

Azrina Azlan

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

3,791
citations

218381

26
h-index

133063

59
g-index

83
all docs

83
docs citations

83
times ranked

5332
citing authors

#	ARTICLE	IF	CITATIONS
1	Anthocyanidins and anthocyanins: colored pigments as food, pharmaceutical ingredients, and the potential health benefits. <i>Food and Nutrition Research</i> , 2017, 61, 1361779.	1.2	1,600
2	Antioxidant capacity and total phenolic content of Malaysian underutilized fruits. <i>Journal of Food Composition and Analysis</i> , 2009, 22, 388-393.	1.9	190
3	Response surface optimisation for the extraction of phenolic compounds and antioxidant capacities of underutilised <i>Mangifera pajang</i> Kosterm. peels. <i>Food Chemistry</i> , 2011, 128, 1121-1127.	4.2	145
4	Saffron: A Natural Potent Antioxidant as a Promising Anti-Obesity Drug. <i>Antioxidants</i> , 2013, 2, 293-308.	2.2	113
5	Phenolic composition, antioxidant, anti-wrinkles and tyrosinase inhibitory activities of cocoa pod extract. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 381.	3.7	113
6	Comparison of fatty acids, vitamin E and physicochemical properties of <i>Canarium odontophyllum</i> Miq. (dabai), olive and palm oils. <i>Journal of Food Composition and Analysis</i> , 2010, 23, 772-776.	1.9	88
7	Effects of saffron extract and crocin on anthropometrical, nutritional and lipid profile parameters of rats fed a high fat diet. <i>Journal of Functional Foods</i> , 2014, 8, 180-187.	1.6	80
8	Characterisation of fibre-rich powder and antioxidant capacity of <i>Mangifera pajang</i> K. fruit peels. <i>Food Chemistry</i> , 2011, 126, 283-288.	4.2	74
9	Therapeutic effects of vinegar: a review. <i>Current Opinion in Food Science</i> , 2016, 8, 56-61.	4.1	70
10	Antioxidant activity of white rice, brown rice and germinated brown rice (in vivo and in vitro) and the effects on lipid peroxidation and liver enzymes in hyperlipidaemic rabbits. <i>Food Chemistry</i> , 2013, 141, 1306-1312.	4.2	65
11	Antioxidant Capacities of Peel, Pulp, and Seed Fractions of <i>Canarium odontophyllum</i> Miq. Fruit. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-8.	3.0	57
12	Antioxidant capacity of underutilized Malaysian <i>Canarium odontophyllum</i> (dabai) Miq. fruit. <i>Journal of Food Composition and Analysis</i> , 2010, 23, 777-781.	1.9	56
13	Antiobesity effect of <i>Tamarindus indica</i> L. pulp aqueous extract in high-fat diet-induced obese rats. <i>Journal of Natural Medicines</i> , 2012, 66, 333-342.	1.1	55
14	Fruit Pod Extracts as a Source of Nutraceuticals and Pharmaceuticals. <i>Molecules</i> , 2012, 17, 11931-11946.	1.7	50
15	Daidzein and genestein contents in tempeh and selected soy products. <i>Food Chemistry</i> , 2009, 115, 1350-1356.	4.2	49
16	Carotenoids and antioxidant capacities from <i>Canarium odontophyllum</i> Miq. fruit. <i>Food Chemistry</i> , 2011, 124, 1549-1555.	4.2	49
17	Protective effects of saffron extract and crocin supplementation on fatty liver tissue of high-fat diet-induced obese rats. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 401.	3.7	46
18	Antioxidant and anticancer activities of enzymatic eel (<i>monopterus</i> sp) protein hydrolysate as influenced by different molecular weight. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 16, 10-16.	1.5	44

