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	Health Benefits of Moringa oleifera. Asian Pacific Journal of Cancer Prevention, 2014, 15, 8571-8576.	0.5	237
2	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
3	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
4	Cruciferous Vegetables: Dietary Phytochemicals for Cancer Prevention. Asian Pacific Journal of Cancer Prevention, 2013, 14, 1565-1570.	0.5	117
5	Genistein: An Integrative Overview of Its Mode of Action, Pharmacological Properties, and Health Benefits. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-36.	1.9	104
6	The Toxic Impact of Honey Adulteration: A Review. Foods, 2020, 9, 1538.	1.9	85
7	Understanding Potential Heavy Metal Contamination, Absorption, Translocation and Accumulation in Rice and Human Health Risks. Plants, 2021, 10, 1070.	1.6	70
8	Induction of Apoptosis and Cytotoxicity by Isothiocyanate Sulforaphene in Human Hepatocarcinoma HepG2 Cells. Nutrients, 2018, 10, 718.	1.7	58
9	The natural chemopreventive phytochemical Râ€sulforaphane is a far more potent inducer of the carcinogenâ€detoxifying enzyme systems in rat liver and lung than the Sâ€isomer. International Journal of Cancer, 2011, 128, 2775-2782.	2.3	56
10	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
11	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
12	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
13	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
14	Molecular Regulation of Lipogenesis, Adipogenesis and Fat Deposition in Chicken. Genes, 2021, 12, 414.	1.0	44
15	Microplastics Pollution as an Invisible Potential Threat to Food Safety and Security, Policy Challenges and the Way Forward. International Journal of Environmental Research and Public Health, 2020, 17, 9591.	1.2	41
16	Antiviral activity of fermented foods and their probiotics bacteria towards respiratory and alimentary tracts viruses. Food Control, 2021, 127, 108140.	2.8	40
17	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
18	Protective Effect of Glucosinolates Hydrolytic Products in Neurodegenerative Diseases (NDDs). Nutrients, 2018, 10, 580.	1.7	38

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19	Nigella Plants â€“ Traditional Uses, Bioactive Phytoconstituents, Preclinical and Clinical Studies. Frontiers in Pharmacology, 2021, 12, 625386.	1.6	37
20	Glycyrrhiza Genus: Enlightening Phytochemical Components for Pharmacological and Health-Promoting Abilities. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-20.	1.9	35
21	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
22	Resveratrol-Based Nanoformulations as an Emerging Therapeutic Strategy for Cancer. Frontiers in Molecular Biosciences, 2021, 8, 649395.	1.6	34
23	Therapeutic promises of ginkgolide A: A literature-based review. Biomedicine and Pharmacotherapy, 2020, 132, 110908.	2.5	33
24	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
25	Beneficial Health Effects of Glucosinolates-Derived Isothiocyanates on Cardiovascular and Neurodegenerative Diseases. Molecules, 2022, 27, 624.	1.7	32
26	Polystyrene Microplastics Exposure: An Insight into Multiple Organ Histological Alterations, Oxidative Stress and Neurotoxicity in Javanese Medaka Fish (Oryzias javanicus Bleeker, 1854). International Journal of Environmental Research and Public Health, 2021, 18, 9449.	1.2	30
27	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
28	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
29	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
30	Comparative analysis of antioxidant and antiproliferative activities of Rhodomyrtus tomentosa extracts prepared with various solvents. Food and Chemical Toxicology, 2017, 108, 451-457.	1.8	27
31	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
32	Moringa oleifera Lam: Targeting Chemoprevention. Asian Pacific Journal of Cancer Prevention, 2016, 17, 3675-86.	0.5	25
33	Heavy Metal Contamination in Oryza sativa 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
34	Effects of nerol on paracetamol-induced liver damage in Wistar albino rats. Biomedicine and Pharmacotherapy, 2021, 140, 111732.	2.5	23
35	The Burden of Microplastics Pollution and Contending Policies and Regulations. International Journal of Environmental Research and Public Health, 2022, 19, 6773.	1.2	23
36	Potent Antidiabetic Activity and Metabolite Profiling of Melicope Lunuâ€ankenda Leaves. Journal of Food Science, 2016, 81, C1080-90.	1.5	22

