiotensin-converting enzyme 2 level in diabetics increases the risk of severe COVID-19 infection. <i>Aging</i> , 2021, 13, 12301-12307.	3.1	7
11	Omics and Transgenic Analyses Reveal that Salvianolic Acid B Exhibits its Anti-Inflammatory Effects through Inhibiting the Mincle-Syk-Related Pathway in Macrophages. <i>Journal of Proteome Research</i> , 2021, 20, 3734-3748.	3.7	9
12	Antithrombotic and anticoagulant effects of a novel protein isolated from the venom of the <i>Deinagkistrodon acutus</i> snake. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111527.	5.6	7
13	The Use of Oseltamivir as Adjunctive Therapy for the Treatment of Hand-Food-and-Mouth Disease: A Meta-Analysis of Randomized Clinical Trials. <i>Frontiers in Pharmacology</i> , 2021, 12, 653691.	3.5	1
14	Antioxidant activities, anti-inflammatory, cytotoxic effects, quality attributes, and bioactive compounds of Ghanaian ginger under varied dehydration conditions. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15994.	2.0	4
15	Ultra Performance Liquid Chromatography-Quadrupole Time-of-Flight Mass Spectrometry (UPLC-Q-TOF-MS)-based metabolomic analysis of mycelial biomass of three <i>Ganoderma</i> isolates from the Lower Volta River Basin of Ghana. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114355.	2.8	4
16	Drying techniques affect the quality and essential oil composition of Ghanaian ginger (<i>Zingiber</i>) Tj ETQq0 0 0 rgBT JOverlock 10 Tf 50 14	5.2	13
17	Advanced paternal age and risk of cancer in offspring. <i>Aging</i> , 2021, 13, 3712-3725.	3.1	7
18	Antihypertensive Drug Use and the Risk of Depression: A Systematic Review and Network Meta-analysis. <i>Frontiers in Pharmacology</i> , 2021, 12, 777987.	3.5	2

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19	Vacuum pressure combined with osmosonication as an innovative pre-drying technique for Ghanaian ginger: Evidence from the metabolome and quality characteristics of the dried product. <i>Ultrasonics Sonochemistry</i> , 2021, 80, 105841.	8.2	6
20	Ginsenoside Rg1 and the control of inflammation implications for the therapy of type 2 diabetes: A review of scientific findings and call for further research. <i>Pharmacological Research</i> , 2020, 152, 104630.	7.1	49
21	Cerebrospinal fluid-based metabolomics to characterize different types of brain tumors. <i>Journal of Neurology</i> , 2020, 267, 984-993.	3.6	17
22	Drying of ginger slices—Evaluation of quality attributes, energy consumption, and kinetics study. <i>Journal of Food Process Engineering</i> , 2020, 43, e13348.	2.9	51
23	Integrative omic and transgenic analyses reveal the positive effect of ultraviolet-B irradiation on salvianolic acid biosynthesis through upregulation of <i>SmNAC1</i> . <i>Plant Journal</i> , 2020, 104, 781-799.	5.7	14
24	Melatonin as an inducer of arecoline and their coordinated roles in anti-oxidative activity and immune responses. <i>Food and Function</i> , 2020, 11, 8788-8799.	4.6	8
25	Variation in bioactive phytochemicals and sensory attributes of osmosonic convective dried ginger from four African countries. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 3164-3172.	3.5	8
26	Application of non-thermal pretreatment techniques on agricultural products prior to drying: a review. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 2585-2599.	3.5	49
27	GC-MS-based metabolomics, antibacterial and anti-inflammatory investigations to characterize the quality of essential oil obtained from dried <i>Xylopiæ aethiopicæ</i> fruits from Ghana and Nigeria. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1544-1552.	2.4	12
28	Effects of Various Nonthermal Pretreatments on the Physicochemical Properties of Dried Ginger (<i>Zingiber officinale</i> Roscoe) Slices from Two Geographical Locations. <i>Journal of Food Science</i> , 2019, 84, 2847-2858.	3.1	20
29	<i>Xylopiæ aethiopicæ</i> Seeds from Two Countries in West Africa Exhibit Differences in Their Proteomes, Mineral Content and Bioactive Phytochemical Composition. <i>Molecules</i> , 2019, 24, 1979.	3.8	18
30	Serum-plasma matched metabolomics for comprehensive characterization of benign thyroid nodule and papillary thyroid carcinoma. <i>International Journal of Cancer</i> , 2019, 144, 868-876.	5.1	37
31	Trans-omics biomarker model improves prognostic prediction accuracy for early-stage lung adenocarcinoma. <i>Aging</i> , 2019, 11, 6312-6335.	3.1	13
32	Label-free proteomic analysis to characterize ginger from China and Ghana. <i>Food Chemistry</i> , 2018, 249, 1-7.	8.2	28
33	The new plant <i>Parinari kerstingii</i> Engl.: Toxicity studies and anti-inflammatory properties. <i>Journal of Ethnopharmacology</i> , 2018, 220, 26-34.	4.1	4
34	A comparative UPLC-Q/TOF-MS-based metabolomics approach for distinguishing <i>Zingiber officinale</i> Roscoe of two geographical origins. <i>Food Chemistry</i> , 2018, 240, 239-244.	8.2	78
35	Functional Metabolomics Characterizes a Key Role for <i>N</i> -Acetylneuraminic Acid in Coronary Artery Diseases. <i>Circulation</i> , 2018, 137, 1374-1390.	1.6	143
36	Untargeted UPLC-Q/TOF-MS-based metabolomics and inductively coupled plasma optical emission spectroscopic analysis reveal differences in the quality of ginger from two provinces in Zambia. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 1262-1271.	2.4	6

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37	Human plasma metabolomics for identifying differential metabolites and predicting molecular subtypes of breast cancer. <i>Oncotarget</i> , 2016, 7, 9925-9938.	1.8	90
38	A new two-dimensional chromatographic method for separation of saponins from steamed Panax notoginseng. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 125, 355-359.	2.8	12
39	Comprehensive Metabolomic Characterization of Coronary Artery Diseases. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1281-1293.	2.8	186
40	Integrated evaluation of malonyl ginsenosides, amino acids and polysaccharides in fresh and processed ginseng. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 89-97.	2.8	72
41	A standardized notoginseng extract exerts cardioprotection by attenuating apoptosis under endoplasmic reticulum stress conditions. <i>Journal of Functional Foods</i> , 2015, 16, 20-27.	3.4	12