

# Ahmad Naim Ahmad Yahaya

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

257  
citations

932766

10  
h-index

996533

15  
g-index

28  
all docs

28  
docs citations

28  
times ranked

217  
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of the supercritical CO <sub>2</sub> technology for the extraction of candlenut oil as a promising feedstock for biodiesel production: potential and limitations. <i>International Journal of Green Energy</i> , 2022, 19, 72-83.	2.1	14
2	Biosorption of Cr(VI) Using Cellulose Nanocrystals Isolated from the Waterless Pulping of Waste Cotton Cloths with Supercritical CO <sub>2</sub> : Isothermal, Kinetics, and Thermodynamics Studies. <i>Polymers</i> , 2022, 14, 887.	2.0	12
3	Recycling Waste Cotton Cloths for the Isolation of Cellulose Nanocrystals: A Sustainable Approach. <i>Polymers</i> , 2021, 13, 626.	2.0	9
4	The Effect of Graphene Oxide and SEBS-g-MAH Compatibilizer on Mechanical and Thermal Properties of Acrylonitrile-Butadiene-Styrene/Talc Composite. <i>Polymers</i> , 2021, 13, 3180.	2.0	6
5	Enhanced Mechanical and Thermal Properties of Modified Oil Palm Fiber-Reinforced Polypropylene Composite via Multi-Objective Optimization of In Situ Silica Sol-Gel Synthesis. <i>Polymers</i> , 2021, 13, 3338.	2.0	4
6	Isolation and Characterization of Magnetic Oil Palm Empty Fruits Bunch Cellulose Nanofiber Composite as a Bio-Sorbent for Cu(II) and Cr(VI) Removal. <i>Polymers</i> , 2021, 13, 112.	2.0	16
7	Void and Moisture Content of Fiber Reinforced Composites. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , 2021, 87, 78-93.	0.3	4
8	Influence of Fresh Palm Fruit Sterilization in the Production of Carotenoid-Rich Virgin Palm Oil. <i>Foods</i> , 2021, 10, 2838.	1.9	5
9	A Rheological Study of Fibre Reinforced Composites and The Factors That Affect Rheological Behaviour During Impregnation Process: A Review. <i>Nigerian Journal of Basic and Medical Science</i> , 2021, 89, 167-181.	0.3	1
10	Treatment of Palm Oil Refinery Effluent Using Tannin as a Polymeric Coagulant: Isotherm, Kinetics, and Thermodynamics Analyses. <i>Polymers</i> , 2020, 12, 2353.	2.0	17
11	Insights into pyrolysis of waste tire in fixed bed reactor: Thermal behavior. <i>Materials Today: Proceedings</i> , 2020, 31, 178-186.	0.9	28
12	Mechanical and physical properties of binderless particleboard made from oil palm empty fruit bunch (OPEFB) with addition of natural binder. <i>Materials Today: Proceedings</i> , 2020, 31, 287-291.	0.9	4
13	Assessment of the chemical hazard awareness of petrol tanker driver: A case study. <i>Heliyon</i> , 2019, 5, e02368.	1.4	3
14	The effects of anionic surfactant on the mechanical, thermal, structure and morphological properties of epoxy/MWCNT composites. <i>Polymer Bulletin</i> , 2019, 76, 5919-5938.	1.7	15
15	Acid-Based Surfactant-Aided Dispersion of Multi-Walled Carbon Nanotubes in Epoxy-Based Nanocomposites. <i>Polymer Engineering and Science</i> , 2019, 59, E80.	1.5	16
16	Mechanical, interfacial, and fracture characteristics of poly (lactic acid) and <i>Moringa oleifera</i> fiber composites. <i>Advances in Polymer Technology</i> , 2018, 37, 1665-1673.	0.8	2
17	Selective recovery of Copper from waste mobile phone printed circuit boards using Sulphuric acid leaching. <i>Materials Today: Proceedings</i> , 2018, 5, 21698-21702.	0.9	14
18	Benzene exposure among tanker worker during unloading of petrol. <i>Materials Today: Proceedings</i> , 2018, 5, 21547-21550.	0.9	1

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19	Characterization of BTEX in Malaysian petrol. <i>Materials Today: Proceedings</i> , 2018, 5, 21541-21546.	0.9	5
20	Effects of variation of steric repulsion between multiwall carbon nanotubes and anionic surfactant in epoxy nanocomposites. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46883.	1.3	18
21	Isothermal drying kinetics of oil palm trunk: Energy and shrinkage evaluation. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1244-1252.	1.3	1
22	Effects of zinc oxide on pretreated multiwalled carbon nanotube reinforced biobased polyesters. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	10
23	Preparation and Characterization of Sol-gel Silica-modified Kenaf Bast Microfiber/Polypropylene Composites. <i>BioResources</i> , 2017, 13, .	0.5	4
24	Analysis of Phenolic Compounds in Empty Fruit Bunches in Oyster Mushroom Cultivation and in Vermicomposting. <i>BioResources</i> , 2017, 12, .	0.5	0
25	Effect of Curing on Hydrolytic Degradation of Montmorillonite Nanoclays Filled Biobased Polyesters. <i>Polymers From Renewable Resources</i> , 2017, 8, 43-60.	0.8	0
26	Modeling the supercritical carbon dioxide inactivation of <i>Staphylococcus aureus</i> , <i>Escherichia coli</i> and <i>Bacillus subtilis</i> in human body fluids clinical waste. <i>Chemical Engineering Journal</i> , 2016, 296, 173-181.	6.6	12
27	Utilization of the supercritical carbon dioxide extraction technology for the production of deoiled palm kernel cake. <i>Journal of CO2 Utilization</i> , 2016, 16, 121-129.	3.3	34
28	Valorization of the chicken by-product waste with supercritical CO2 inactivation of microbes towards sustainable utilization. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	2