

Rokiah Hashim

List of Publications by Year in descending order

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198
papers

8,259
citations

87723

38
h-index

53109

85
g-index

201
all docs

201
docs citations

201
times ranked

9193
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of methylene blue on low-cost adsorbents: A review. <i>Journal of Hazardous Materials</i> , 2010, 177, 70-80.	6.5	2,390
2	Adsorption of copper (II), chromium (III), nickel (II) and lead (II) ions from aqueous solutions by meranti sawdust. <i>Journal of Hazardous Materials</i> , 2009, 170, 969-977.	6.5	349
3	An overview of the oil palm industry in Malaysia and its waste utilization through thermochemical conversion, specifically via liquefaction. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 50, 1469-1484.	8.2	295
4	Chemical and thermal properties of lignins from oil palm biomass as a substitute for phenol in a phenol formaldehyde resin production. <i>Carbohydrate Polymers</i> , 2011, 86, 112-119.	5.1	193
5	Scavenging behaviour of meranti sawdust in the removal of methylene blue from aqueous solution. <i>Journal of Hazardous Materials</i> , 2009, 170, 357-365.	6.5	184
6	The use of date palm as a potential adsorbent for wastewater treatment: a review. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1464-1484.	2.7	183
7	Removal of Pesticides from Water and Wastewater by Different Adsorbents: A Review. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2010, 28, 231-271.	2.9	170
8	Cellulose nanocrystals isolated from oil palm trunk. <i>Carbohydrate Polymers</i> , 2015, 127, 202-208.	5.1	165
9	Comparison of surface properties of wood biomass activated carbons and their application against rhodamine B and methylene blue dye. <i>Surfaces and Interfaces</i> , 2018, 11, 1-13.	1.5	137
10	Optimized preparation for large surface area activated carbon from date (<i>Phoenix dactylifera</i> L.) stone biomass. <i>Biomass and Bioenergy</i> , 2014, 61, 167-178.	2.9	136
11	Characterization of raw materials and manufactured binderless particleboard from oil palm biomass. <i>Materials & Design</i> , 2011, 32, 246-254.	5.1	133
12	A novel agricultural waste adsorbent for the removal of lead (II) ions from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2010, 182, 377-385.	6.5	128
13	Chitosan/nano-lignin based composite as a new sorbent for enhanced removal of dye pollution from aqueous solutions. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 1304-1317.	3.6	101
14	Ethanol and lactic acid production using sap squeezed from old oil palm trunks felled for replanting. <i>Journal of Bioscience and Bioengineering</i> , 2010, 110, 322-325.	1.1	95
15	Old oil palm trunk: A promising source of sugars for bioethanol production. <i>Biomass and Bioenergy</i> , 2010, 34, 1608-1613.	2.9	92
16	Oil Palm Biomass-Based Adsorbents for the Removal of Water Pollutants: A Review. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2011, 29, 177-222.	2.9	91
17	Optimization of activated carbon preparation from cassava stem using response surface methodology on surface area and yield. <i>Journal of Cleaner Production</i> , 2018, 198, 1422-1430.	4.6	91
18	Oil Palm Biomass as a Precursor of Activated Carbons: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2013, 43, 1117-1161.	6.6	89

