

Ts Saiful Irwan Zubairi

List of Publications by Year in descending order

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60
papers

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citations

1163117

8
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62
all docs

62
docs citations

62
times ranked

325
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Nano ZnO on the Optical Properties of Poly(vinyl chloride) Films. International Journal of Polymer Science, 2014, 2014, 1-6.	2.7	56
2	Bienzymatic creatine biosensor based on reflectance measurement for real-time monitoring of fish freshness. Sensors and Actuators B: Chemical, 2018, 269, 36-45.	7.8	34
3	The effect of repetitive frying on physicochemical properties of refined, bleached and deodorized Malaysian tenera palm olein during deep-fat frying. Arabian Journal of Chemistry, 2020, 13, 6149-6160.	4.9	20
4	Polyesters Based on Linoleic Acid for Biolubricant Basestocks: Low-Temperature, Tribological and Rheological Properties. PLoS ONE, 2016, 11, e0151603.	2.5	17
5	Kinetics Extraction Modelling and Antiproliferative Activity of <i>Clinacanthus nutans</i> Water Extract. Scientific World Journal, The, 2016, 2016, 1-7.	2.1	15
6	Alcohol based-deep eutectic solvent (DES) as an alternative green additive to increase rotenone yield. AIP Conference Proceedings, 2015, , .	0.4	13
7	POLYHYDROXYALKANOATES (PHAs) FOR TISSUE ENGINEERING APPLICATIONS: BIOTRANSFORMATION OF PALM OIL MILL EFFLUENT (POME) TO VALUE-ADDED POLYMERS. Jurnal Teknologi (Sciences and) Tj ETQq1 1 0.784614 rgBT /Overlock 1	1.4	10
8	Development of a New Binary Solvent System Using Ionic Liquids as Additives to Improve Rotenone Extraction Yield from Malaysia <i>Derris</i> sp.. Journal of Chemistry, 2015, 2015, 1-7.	1.9	8
9	Physico-Mechanical Properties of HA/TCP Pellets and Their Three-Dimensional Biological Evaluation In Vitro. Advances in Experimental Medicine and Biology, 2017, 1084, 1-15.	1.6	8
10	Efficacy Study of Carrageenan as an Alternative Infused Material (Filler) in Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Porous 3D Scaffold. International Journal of Polymer Science, 2017, 2017, 1-12.	2.7	8
11	EFFECT OF pH ON ADSORPTION OF ORGANIC ACIDS AND PHENOLIC COMPOUNDS BY AMBERLITE IRA 67 RESIN. Jurnal Teknologi (Sciences and Engineering), 2018, 81, .	0.4	8
12	Saponin Bitterness Reduction of Carica papaya Leaf Extracts through Adsorption of Weakly Basic Ion Exchange Resins. Journal of Food Quality, 2018, 2018, 1-11.	2.6	8
13	Interaction Study of Binary Solvent Systems Ionic Liquid and Deep Eutectic Solvent with Rotenone. Sains Malaysiana, 2018, 47, 1473-1482.	0.5	8
14	Carboxy-Methyl-Cellulose (CMC) hydrogel-filled 3-D scaffold: Preliminary study through a 3-D antiproliferative activity of Centella asiatica extract. AIP Conference Proceedings, 2015, , .	0.4	7
15	Characterizing the Deacidification Adsorption Model of Organic Acids and Phenolic Compounds of Noni Extract Using Weak Base Ion Exchanger. Journal of Chemistry, 2018, 2018, 1-10.	1.9	7
16	Physico-chemical and sensory acceptance of Carica papaya leaves extract edible O/W emulsion as prospective natural remedies. Arabian Journal of Chemistry, 2020, 13, 7829-7842.	4.9	7
17	Effect of Plasma Treatment (He/CH ₄) on the Glass Surface for the Reduction of Powder Flux Adhesion in the Spray Drying Process. Sains Malaysiana, 2018, 47, 1147-1155.	0.5	7
18	THE EFFECT OF SURFACE HETEROGENEITY ON WETTABILITY OF POROUS THREE DIMENSIONAL (3-D) SCAFFOLDS OF POLY(3-HYDROXYBUTYRIC ACID) (PHB) AND POLY(3-HYDROXYBUTYRIC-CO-3-HYDROXYVALERIC ACID) (PHBV). Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	6

