

Azrina Azlan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4968302/publications.pdf>

Version: 2024-02-01

82
papers

3,791
citations

218592

26
h-index

133188

59
g-index

83
all docs

83
docs citations

83
times ranked

5332
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Sugar Consumption Pattern among Cardiometabolic Risk Individuals: A Scoping Review. <i>Current Diabetes Reviews</i> , 2023, 19, . | 0.6 | 1 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Antioxidant, Anti-Obesity, Nutritional and Other Beneficial Effects of Different Chili Pepper: A Review. <i>Molecules</i> , 2022, 27, 898. | 1.7 | 44 |
| 6 | 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 |
| 7 | Metabolomic analysis reveals the valuable bioactive compounds of <i>Ardisia elliptica</i> . <i>Phytochemical Analysis</i> , 2021, 32, 685-697. | 1.2 | 6 |
| 8 | 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 |
| 9 | Ramadan-focused nutrition therapy for people with diabetes: A narrative review. <i>Diabetes Research and Clinical Practice</i> , 2021, 172, 108530. | 1.1 | 6 |
| 10 | 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 |
| 11 | Hepatoprotective Effect of Supercritical Carbon Dioxide Extracted Dabai Pulp Oil and Its Defatted Pulp. <i>Molecules</i> , 2021, 26, 671. | 1.7 | 5 |
| 12 | 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 |
| 13 | 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 |
| 14 | Preliminary Evaluation of Supercritical Carbon Dioxide Extracted Dabai Pulp Oleoresin as a New Alternative Fat. <i>Molecules</i> , 2021, 26, 5545. | 1.7 | 1 |
| 15 | Quality of Dabai Pulp Oil Extracted by Supercritical Carbon Dioxide and Supplementation in Hypercholesterolemic Rat—A New Alternative Fat. <i>Foods</i> , 2021, 10, 262. | 1.9 | 3 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Effect of Defatted Dabai Pulp Extract in Urine Metabolomics of Hypercholesterolemic Rats. <i>Nutrients</i> , 2020, 12, 3511. | 1.7 | 9 |
| 20 | 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 |
| 21 | Nutritional quality and sensory evaluation of dabai-fortified cocoa bar. <i>International Journal of Food Properties</i> , 2020, 23, 1324-1336. | 1.3 | 4 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | Nutritional composition and angiotensin converting enzyme inhibitory activity of blue lupin (<i>Lupinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 2.0 | 22 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | Valorization of <i>Dacryodes rostrata</i> fruit through the characterization of its oil. <i>Food Chemistry</i> , 2017, 235, 257-264. | 4.2 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | 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 |
| 38 | Fatty acid profiles and antioxidant properties of dabai oil. <i>ScienceAsia</i> , 2017, 43, 347. | 0.2 | 8 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | Therapeutic effects of vinegar: a review. <i>Current Opinion in Food Science</i> , 2016, 8, 56-61. | 4.1 | 70 |
| 43 | Sauropus androgynus Leaves for Health Benefits: Hype and the Science. <i>Natural Products Journal</i> , 2015, 5, 115-123. | 0.1 | 11 |
| 44 | Hypocholesterolemic and Antiatherosclerotic Potential of Basella alba Leaf Extract in Hypercholesterolemia-Induced Rabbits. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-7. | 0.5 | 13 |
| 45 | 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 |
| 46 | 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 |
| 47 | Inhibition of Oxidative Stress and Lipid Peroxidation by Anthocyanins from Defatted Canarium odontophyllum Pericarp and Peel Using In Vitro Bioassays. <i>PLoS ONE</i> , 2014, 9, e81447. | 1.1 | 16 |
| 48 | 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 |
| 49 | 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 |
| 50 | Effect of dabai (Canarium odontophyllum) fruit extract on biochemical parameters of induced obese-diabetic rats. <i>Journal of Functional Foods</i> , 2014, 8, 139-149. | 1.6 | 13 |
| 51 | 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 |