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19	Antioxidant, Anti-Obesity, Nutritional and Other Beneficial Effects of Different Chili Pepper: A Review. <i>Molecules</i> , 2022, 27, 898.	1.7	44
20	Evaluation of Minerals Content of Drinking Water in Malaysia. <i>Scientific World Journal</i> , The, 2012, 2012, 1-10.	0.8	43
21	Phytochemicals and Medicinal Properties of Indigenous Tropical Fruits with Potential for Commercial Development. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-20.	0.5	43
22	Quantitative Determination of Fatty Acids in Marine Fish and Shellfish from Warm Water of Straits of Malacca for Nutraceutical Purposes. <i>BioMed Research International</i> , 2013, 2013, 1-12.	0.9	39
23	Lipid Lowering Effect of Antioxidant Alpha-Lipoic Acid in Experimental Atherosclerosis. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2008, 43, 88-94.	0.6	36
24	Identification and Quantification of Phenolic Compounds in Bambangang (<i>Mangifera pajang</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2011, 59, 9102-9111.	2.4	36
25	Improving the Lipid Profile in Hypercholesterolemia-Induced Rabbit by Supplementation of Germinated Brown Rice. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7985-7991.	2.4	35
26	Nutritional Composition and in vitro Evaluation of the Antioxidant Properties of Various Dates Extracts (<i>Phoenix dactylifera</i> L.) from Libya. <i>Asian Journal of Clinical Nutrition</i> , 2010, 2, 208-214.	0.3	31
27	Antioxidant Properties of Fresh and Frozen Peels of Citrus Species. <i>Current Research in Nutrition and Food Science</i> , 2019, 7, 331-339.	0.3	28
28	TaqMan probe based multiplex quantitative PCR assay for determination of bovine, porcine and fish DNA in gelatin admixture, food products and dietary supplements. <i>Food Chemistry</i> , 2020, 325, 126756.	4.2	26
29	The trans fatty acid content in human milk and its association with maternal diet among lactating mothers in Malaysia. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2013, 22, 431-42.	0.3	26
30	Determination and Optimization of Flavonoid and Extract Yield from Brown Mango using Response Surface Methodology. <i>Separation Science and Technology</i> , 2012, 47, 73-80.	1.3	23
31	Nutritional compositions and bioactivities of <i>Dacryodes</i> species: A review. <i>Food Chemistry</i> , 2014, 165, 247-255.	4.2	23
32	Influence of Different Extraction Media on Phenolic Contents and Antioxidant Capacity of Defatted Dabai (<i>Canarium odontophyllum</i>) Fruit. <i>Food Analytical Methods</i> , 2012, 5, 339-350.	1.3	22
33	Nutritional composition and angiotensin converting enzyme inhibitory activity of blue lupin (<i>Lupinus</i>) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50	2.0	22
34	Protective Effect of Pulp Oil Extracted from <i>Canarium odontophyllum</i> Miq. Fruit on Blood Lipids, Lipid Peroxidation, and Antioxidant Status in Healthy Rabbits. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-9.	1.9	21
35	Antioxidative Properties of Defatted Dabai Pulp and Peel Prepared by Solid Phase Extraction. <i>Molecules</i> , 2012, 17, 9754-9773.	1.7	20
36	Efficacy of cocoa pod extract as antiwrinkle gel on human skin surface. <i>Journal of Cosmetic Dermatology</i> , 2016, 15, 283-295.	0.8	18