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19	Physicochemical Characterization of Biofluid Metabolites from Liquid Residual of Tuna Fish (<i>Euthynnus affinis</i>) throughout Refrigerated Storage Condition. Journal of Food Quality, 2017, 2017, 1-7.	2.6	6
20	Response Surface Optimization of Rotenone Using Natural Alcohol-Based Deep Eutectic Solvent as Additive in the Extraction Medium Cocktail. Journal of Chemistry, 2017, 2017, 1-10.	1.9	6
21	A NOVEL ANTI-PROLIFERATIVE ACTIVITY (EC50) OF PEGAGA (<i>Centella asiatica</i>) EXTRACT THROUGH IN VITRO 3-D CULTURE MICROENVIRONMENT. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.4	6
22	Centella asiatica Extract Potentiates Anticancer Activity in an Improved 3-D PHBV-Composite-CMC A549 Lung Cancer Microenvironment Scaffold. Arabian Journal for Science and Engineering, 2021, 46, 5313-5325.	3.0	6
23	Yogurt drink spoilage profiles: Characterization of physico-chemical properties and coliform potability analysis. Arabian Journal of Chemistry, 2021, 14, 103340.	4.9	6
24	A Thermal Degradation (Thermolysis) Study of Rotenone Extracted from Derris elliptica Roots Using Reverse-phase High Performance Liquid Chromatography (RP-HPLC). Sains Malaysiana, 2015, 44, 121-126.	0.5	6
25	Response Surface Optimisation of Polydimethylsiloxane (PDMS) on Borosilicate Glass and Stainless Steel (SS316) to Increase Hydrophobicity. Molecules, 2022, 27, 3388.	3.8	6
26	Adsorption of saponin compound in Carica papaya leaves extract using weakly basic ion exchanger resin. AIP Conference Proceedings, 2016, , .	0.4	5
27	Evaluation of poly(L-lactic acid) (PLLA) rapid indicator film on deterioration degree of Refined, Bleached and Deodorised Malaysian Tenera palm olein oil (RBDPO) during long-term repetitive deep-fat frying. Arabian Journal of Chemistry, 2022, 15, 103726.	4.9	5
28	ENVIRONMENTAL FRIENDLY BIO-PESTICIDE ROTENONE EXTRACTED FROM Derris sp.: A REVIEW ON THE EXTRACTION METHOD, TOXICITY AND FIELD EFFECTIVENESS. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	4
29	PHYSICO-CHEMICAL PROPERTIES OF RECYCLED REFINED, BLEACHED AND DEODORIZED (RBDPO) PALM OLEIN: WHICH CYCLE SHOULD THE OLEIN CONSIDERED SPOILAGE?. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.4	4
30	Improving wood durability against G. Trabeum and C. versicolor using starch based antifungal coating from Dioscorea hispida sp.. Journal of the Taiwan Institute of Chemical Engineers, 2020, 115, 242-250.	5.3	4
31	The Efficacy of Treated Water from Water Filtration Machines for Safe Drinking Water Supply in <i>Bandar Baru Bangi</i> and <i>Kajang</i>, Selangor. Journal of Food Quality, 2020, 2020, 1-9.	2.6	4
32	Pore Interconnectivity Analysis of Porous Three Dimensional Scaffolds of Poly (3-Hydroxybutyric) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 Staining Method. Sains Malaysiana, 2015, 44, 1351-1356.	0.5	4
33	Rapid Microbial Detection Model System in UHT Milk Products using Poly(L-Lactic Acid) (PLLA) Thin Film. Sains Malaysiana, 2018, 47, 2677-2683.	0.5	4
34	DEVELOPMENT OF A RAPID CONTINUOUS FLOW SALT LEACHING KIT FOR FABRICATION OF POLY(3-HYDROXYBUTYRIC ACID-CO-3-HYDROXYVALERATE) (PHBV) POROUS 3-D SCAFFOLD. Jurnal Teknologi (Sciences and Engineering), 2015, 75, .	0.4	3
35	Effects of chemical surface coating (Rain-ZTM) on the powder yield of spray-drying: a preliminary approach. Acta Horticulturae, 2017, , 165-174.	0.2	3
36	Effect of plasma treatment (He/CH4) on glass surface for the reduction of powder flux adhesion in the spray drying process. AIP Conference Proceedings, 2018, , .	0.4	3

