

Ahmad Faizal Abdull Razis

List of Publications by Year in descending order

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77
papers

2,345
citations

201385

27
h-index

243296

44
g-index

86
all docs

86
docs citations

86
times ranked

2626
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur compounds. , 2022, , 211-222.		0
2	Bioaccessibility of Polycyclic Aromatic Hydrocarbons (PAHs) in Grilled Meat: The Effects of Meat Doneness and Fat Content. International Journal of Environmental Research and Public Health, 2022, 19, 736.	1.2	15
3	Quantitative Analysis and Human Health Risk Assessment of Heavy Metals in Paddy Plants Collected from Perak, Malaysia. International Journal of Environmental Research and Public Health, 2022, 19, 731.	1.2	5
4	Heavy Metal Contamination in <i>Oryza sativa</i> L. at the Eastern Region of Malaysia and Its Risk Assessment. International Journal of Environmental Research and Public Health, 2022, 19, 739.	1.2	24
5	Beneficial Health Effects of Glucosinolates-Derived Isothiocyanates on Cardiovascular and Neurodegenerative Diseases. Molecules, 2022, 27, 624.	1.7	32
6	Three-dimension Glyceraldehyde-3-Phosphate Dehydrogenase protein structure of substitution and insertion sequences of GAPDH gene of chicken drumstick meat (<i>Gallus gallus</i>). Journal of Biological Researches, 2022, 27, 105-109.	0.0	1
7	Polystyrene microplastics induce gut microbiome and metabolome changes in Javanese medaka fish (<i>Oryzias javanicus</i> Bleeker, 1854). Toxicology Reports, 2022, 9, 1369-1379.	1.6	10
8	The Burden of Microplastics Pollution and Contending Policies and Regulations. International Journal of Environmental Research and Public Health, 2022, 19, 6773.	1.2	23
9	Theragnostic Applications of Mammal and Plant-Derived Extracellular Vesicles: Latest Findings, Current Technologies, and Prospects. Molecules, 2022, 27, 3941.	1.7	8
10	Association between dietary intake and risk of ovarian cancer: a systematic review and meta-analysis. European Journal of Nutrition, 2021, 60, 1707-1736.	1.8	28
11	Evaluation of Heavy Metal Contamination in Paddy Plants at the Northern Region of Malaysia Using ICPMS and Its Risk Assessment. Plants, 2021, 10, 3.	1.6	25
12	Patulin Contamination of Citrus Fruits from Punjab and Northern Pakistan and Estimation of Associated Dietary Intake. International Journal of Environmental Research and Public Health, 2021, 18, 2270.	1.2	9
13	Molecular Regulation of Lipogenesis, Adipogenesis and Fat Deposition in Chicken. Genes, 2021, 12, 414.	1.0	44
14	Variation of Deoxynivalenol Levels in Corn and Its Products Available in Retail Markets of Punjab, Pakistan, and Estimation of Risk Assessment. Toxins, 2021, 13, 296.	1.5	8
15	<i>Nigella</i> Plants " Traditional Uses, Bioactive Phytoconstituents, Preclinical and Clinical Studies. Frontiers in Pharmacology, 2021, 12, 625386.	1.6	37
16	Understanding Potential Heavy Metal Contamination, Absorption, Translocation and Accumulation in Rice and Human Health Risks. Plants, 2021, 10, 1070.	1.6	70
17	Three Selected Edible Crops of the Genus <i>Momordica</i> as Potential Sources of Phytochemicals: Biochemical, Nutritional, and Medicinal Values. Frontiers in Pharmacology, 2021, 12, 625546.	1.6	16
18	Occurrence of Aflatoxins in Edible Vegetable Seeds and Oil Samples Available in Pakistani Retail Markets and Estimation of Dietary Intake in Consumers. International Journal of Environmental Research and Public Health, 2021, 18, 8015.	1.2	13