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19	Effect of acidic activating agents on surface area and surface functional groups of activated carbons produced from <i>Acacia mangium</i> wood. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 104, 418-425.	2.6	89
20	Physicochemical characterization of Malaysian crop and agro-industrial biomass residues as renewable energy resources. <i>Industrial Crops and Products</i> , 2018, 111, 642-650.	2.5	84
21	Effect of particle geometry on the properties of binderless particleboard manufactured from oil palm trunk. <i>Materials & Design</i> , 2010, 31, 4251-4257.	5.1	79
22	Biopulping of lignocellulosic material using different fungal species: a review. <i>Reviews in Environmental Science and Biotechnology</i> , 2010, 9, 141-151.	3.9	78
23	Isolation and characterization of cellulose nanocrystals from parenchyma and vascular bundle of oil palm trunk (<i>Elaeis guineensis</i>). <i>Carbohydrate Polymers</i> , 2015, 134, 534-540.	5.1	76
24	THE POTENTIAL OF OIL PALM TRUNK BIOMASS AS AN ALTERNATIVE SOURCE FOR COMPRESSED WOOD. <i>BioResources</i> , 2012, 7, .	0.5	74
25	Influence of press temperature on the properties of binderless particleboard made from oil palm trunk. <i>Materials & Design</i> , 2011, 32, 2520-2525.	5.1	67
26	Properties of particleboard made from rubberwood using modified starch as binder. <i>Composites Part B: Engineering</i> , 2013, 50, 259-264.	5.9	57
27	Using biomass residues from oil palm industry as a raw material for pulp and paper industry: potential benefits and threat to the environment. <i>Environment, Development and Sustainability</i> , 2013, 15, 367-383.	2.7	56
28	Application of optimized large surface area date stone (<i>Phoenix dactylifera</i>) activated carbon for rhodamin B removal from aqueous solution: Box-Behnken design approach. <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 280-290.	2.9	56
29	Fabrication and characterization of gum Arabic bonded <i>Rhizophora</i> spp. particleboards. <i>Materials & Design</i> , 2014, 60, 108-115.	5.1	55
30	Properties of binderless particleboard from oil palm trunk with addition of polyhydroxyalkanoates. <i>Composites Part B: Engineering</i> , 2012, 43, 1109-1116.	5.9	54
31	Measurement of mass attenuation coefficients of <i>Rhizophora</i> spp. binderless particleboards in the 16.59–25.26 keV photon energy range and their density profile using x-ray computed tomography. <i>Applied Radiation and Isotopes</i> , 2012, 70, 656-662.	0.7	51
32	Nanocellulose. , 2017, , 261-276.		50
33	Properties of cellulose nanocrystals from oil palm trunk isolated by total chlorine free method. <i>Carbohydrate Polymers</i> , 2017, 156, 409-416.	5.1	48
34	Adhesive application on particleboard from natural fibers: A review. <i>Polymer Composites</i> , 2020, 41, 4448-4460.	2.3	48
35	Kinetics for the Removal of Paraquat Dichloride from Aqueous Solution by Activated Date (<i>Phoenix dactylifera</i>) Stone Carbon. <i>Journal of Dispersion Science and Technology</i> , 2010, 31, 248-259.	1.3	47
36	Partial replacement of urea-formaldehyde with modified oil palm starch based adhesive to fabricate particleboard. <i>International Journal of Adhesion and Adhesives</i> , 2018, 84, 1-8.	1.4	43

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37	Influence of Chemical Components of Oil Palm on Properties of Binderless Particleboard. <i>BioResources</i> , 2013, 8, .	0.5	42
38	Evaluation of properties of starch-based adhesives and particleboard manufactured from them. <i>Journal of Adhesion Science and Technology</i> , 2015, 29, 319-336.	1.4	42
39	Reinforced lignin-phenol-glyoxal (LPG) wood adhesives from coconut husk. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 185-196.	3.6	42
40	Bioengineered silver nanoparticles capped with bovine serum albumin and its anticancer and apoptotic activity against breast, bone and intestinal colon cancer cell lines. <i>Materials Science and Engineering C</i> , 2019, 102, 254-263.	3.8	42
41	Characterization of rubberwood particleboard made using carboxymethyl starch mixed with polyvinyl alcohol as adhesive. <i>Composites Part B: Engineering</i> , 2020, 183, 107731.	5.9	41
42	Optimization study for preparation of activated carbon from Acacia mangium wood using phosphoric acid. <i>Wood Science and Technology</i> , 2014, 48, 1069-1083.	1.4	40
43	Surface characterization and comparative adsorption properties of Cr(VI) on pyrolysed adsorbents of Acacia mangium wood and Phoenix dactylifera L. stone carbon. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012, 97, 19-28.	2.6	39
44	Removal of cadmium (II) from aqueous solutions by adsorption using meranti wood. <i>Wood Science and Technology</i> , 2012, 46, 221-241.	1.4	37
45	Physical and mechanical properties of flame retardant urea formaldehyde medium density fiberboard. <i>Journal of Materials Processing Technology</i> , 2009, 209, 635-640.	3.1	36
46	Adsorption of Copper (II) onto Different Adsorbents. <i>Journal of Dispersion Science and Technology</i> , 2010, 31, 918-930.	1.3	36
47	Sorption of Copper(II) and Nickel(II) Ions from Aqueous Solutions Using Calcium Oxide Activated Date (<i>Phoenix dactylifera</i>) Stone Carbon: Equilibrium, Kinetic, and Thermodynamic Studies. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 3607-3619.	1.0	36
48	Adsorption of Pb(II) Ions from Aqueous Solutions by Date Bead Carbon Activated with ZnCl ₂ . <i>Clean - Soil, Air, Water</i> , 2011, 39, 392-399.	0.7	36
49	Influence of processing parameters on some properties of oil palm trunk binderless particleboard. <i>European Journal of Wood and Wood Products</i> , 2013, 71, 583-589.	1.3	36
50	Improvements and limitation of soy protein-based adhesive: A review. <i>Polymer Engineering and Science</i> , 2021, 61, 2393-2405.	1.5	35
51	Evaluating biopulping as an alternative application on oil palm trunk using the white-rot fungus <i>Trametes versicolor</i> . <i>International Biodeterioration and Biodegradation</i> , 2013, 82, 96-103.	1.9	33
52	Measurement of some particleboard properties bonded with modified carboxymethyl starch of oil palm trunk. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 53, 251-259.	2.5	33
53	Evaluation on some finishing properties of oil palm plywood. <i>European Journal of Wood and Wood Products</i> , 2008, 66, 5-10.	1.3	31
54	Properties of steam treated binderless particleboard made from oil palm trunks. <i>Composites Part B: Engineering</i> , 2014, 56, 344-349.	5.9	31