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37	DEODORIZING MORINDA CITRIFOLIA (MENGGUDU) STRONG ODOR JUICE BY β -CYCLODEXTRIN-ORGANIC ACIDS INCLUSION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	3
38	Synthesis and characterization of neopentyl glycol dioleate as a biolubricant base. AIP Conference Proceedings, 2015, , .	0.4	2
39	PROLIFERATIVE ACTIVITY OF SAPONIN-REDUCING Carica papaya LEAVES EXTRACTS ON HUMAN LUNG FIBROBLAST CELL (IMR90). Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	2
40	Accumulation of Biopesticide-Based Rotenone from an Optimized [BMIM][OTf] Green Binary Solvent Mixture in Different Parts of Terong Plant (Solanum Melongena). Procedia Engineering, 2016, 148, 702-709.	1.2	2
41	Physicochemical changes of tuna fish (Euthynnus affinis) throughout refrigerated storage condition. A preliminary study. AIP Conference Proceedings, 2019, , .	0.4	2
42	Nutritional Status and Food Pyramid Knowledge Among Royal Malaysia Police Personnel in Selangor, Malaysia. Pakistan Journal of Nutrition, 2017, 17, 8-14.	0.2	2
43	Thermal Treatments on the Oil Palm Fruits: Response Surface Optimization and Microstructure Study. Sains Malaysiana, 2020, 49, 2301-2309.	0.5	2
44	Preparation and physicochemical evaluation of emulsified virgin coconut oil (VCO)-carica papaya extract concoction using Tween80. AIP Conference Proceedings, 2016, , .	0.4	1
45	OPTIMIZATION OF NOODLE FORMULATION USING COMMERCIALIZED EMPTY FRUIT BUNCH PALM OIL CARBOXYLMETHYL CELLULOSE (CMC) AND FLOURS WITH DIFFERENT PROTEIN CONTENT. Jurnal Teknologi (Sciences and Engineering), 2018, 80, .	0.4	1
46	Effect of processing parameters on the phenolic content of Clinacanthus nutans leaves extract using response surface methodology (RSM). AIP Conference Proceedings, 2019, , .	0.4	1
47	Surface Modification To Reduce Deposition Flux of Spray Dried Noni (Morinda Citrifolia L.) Juice. Biosciences, Biotechnology Research Asia, 2019, 16, 743-750.	0.5	1
48	A PRELIMINARY STUDY ON MOSQUITO LARVICIDAL EFFICACY OF ROTENONE EXTRACTED FROM MALAYSIA Derris sp.. Jurnal Teknologi (Sciences and Engineering), 2015, 76, .	0.4	1
49	Relationship Between Body Composition and Physical Fitness among Royal Malaysia Police Personnel in Selangor, Malaysia. Asian Journal of Clinical Nutrition, 2017, 10, 25-31.	0.3	1
50	KOMPOSISI PROKSIMAT DAN PENERIMAAN SENSORI MAKANAN VEGETARIAN INDIA STERIL TERPILIH. Jurnal Teknologi (Sciences and Engineering), 2021, 83, 73-82.	0.4	1
51	Pleurotus ostreatus Cultivation: Physico-Chemical Characteristics of a Robust Pre-Blocks Oyster Mushroom Substrate with Absorptive Starch Binders. Sains Malaysiana, 2022, 51, 329-343.	0.5	1
52	Durian Locule (Endocarp) Water Immersion Drinking Effect to Reduce Heaty Sensation after Flesh Consumption: A Preliminary Study. Current Research in Nutrition and Food Science, 2021, 9, 866-874.	0.8	1
53	Preface: The 2015 UKM FST Postgraduate Colloquium. AIP Conference Proceedings, 2015, , .	0.4	0
54	Physico-Chemical Study of Nano and Bulk Ru/FTO Heterogeneous Catalyst for Synthesis of 1,2-Propanediol. Advanced Materials Research, 0, 1087, 25-29.	0.3	0

#	ARTICLE	IF	CITATIONS
55	INDUCED PHOTODEGRADATION EFFECT ON THE FUNCTIONALIZED FE(III) COMPLEX ADDITIVE-POLY(VINYL Tj ET Og 1 1 0.784314 rgB	0.4	0
56	Recycled palm oil spoilage: Correlation between physicochemical properties and oleophilicity. AIP Conference Proceedings, 2016, , .	0.4	0
57	Imidazolium-Based Ionic Liquid Binary Solvent System as an Extraction Medium in Enhancing the Rotenone Yield Extracted from Derris elliptica Roots. , 0, , .		0
58	Physico-Chemical Characteristics and Quality Evaluation of Malaysia Haruan (Channa striatus) and Toman (Channa micropeltes) Fish Oil: Preliminary Quality Analysis Prior to Therapeutic Consumption. Oriental Journal of Chemistry, 2021, 37, 619-625.	0.3	0
59	Physico-chemical and biological activity of Malaysian channa striatus water extract on human foetal lung cell (IMR-90). Frontiers in Bioengineering and Biotechnology, 0, 4, .	4.1	0
60	Production of Gummy Confection using Seeds Gum from Durio zibethinus Seeds. IOP Conference Series: Materials Science and Engineering, 2022, 1232, 012005.	0.6	0