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19	Glycyrrhiza Genus: Enlightening Phytochemical Components for Pharmacological and Health-Promoting Abilities. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-20.	1.9	35
20	Chicken Authentication and Discrimination via Live Weight, Body Size, Carcass Traits, and Breast Muscle Fat Content Clustering as Affected by Breed and Sex Varieties in Malaysia. <i>Foods</i> , 2021, 10, 1575.	1.9	8
21	Genistein: An Integrative Overview of Its Mode of Action, Pharmacological Properties, and Health Benefits. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-36.	1.9	104
22	Effects of nerol on paracetamol-induced liver damage in Wistar albino rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111732.	2.5	23
23	Polystyrene Microplastics Exposure: An Insight into Multiple Organ Histological Alterations, Oxidative Stress and Neurotoxicity in Javanese Medaka Fish (<i>Oryzias javanicus</i> Bleeker, 1854). <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9449.	1.2	30
24	Antiviral activity of fermented foods and their probiotics bacteria towards respiratory and alimentary tracts viruses. <i>Food Control</i> , 2021, 127, 108140.	2.8	40
25	Resveratrol-Based Nanoformulations as an Emerging Therapeutic Strategy for Cancer. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 649395.	1.6	34
26	In Vivo Toxicity Evaluation of Sugar Adulterated <i>Heterotrigma itama</i> Honey Using Zebrafish Model. <i>Molecules</i> , 2021, 26, 6222.	1.7	4
27	Omics-Based Analytical Approaches for Assessing Chicken Species and Breeds in Food Authentication. <i>Molecules</i> , 2021, 26, 6502.	1.7	13
28	Assessment of Deoxynivalenol in Wheat, Corn and Its Products and Estimation of Dietary Intake. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5602.	1.2	22
29	The Toxic Impact of Honey Adulteration: A Review. <i>Foods</i> , 2020, 9, 1538.	1.9	85
30	Therapeutic promises of ginkgolide A: A literature-based review. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110908.	2.5	33
31	Neuroprotective Effects of 7-Geranyloxycinnamic Acid from <i>Melicope lunu ankenda</i> Leaves. <i>Molecules</i> , 2020, 25, 3724.	1.7	3
32	Seasonal Variation in Aflatoxin Levels in Edible Seeds, Estimation of Its Dietary Intake and Vitamin E Levels in Southern Areas of Punjab, Pakistan. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8964.	1.2	7
33	Hypocholesterolaemic and Anti-Atherogenic Effects of Palm-Based Oils (NoveLin I and NoveLin II) in Cholesterol-Fed Rabbits. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3226.	1.2	1
34	Induction of Apoptosis by Gluconasturtiin-Isothiocyanate (GNST-ITC) in Human Hepatocarcinoma HepG2 Cells and Human Breast Adenocarcinoma MCF-7 Cells. <i>Molecules</i> , 2020, 25, 1240.	1.7	11
35	Anti-diarrheal activities of phytol along with its possible mechanism of action through in-vivo and in-silico models. <i>Cellular and Molecular Biology</i> , 2020, 66, 243-249.	0.3	4
36	Microplastics Pollution as an Invisible Potential Threat to Food Safety and Security, Policy Challenges and the Way Forward. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9591.	1.2	41