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55	Optimization of press temperature and time for binderless particleboard manufactured from oil palm trunk biomass at different thickness levels. <i>Materials Today Communications</i> , 2015, 3, 87-95.	0.9	31
56	Room temperature preparation of lignocellulosic biomass supported heterostructure (Cu+Co@OPF) as highly efficient multifunctional nanocatalyst using wetness co-impregnation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 549, 184-195.	2.3	31
57	Antioxidant and antifungal activities of extracts from 15 selected hardwood species of Malaysian timber. <i>European Journal of Wood and Wood Products</i> , 2011, 69, 207-212.	1.3	30
58	Characterization of Physically Activated <i>Acacia mangium</i> Wood-Based Carbon for the Removal of Methyl Orange Dye. <i>BioResources</i> , 2013, 8, .	0.5	30
59	Some of the properties of flame retardant medium density fiberboard made from rubberwood and recycled containers containing aluminum trihydroxide. <i>Bioresource Technology</i> , 2005, 96, 1826-1831.	4.8	28
60	Colorimetric Analysis of Glucose Oxidase-Magnetic Cellulose Nanocrystals (CNCs) for Glucose Detection. <i>Sensors</i> , 2019, 19, 2511.	2.1	28
61	Optimum manufacturing parameters for compressed lumber from oil palm (<i>Elaeis guineensis</i>) trunks: Respond surface approach. <i>Composites Part B: Engineering</i> , 2012, 43, 988-996.	5.9	27
62	Measurement of some properties of binderless particleboards made from young and old oil palm trunks. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 47, 813-819.	2.5	27
63	Response surface methodology approach for methyl orange dye removal using optimized <i>Acacia mangium</i> wood activated carbon. <i>Wood Science and Technology</i> , 2014, 48, 1085-1105.	1.4	27
64	A Model of Drying Kinetics of <i>Acacia mangium</i> Wood at Different Temperatures. <i>Drying Technology</i> , 2014, 32, 361-370.	1.7	27
65	Measurement of attenuation coefficients and CT numbers of epoxy resin and epoxy-based <i>Rhizophora</i> spp particleboards in computed tomography energy range. <i>Radiation Physics and Chemistry</i> , 2018, 149, 41-48.	1.4	27
66	Biodegradation of fibrillated oil palm trunk fiber by a novel thermophilic, anaerobic, xylanolytic bacterium <i>Caldicoprobacter</i> sp. CL-2 isolated from compost. <i>Enzyme and Microbial Technology</i> , 2018, 111, 21-28.	1.6	27
67	Effects of cold setting adhesives on properties of laminated veneer lumber from oil palm trunks in comparison with rubberwood. <i>European Journal of Wood and Wood Products</i> , 2011, 69, 53-61.	1.3	26
68	Evaluation of the Properties of Particleboard Made Using Oil Palm Starch Modified with Epichlorohydrin. <i>BioResources</i> , 2012, 8, .	0.5	26
69	Potential of Oil Palm Trunk Sap as a Novel Inexpensive Renewable Carbon Feedstock for Polyhydroxyalkanoate Biosynthesis and as a Bacterial Growth Medium. <i>Clean - Soil, Air, Water</i> , 2012, 40, 310-317.	0.7	26
70	Comparative study of oil palm trunk and rice husk as fillers in gypsum composite for building material. <i>Construction and Building Materials</i> , 2019, 197, 526-532.	3.2	26
71	Efficient ethanol production from separated parenchyma and vascular bundle of oil palm trunk. <i>Bioresource Technology</i> , 2012, 125, 37-42.	4.8	25
72	Effect of treated particles on the properties of particleboard made from oil palm trunk. <i>Materials & Design</i> , 2014, 64, 769-774.	5.1	25