| 52 | Nutritional compositions and bioactivities of Dacryodes species: A review. <i>Food Chemistry</i> , 2014, 165, 247-255. | 4.2 | 23 |
| 53 | Effects of Mangifera pajang 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 |
| 54 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Antioxidative and Cardioprotective Properties of Anthocyanins from Defatted Dabai Extracts. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-13. | 0.5 | 13 |
| 56 | Quantitative Determination of Fatty Acids in Marine Fish and Shellfish from Warm Water of Straits of Malacca for Nutraceutical Purposes. BioMed Research International, 2013, 2013, 1-12. | 0.9 | 39 |
| 57 | Saffron: A Natural Potent Antioxidant as a Promising Anti-Obesity Drug. Antioxidants, 2013, 2, 293-308. | 2.2 | 113 |
| 58 | Comparison of nutrient composition of ripe and unripe fruits of <i>Nypa fruticans</i> . Fruits, 2013, 68, 491-498. | 0.3 | 9 |
| 59 | Antioxidant Activities and Total Phenolic Content in Germinated and Non-Germinated Legume Extracts Following Alkaline-Acid Hydrolysis. Pakistan Journal of Nutrition, 2013, 12, 1036-1041. | 0.2 | 8 |
| 60 | The trans fatty acid content in human milk and its association with maternal diet among lactating mothers in Malaysia. Asia Pacific Journal of Clinical Nutrition, 2013, 22, 431-42. | 0.3 | 26 |
| 61 | Antiatherosclerotic Effect of <i>Canarium odontophyllum</i> Miq. Fruit Parts in Rabbits Fed High Cholesterol Diet. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-10. | 0.5 | 15 |
| 62 | Determination and Optimization of Flavonoid and Extract Yield from Brown Mango using Response Surface Methodology. Separation Science and Technology, 2012, 47, 73-80. | 1.3 | 23 |
| 63 | Fruit Pod Extracts as a Source of Nutraceuticals and Pharmaceuticals. Molecules, 2012, 17, 11931-11946. | 1.7 | 50 |
| 64 | Protective Effect of Pulp Oil Extracted from <i>Canarium odontophyllum</i> Miq. Fruit on Blood Lipids, Lipid Peroxidation, and Antioxidant Status in Healthy Rabbits. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-9. | 1.9 | 21 |
| 65 | Evaluation of Minerals Content of Drinking Water in Malaysia. Scientific World Journal, The, 2012, 2012, 1-10. | 0.8 | 43 |
| 66 | Antioxidative Properties of Defatted Dabai Pulp and Peel Prepared by Solid Phase Extraction. Molecules, 2012, 17, 9754-9773. | 1.7 | 20 |
| 67 | Antiobesity effect of <i>Tamarindus indica</i> L. pulp aqueous extract in high-fat diet-induced obese rats. Journal of Natural Medicines, 2012, 66, 333-342. | 1.1 | 55 |
| 68 | Influence of Different Extraction Media on Phenolic Contents and Antioxidant Capacity of Defatted Dabai (<i>Canarium odontophyllum</i>) Fruit. Food Analytical Methods, 2012, 5, 339-350. | 1.3 | 22 |
| 69 | Cholesterol-lowering and Artherosclerosis Inhibitory Effect of Sibu Olive in Cholesterol Fed-rabbit. Asian Journal of Biochemistry, 2012, 7, 80-89. | 0.5 | 7 |
| 70 | Apparent bioavailability of isoflavones in urinary excretions of postmenopausal Malay women consuming tempeh compared with milk. International Journal of Food Sciences and Nutrition, 2011, 62, 642-650. | 1.3 | 12 |
| 71 | Identification and Quantification of Phenolic Compounds in Bambang (<i>Mangifera pajang</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 2011, 59, 9102-9111. | 2.4 | 36 |
| 72 | Improving the Lipid Profile in Hypercholesterolemia-Induced Rabbit by Supplementation of Germinated Brown Rice. Journal of Agricultural and Food Chemistry, 2011, 59, 7985-7991. | 2.4 | 35 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Carotenoids and antioxidant capacities from <i>Canarium odontophyllum</i> Miq. fruit. <i>Food Chemistry</i> , 2011, 124, 1549-1555. | 4.2 | 49 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | 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 |
| 78 | 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 |
| 79 | 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 |
| 80 | 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 |
| 81 | Daidzein and genestein contents in tempeh and selected soy products. <i>Food Chemistry</i> , 2009, 115, 1350-1356. | 4.2 | 49 |
| 82 | 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 |