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37	Anti-diarrheal activities of phytol along with its possible mechanism of action through in-vivo and in-silico models. Cellular and Molecular Biology, 2020, 66, 243-249.	0.3	3
38	Neuroprotective Potential of Secondary Metabolites from Melicope lunu-ankenda (Rutaceae). Molecules, 2019, 24, 3109.	1.7	11
39	Prospective role of mitochondrial apoptotic pathway in mediating GMG-ITC to reduce cytotoxicity in H2O2-induced oxidative stress in differentiated SH-SY5Y cells. Biomedicine and Pharmacotherapy, 2019, 119, 109445.	2.5	15
40	Neuroprotective effects of glucomoringin-isothiocyanate against H2O2-Induced cytotoxicity in neuroblastoma (SH-SY5Y) cells. NeuroToxicology, 2019, 75, 89-104.	1.4	16
41	Heavy Metal in Paddy Soil and its Bioavailability in Rice Using In Vitro Digestion Model for Health Risk Assessment. International Journal of Environmental Research and Public Health, 2019, 16, 4769.	1.2	14
42	Antidesma montanum: Biochemistry and Bioactive Compounds. , 2019, , 359-365.		1
43	Isothiocyanates and Xenobiotic Detoxification. Molecular Nutrition and Food Research, 2018, 62, e1700916.	1.5	19
44	Effects of gamma irradiation on tropomyosin allergen, proximate composition and mineral elements in giant freshwater prawn (Macrobrachium rosenbergii). Journal of Food Science and Technology, 2018, 55, 1960-1965.	1.4	9
45	Induction of Apoptosis and Cytotoxicity by Raphasatin in Human Breast Adenocarcinoma MCF-7 Cells. Molecules, 2018, 23, 3092.	1.7	12
46	Nontoxic Glucomoringin-Isothiocyanate (GMG-ITC) Rich Soluble Extract Induces Apoptosis and Inhibits Proliferation of Human Prostate Adenocarcinoma Cells (PC-3). Nutrients, 2018, 10, 1174.	1.7	17
47	Effect of Consumption Heated Oils with or without Dietary Cholesterol on the Development of Atherosclerosis. Nutrients, 2018, 10, 1527.	1.7	8
48	Phytochemical Constituents and Biological Activities of Melicope lunu-ankenda. Molecules, 2018, 23, 2708.	1.7	12
49	Comparative Analysis of Chemical Composition, Antioxidant Activity and Quantitative Characterization of Some Phenolic Compounds in Selected Herbs and Spices in Different Solvent Extraction Systems. Molecules, 2018, 23, 402.	1.7	122
50	Protective Effect of Glucosinolates Hydrolytic Products in Neurodegenerative Diseases (NDDs). Nutrients, 2018, 10, 580.	1.7	38
51	Induction of Apoptosis and Cytotoxicity by Isothiocyanate Sulforaphene in Human Hepatocarcinoma HepG2 Cells. Nutrients, 2018, 10, 718.	1.7	58
52	Antioxidant effect, glucose uptake activity in cell lines and cytotoxic potential of Melicope lunu-ankenda leaf extract. Journal of Herbal Medicine, 2018, 14, 55-60.	1.0	5
53	Isothiocyanate from Moringa oleifera seeds mitigates hydrogen peroxide-induced cytotoxicity and preserved morphological features of human neuronal cells. PLoS ONE, 2018, 13, e0196403.	1.1	39
54	Inhibitory effect of mixture herbs/spices on formation of heterocyclic amines and mutagenic activity of grilled beef. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 1911-1927.	1.1	32