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37	Assessment of Deoxynivalenol in Wheat, Corn and Its Products and Estimation of Dietary Intake. International Journal of Environmental Research and Public Health, 2020, 17, 5602.	1.2	22
38	Isothiocyanates and Xenobiotic Detoxification. Molecular Nutrition and Food Research, 2018, 62, e1700916.	1.5	19
39	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
40	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
41	Neuroprotective effects of glucomoringin-isothiocyanate against H2O2-Induced cytotoxicity in neuroblastoma (SH-SY5Y) cells. NeuroToxicology, 2019, 75, 89-104.	1.4	16
42	Three Selected Edible Crops of the Genus Momordica as Potential Sources of Phytochemicals: Biochemical, Nutritional, and Medicinal Values. Frontiers in Pharmacology, 2021, 12, 625546.	1.6	16
43	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
44	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
45	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
46	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
47	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
48	Omics-Based Analytical Approaches for Assessing Chicken Species and Breeds in Food Authentication. Molecules, 2021, 26, 6502.	1.7	13
49	Induction of Apoptosis and Cytotoxicity by Raphasatin in Human Breast Adenocarcinoma MCF-7 Cells. Molecules, 2018, 23, 3092.	1.7	12
50	Phytochemical Constituents and Biological Activities of Melicope lunu-ankenda. Molecules, 2018, 23, 2708.	1.7	12
51	Neuroprotective Potential of Secondary Metabolites from Melicope lunu-ankenda (Rutaceae). Molecules, 2019, 24, 3109.	1.7	11
52	Induction of Apoptosis by Gluconasturtiin-Isothiocyanate (GNST-ITC) in Human Hepatocarcinoma HepG2 Cells and Human Breast Adenocarcinoma MCF-7 Cells. Molecules, 2020, 25, 1240.	1.7	11
53	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
54	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

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55	Polystyrene microplastics induce gut microbiome and metabolome changes in Javanese medaka fish (Oryzias javanicus Bleeker, 1854). Toxicology Reports, 2022, 9, 1369-1379.	1.6	10
56	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
57	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
58	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
59	Effect of Consumption Heated Oils with or without Dietary Cholesterol on the Development of Atherosclerosis. Nutrients, 2018, 10, 1527.	1.7	8
60	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
61	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. Foods, 2021, 10, 1575.	1.9	8
62	Theragnostic Applications of Mammal and Plant-Derived Extracellular Vesicles: Latest Findings, Current Technologies, and Prospects. Molecules, 2022, 27, 3941.	1.7	8
63	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
64	Seasonal Variation in Aflatoxin Levels in Edible Seeds, Estimation of Its Dietary Intake and Vitamin E Levels in Southern Areas of Punjab, Pakistan. International Journal of Environmental Research and Public Health, 2020, 17, 8964.	1.2	7
65	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
66	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
67	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
68	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
69	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	4
70	In Vivo Toxicity Evaluation of Sugar Adulterated Heterotrigona itama Honey Using Zebrafish Model. Molecules, 2021, 26, 6222.	1.7	4
71	Neuroprotective Effects of 7-Geranyloxycinnamic Acid from Melicope lunu ankenda Leaves. Molecules, 2020, 25, 3724.	1.7	3
72	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

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73	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
74	Hypocholesterolaemic and Anti-Atherogenic Effects of Palm-Based Oils (NoveLin I and NoveLin II) in Cholesterol-Fed Rabbits. International Journal of Environmental Research and Public Health, 2020, 17, 3226.	1.2	1
75	Antidesma montanum: Biochemistry and Bioactive Compounds. , 2019, , 359-365.		1
76	Three-dimension Glyceraldehyde-3-Phosphate Dehydrogenase protein structure of substitution and insertion sequences of GAPDH gene of chicken drumstick meat (Gallus gallus). Journal of Biological Researches, 2022, 27, 105-109.	0.0	1
77	Sulfur compounds. , 2022, , 211-222.		0