

Raphael N Alolga

List of Publications by Year in descending order

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41
papers

1,149
citations

567281

15
h-index

414414

32
g-index

42
all docs

42
docs citations

42
times ranked

1609
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive Metabolomic Characterization of Coronary Artery Diseases. Journal of the American College of Cardiology, 2016, 68, 1281-1293.	2.8	186
2	Functional Metabolomics Characterizes a Key Role for N-Acetylneuraminic Acid in Coronary Artery Diseases. Circulation, 2018, 137, 1374-1390.	1.6	143
3	Human plasma metabolomics for identifying differential metabolites and predicting molecular subtypes of breast cancer. Oncotarget, 2016, 7, 9925-9938.	1.8	90
4	A comparative UPLC-Q/TOF-MS-based metabolomics approach for distinguishing Zingiber officinale Roscoe of two geographical origins. Food Chemistry, 2018, 240, 239-244.	8.2	78
5	Integrated evaluation of malonyl ginsenosides, amino acids and polysaccharides in fresh and processed ginseng. Journal of Pharmaceutical and Biomedical Analysis, 2015, 107, 89-97.	2.8	72
6	Drying of ginger slices—Evaluation of quality attributes, energy consumption, and kinetics study. Journal of Food Process Engineering, 2020, 43, e13348.	2.9	51
7	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. Pharmacological Research, 2020, 152, 104630.	7.1	49
8	Application of non-thermal pretreatment techniques on agricultural products prior to drying: a review. Journal of the Science of Food and Agriculture, 2020, 100, 2585-2599.	3.5	49
9	Sonication, osmosonation and vacuum-assisted osmosonation pretreatment of Ghanaian garlic slices: Effect on physicochemical properties and quality characteristics. Food Chemistry, 2021, 343, 128535.	8.2	42
10	Integrated metagenomics identifies a crucial role for trimethylamine-producing Lachnospirillum in promoting atherosclerosis. Npj Biofilms and Microbiomes, 2022, 8, 11.	6.4	41
11	Serum-plasma matched metabolomics for comprehensive characterization of benign thyroid nodule and papillary thyroid carcinoma. International Journal of Cancer, 2019, 144, 868-876.	5.1	37
12	Label-free proteomic analysis to characterize ginger from China and Ghana. Food Chemistry, 2018, 249, 1-7.	8.2	28
13	Effects of Various Nonthermal Pretreatments on the Physicochemical Properties of Dried Ginger (<i>Zingiber officinale</i> Roscoe) Slices from Two Geographical Locations. Journal of Food Science, 2019, 84, 2847-2858.	3.1	20
14	Xylopiopsis aethiops Seeds from Two Countries in West Africa Exhibit Differences in Their Proteomes, Mineral Content and Bioactive Phytochemical Composition. Molecules, 2019, 24, 1979.	3.8	18
15	Metabolomic and transcriptomic analyses of the anti-rheumatoid arthritis potential of xylopic acid in a bioinspired lipoprotein nanoformulation. Biomaterials, 2021, 268, 120482.	11.4	18
16	Cerebrospinal fluid-based metabolomics to characterize different types of brain tumors. Journal of Neurology, 2020, 267, 984-993.	3.6	17
17	Functionalization of Nanoparticulate Drug Delivery Systems and Its Influence in Cancer Therapy. Pharmaceutics, 2022, 14, 1113.	4.5	17
18	Integrative omic and transgenic analyses reveal the positive effect of ultraviolet B irradiation on salvianolic acid biosynthesis through upregulation of SmNAC1. Plant Journal, 2020, 104, 781-799.	5.7	14

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19	Jatrorrhizine: a review of its pharmacological effects. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 709-719.	2.4	13
20	Drying techniques affect the quality and essential oil composition of Ghanaian ginger (<i>Zingiber</i>) Tj ETQq0 0 0 rgBT JOverlock 10 Tf 50 70	5.2	13
21	Trans-omics biomarker model improves prognostic prediction accuracy for early-stage lung adenocarcinoma. <i>Aging</i> , 2019, 11, 6312-6335.	3.1	13
22	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
23	A new two-dimensional chromatographic method for separation of saponins from steamed <i>Panax notoginseng</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 125, 355-359.	2.8	12
24	GC-MS-based metabolomics, antibacterial and anti-inflammatory investigations to characterize the quality of essential oil obtained from dried <i>Xylopia aethiopica</i> fruits from Ghana and Nigeria. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1544-1552.	2.4	12
25	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
26	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
27	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
28	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
29	<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
30	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
31	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
32	Advanced paternal age and risk of cancer in offspring. <i>Aging</i> , 2021, 13, 3712-3725.	3.1	7
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	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
41	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