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37	Antioxidant activity, nutritional and physicochemical characteristics, and toxicity of minimally refined brown sugar and other sugars. <i>Food Science and Nutrition</i> , 2020, 8, 5048-5062.	1.5	18
38	Inhibition of Oxidative Stress and Lipid Peroxidation by Anthocyanins from Defatted <i>Canarium odontophyllum</i> Pericarp and Peel Using In Vitro Bioassays. <i>PLoS ONE</i> , 2014, 9, e81447.	1.1	16
39	Antiatherosclerotic Effect of <i>Canarium odontophyllum</i> Miq. Fruit Parts in Rabbits Fed High Cholesterol Diet. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-10.	0.5	15
40	Antioxidative and Cardioprotective Properties of Anthocyanins from Defatted Dabai Extracts. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-13.	0.5	13
41	Effect of dabai (<i>Canarium odontophyllum</i>) fruit extract on biochemical parameters of induced obese diabetic rats. <i>Journal of Functional Foods</i> , 2014, 8, 139-149.	1.6	13
42	Hypocholesterolemic and Antiatherosclerotic Potential of <i>Basella alba</i> Leaf Extract in Hypercholesterolemia-Induced Rabbits. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-7.	0.5	13
43	Non-Centrifugal Sugar (NCS) and Health: A Review on Functional Components and Health Benefits. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 460.	1.3	13
44	Apparent bioavailability of isoflavones in urinary excretions of postmenopausal Malay women consuming tempeh compared with milk. <i>International Journal of Food Sciences and Nutrition</i> , 2011, 62, 642-650.	1.3	12
45	<i>Sauropus androgynus</i> Leaves for Health Benefits: Hype and the Science. <i>Natural Products Journal</i> , 2015, 5, 115-123.	0.1	11
46	Comparison of antioxidants content and activity of <i>Nephelium mutabile</i> rind extracted using ethanol and water. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 1958-1963.	1.6	11
47	Method Development and Validation for Omega-3 Fatty Acids (DHA and EPA) in Fish Using Gas Chromatography with Flame Ionization Detection (GC-FID). <i>Molecules</i> , 2021, 26, 6592.	1.7	11
48	Influence of drying treatments on antioxidant capacity of forage legume leaves. <i>Journal of Food Science and Technology</i> , 2014, 51, 988-993.	1.4	10
49	Comparison of nutrient composition of ripe and unripe fruits of <i>Nypa fruticans</i> . <i>Fruits</i> , 2013, 68, 491-498.	0.3	9
50	Effect of Defatted Dabai Pulp Extract in Urine Metabolomics of Hypercholesterolemic Rats. <i>Nutrients</i> , 2020, 12, 3511.	1.7	9
51	Antioxidant and anti-obesity properties of local chilies varieties in Malaysia. <i>Journal of Food Science and Technology</i> , 2020, 57, 3677-3687.	1.4	9
52	In Vitro Anti-Diabetic Activities and UHPLC-ESI-MS/MS Profile of <i>Muntingia calabura</i> Leaves Extract. <i>Molecules</i> , 2022, 27, 287.	1.7	9
53	Fatty acid profiles and antioxidant properties of dabai oil. <i>ScienceAsia</i> , 2017, 43, 347.	0.2	8
54	Antioxidant Activities and Total Phenolic Content in Germinated and Non-Germinated Legume Extracts Following Alkaline-Acid Hydrolysis. <i>Pakistan Journal of Nutrition</i> , 2013, 12, 1036-1041.	0.2	8

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55	Valorization of <i>Dacryodes rostrata</i> fruit through the characterization of its oil. <i>Food Chemistry</i> , 2017, 235, 257-264.	4.2	7
56	Fatty Acid Profile, Phytochemicals, and Other Substances in <i>Canarium odontophyllum</i> Fat Extracted Using Supercritical Carbon Dioxide. <i>Frontiers in Chemistry</i> , 2019, 7, 5.	1.8	7
57	Metabolite variations and antioxidant activity of <i>Muntingia calabura</i> leaves in response to different drying methods and ethanol ratios elucidated by NMR-based metabolomics. <i>Phytochemical Analysis</i> , 2021, 32, 69-83.	1.2	7
58	Cholesterol-lowering and Artherosclerosis Inhibitory Effect of Sibu Olive in Cholesterol Fed-rabbit. <i>Asian Journal of Biochemistry</i> , 2012, 7, 80-89.	0.5	7
59	Satiety, glycemic profiles, total antioxidant capacity, and postprandial glycemic responses to different sugars in healthy Malaysian adults. <i>Nutrition</i> , 2022, 97, 111551.	1.1	7
60	Effects of <i>Mangifera pajang</i> Kostermans juice on plasma antioxidant status and liver and kidney function in normocholesterolemic subjects. <i>Journal of Functional Foods</i> , 2013, 5, 1900-1908.	1.6	6
61	Metabolomic analysis reveals the valuable bioactive compounds of <i>Ardisia elliptica</i> . <i>Phytochemical Analysis</i> , 2021, 32, 685-697.	1.2	6
62	Ramadan-focused nutrition therapy for people with diabetes: A narrative review. <i>Diabetes Research and Clinical Practice</i> , 2021, 172, 108530.	1.1	6
63	Beneficial Effect of Supercritical Carbon Dioxide Extracted (SC-CO ₂) Dabai (<i>Canarium odontophyllum</i>) Pulp Oil in Hypercholesterolemia-Induced SPF Sprague-Dawley Rats. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801301.	0.2	5
64	Hepatoprotective Effect of Supercritical Carbon Dioxide Extracted Dabai Pulp Oil and Its Defatted Pulp. <i>Molecules</i> , 2021, 26, 671.	1.7	5
65	Nutritional Composition and Role of Non-centrifugal Sugar (NCS) in Human Health. <i>Current Nutrition and Food Science</i> , 2021, 17, 249-257.	0.3	5
66	Application of quantitative spectral deconvolution 1H NMR (qsd-NMR) in the simultaneous quantitative determination of creatinine and metformin in human urine. <i>Analytical Methods</i> , 2019, 11, 5487-5499.	1.3	4
67	Nutritional quality and sensory evaluation of dabai-fortified cocoa bar. <i>International Journal of Food Properties</i> , 2020, 23, 1324-1336.	1.3	4
68	PCDD and PCDF exposures among fishing community through intake of fish and shellfish from the Straits of Malacca. <i>BMC Public Health</i> , 2015, 15, 683.	1.2	3
69	Effect of Saffron Extract and Crocin in Serum Metabolites of Induced Obesity Rats. <i>BioMed Research International</i> , 2020, 2020, 1-15.	0.9	3
70	Functional food mixtures: Inhibition of lipid peroxidation, HMGCoA reductase, and ACAT2 in hypercholesterolemia-induced rats. <i>Food Science and Nutrition</i> , 2021, 9, 875-887.	1.5	3
71	Quality of Dabai Pulp Oil Extracted by Supercritical Carbon Dioxide and Supplementation in Hypercholesterolemic Rats: A New Alternative Fat. <i>Foods</i> , 2021, 10, 262.	1.9	3
72	Effectiveness of education intervention to reduce sugar-sweetened beverages and 100% fruit juice in children and adolescents: a scoping review. <i>Expert Review of Endocrinology and Metabolism</i> , 2022, 17, 179-200.	1.2	3