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55	Apoptosis as a Mechanism of the Cancer Chemopreventive Activity of Glucosinolates: a Review. Asian Pacific Journal of Cancer Prevention, 2018, 19, 1439-1448.	0.5	29
56	Comparative analysis of antioxidant and antiproliferative activities of <i>Rhodomyrtus tomentosa</i> extracts prepared with various solvents. Food and Chemical Toxicology, 2017, 108, 451-457.	1.8	27
57	Potent Antidiabetic Activity and Metabolite Profiling of <i>Melicope Lunu</i> Leaves. Journal of Food Science, 2016, 81, C1080-90.	1.5	22
58	Polycyclic Aromatic Hydrocarbons (PAHs) and their Bioaccessibility in Meat: a Tool for Assessing Human Cancer Risk. Asian Pacific Journal of Cancer Prevention, 2016, 17, 15-23.	0.5	50
59	<i>Moringa oleifera</i> Lam: Targeting Chemoprevention. Asian Pacific Journal of Cancer Prevention, 2016, 17, 3675-86.	0.5	25
60	Aflatoxin M1 in milk and dairy products, occurrence and recent challenges: A review. Trends in Food Science and Technology, 2015, 46, 110-119.	7.8	183
61	Naturally-Occurring Glucosinolates, Glucoraphanin and Glucoerucin, are Antagonists to Aryl Hydrocarbon Receptor as Their Chemopreventive Potency. Asian Pacific Journal of Cancer Prevention, 2015, 16, 5801-5805.	0.5	10
62	Inhibitory effect of Phenethyl Isothiocyanate Against Benzo[a] Pyrene-Induced Rise in CYP1A1 mRNA and Apoprotein Levels as its Chemopreventive Properties. Asian Pacific Journal of Cancer Prevention, 2015, 16, 2679-2683.	0.5	5
63	Induction of Epoxide Hydrolase, Glucuronosyl Transferase, and Sulfotransferase by Phenethyl Isothiocyanate in Male Wistar Albino Rats. BioMed Research International, 2014, 2014, 1-5.	0.9	13
64	Health Benefits of <i>Moringa oleifera</i> . Asian Pacific Journal of Cancer Prevention, 2014, 15, 8571-8576.	0.5	237
65	A glucosinolate-rich extract of Japanese Daikon perturbs carcinogen-metabolizing enzyme systems in rat, being a potent inducer of hepatic glutathione S-transferase. European Journal of Nutrition, 2013, 52, 1279-1285.	1.8	10
66	Cruciferous Vegetables: Dietary Phytochemicals for Cancer Prevention. Asian Pacific Journal of Cancer Prevention, 2013, 14, 1565-1570.	0.5	117
67	Sulforaphane is Superior to Glucoraphanin in Modulating Carcinogen-Metabolising Enzymes in Hep G2 Cells. Asian Pacific Journal of Cancer Prevention, 2013, 14, 4235-4238.	0.5	18
68	The naturally occurring aliphatic isothiocyanates sulforaphane and erucin are weak agonists but potent non-competitive antagonists of the aryl hydrocarbon receptor. Archives of Toxicology, 2012, 86, 1505-1514.	1.9	9
69	Characterization of the Temporal Induction of Hepatic Xenobiotic-Metabolizing Enzymes by Glucosinolates and Isothiocyanates: Requirement for at Least a 6 h Exposure To Elicit Complete Induction Profile. Journal of Agricultural and Food Chemistry, 2012, 60, 5556-5564.	2.4	7
70	Phenethyl isothiocyanate, a naturally occurring phytochemical, is an antagonist of the aryl hydrocarbon receptor. Molecular Nutrition and Food Research, 2012, 56, 425-434.	1.5	6
71	4-Methylsulfanyl-3-butenyl isothiocyanate derived from glucoraphasatin is a potent inducer of rat hepatic phase II enzymes and a potential chemopreventive agent. Archives of Toxicology, 2012, 86, 183-194.	1.9	44
72	Up-regulation of cytochrome P450 and phase II enzyme systems in rat precision-cut rat lung slices by the intact glucosinolates, glucoraphanin and glucoerucin. Lung Cancer, 2011, 71, 298-305.	0.9	50

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73	Induction of epoxide hydrolase and glucuronosyl transferase by isothiocyanates and intact glucosinolates in precision-cut rat liver slices: importance of side-chain substituent and chirality. Archives of Toxicology, 2011, 85, 919-927.	1.9	34
74	The natural chemopreventive phytochemical <i>R</i> -sulforaphane is a far more potent inducer of the carcinogen-detoxifying enzyme systems in rat liver and lung than the <i>S</i> -isomer. International Journal of Cancer, 2011, 128, 2775-2782.	2.3	56
75	Intact glucosinolates modulate hepatic cytochrome P450 and phase II conjugation activities and may contribute directly to the chemopreventive activity of cruciferous vegetables. Toxicology, 2010, 277, 74-85.	2.0	55
76	Expression of Recombinant Human Epidermal Growth Factor in Escherichia coli and Characterization of its Biological Activity. Applied Biochemistry and Biotechnology, 2008, 144, 249-261.	1.4	28
77	Assessment of patulin in different cultivars of apples, juices, and distribution in decay portion. International Journal of Environmental Analytical Chemistry, 0, , 1-11.	1.8	2