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73	Correlation between Levels of Vitamins D3 and E in Type 2 Diabetes Mellitus: A Case-Control Study in Serdang, Selangor, Malaysia. <i>Nutrients</i> , 2021, 13, 2288.	1.7	2
74	The Changes in Endogenous Metabolites in Hyperlipidemic Rats Treated with Herbal Mixture Containing Lemon, Apple Cider, Garlic, Ginger, and Honey. <i>Nutrients</i> , 2021, 13, 3573.	1.7	2
75	Short-Term Intake of Yellowstripe Scad versus Salmon Did Not Induce Similar Effects on Lipid Profile and Inflammatory Markers among Healthy Overweight Adults despite Their Comparable EPA+DHA Content. <i>Nutrients</i> , 2021, 13, 3524.	1.7	2
76	Evaluation of Brans of Different Rice Varieties for their Antioxidative and Antihyperglycemic Potentials. <i>Journal of Food Biochemistry</i> , 2017, 41, e12295.	1.2	1
77	Can Yellow Stripe Scad Compete with Salmon on Its Role in Platelet Phospholipid Membrane and Its Cardiovascular Benefits?. <i>Journal of Obesity</i> , 2019, 2019, 1-10.	1.1	1
78	Preliminary Evaluation of Supercritical Carbon Dioxide Extracted Dabai Pulp Oleoresin as a New Alternative Fat. <i>Molecules</i> , 2021, 26, 5545.	1.7	1
79	Sugar Consumption Pattern among Cardiometabolic Risk Individuals: A Scoping Review. <i>Current Diabetes Reviews</i> , 2023, 19, .	0.6	1
80	Pre-diagnostic role of platelet miRNA in coronary heart disease of healthy overweight subjects via platelet leptin receptor activation. <i>Biomedical Research and Therapy</i> , 2019, 6, 3248-3261.	0.3	0
81	Effect of yellow stripe scad (YSS) fish consumption on platelet microparticles markers: Can YYS fish be like salmon in overweight healthy individual?. <i>Biomedical Research and Therapy</i> , 2019, 6, .	0.3	0
82	Polychlorinated biphenyl and heavy metal exposures among fishermen in the Straits of Malacca: neurobehavioural performance. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2015, 24, 515-24.	0.3	0