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73	Green approach for the biosynthesis of silver nanoparticles and its antibacterial and antitumor effect against osteoblast MG-63 and breast MCF-7 cancer cell lines. <i>Sustainable Chemistry and Pharmacy</i> , 2019, 12, 100138.	1.6	25
74	Characterization of tannin-added <i>Rhizophora</i> spp. particleboards as phantom materials for photon beams. <i>Industrial Crops and Products</i> , 2017, 95, 467-474.	2.5	23
75	Drying kinetics of oil palm trunk waste in control atmosphere and open air convection drying. <i>International Journal of Heat and Mass Transfer</i> , 2014, 68, 14-20.	2.5	21
76	Properties of green particleboard manufactured from coconut fiber using a potato starch based adhesive. <i>BioResources</i> , 2020, 15, 2279-2292.	0.5	21
77	Synthesis, characterization, antimicrobial and enzymatic activity of 4b,9b-dihydroxy-7,8-dihydro-4bH-indeno[1,2-b]benzofuran-9,10(6H,9bH)-dione. <i>Journal of Molecular Structure</i> , 2011, 1006, 318-323.	1.8	20
78	A novel caryophyllene type sesquiterpene lactone from <i>Asparagus falcatus</i> (Linn.); Structure elucidation and anti-angiogenic activity on HUVECs. <i>European Journal of Medicinal Chemistry</i> , 2012, 47, 601-607.	2.6	19
79	In vitro antioxidant and antidiabetic activities of <i>Gluta torquata</i> . <i>Industrial Crops and Products</i> , 2015, 76, 755-760.	2.5	19
80	Development of sap compressing systems from oil palm trunk. <i>Biomass and Bioenergy</i> , 2013, 51, 8-16.	2.9	17
81	Influence of steam treatment on the properties of particleboard made from oil palm trunk with addition of polyhydroxyalkanoates. <i>Industrial Crops and Products</i> , 2013, 51, 334-341.	2.5	17
82	Some properties of particleboards produced from <i>Rhizophora</i> spp. as a tissue-equivalent phantom material bonded with <i>Eremurus</i> spp.. Measurement: <i>Journal of the International Measurement Confederation</i> , 2014, 54, 14-21.	2.5	17
83	Detoxification of Sap from Felled Oil Palm Trunks for the Efficient Production of Lactic Acid. <i>Applied Biochemistry and Biotechnology</i> , 2017, 183, 412-425.	1.4	17
84	Assessing the awareness and readiness of the Malaysian furniture industry for Industry 4.0. <i>BioResources</i> , 2020, 15, 4866-4885.	0.5	17
85	Adsorption Equilibrium and Thermodynamic Studies of Copper (II) Ions from Aqueous Solutions by Oil Palm Leaves. <i>International Journal of Chemical Reactor Engineering</i> , 2010, 8, .	0.6	16
86	Estimation of the Ratio of Vascular Bundles to Parenchyma Tissue in Oil Palm Trunks using NIR Spectroscopy. <i>BioResources</i> , 2013, 8, .	0.5	16
87	Natural Fiber Improvement by Laccase; Optimization, Characterization and Application in Medium Density Fiberboard. <i>Journal of Natural Fibers</i> , 2017, 14, 379-389.	1.7	16
88	Kinetics, Thermodynamics, and Isotherms of Methylene Blue Adsorption Study onto Cassava Stem Activated Carbon. <i>Water (Switzerland)</i> , 2021, 13, 2936.	1.2	16
89	Two Antifungal Xanthenes from the Heartwood of <i>Calophyllum Symingtonianum</i> . <i>Japan Agricultural Research Quarterly</i> , 2012, 46, 181-185.	0.1	15
90	Bioprospecting medicinal plants for antioxidant components. <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, S553-S559.	0.4	15

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91	Evaluation on layering effects and adhesive rates of laminated compressed composite panels made from oil palm (<i>Elaeis guineensis</i>) fronds. <i>Materials & Design</i> , 2015, 68, 24-28.	5.1	15
92	Physical and Mechanical Properties of Binderless Particleboard Made from Steam-Pretreated Oil Palm Trunk Particles. <i>Journal of Composites Science</i> , 2019, 3, 46.	1.4	15
93	Formaldehyde-Free Wood Composite Fabricated Using Oil Palm Starch Modified with Glutardialdehyde as the Binder. <i>International Journal of Chemical Engineering</i> , 2019, 2019, 1-9.	1.4	15
94	Surface measurement of binderless bio-composite particleboard through contact angle and fractal surfaces. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 140, 365-372.	2.5	15
95	Properties of Binderless Particleboard and Particleboard with Addition of Urea Formaldehyde Made from Oil Palm Trunk Waste. <i>Journal of Physical Science</i> , 2017, 28, 151-159.	0.5	15
96	Synthesis, supramolecularity and in vitro antimicrobial activity of 3a,8a-dihydroxy-2-thioxo-1,3,3a,8a-tetrahydroindeno[1,2-d]imidazol-8(2H)-one. <i>Journal of Molecular Structure</i> , 2011, 1005, 152-155.	1.8	14
97	Removal of chemically hazardous p-hydroxybenzoic acid during total chlorine free bleaching process of Hevea Brasiliensis. <i>Journal of Cleaner Production</i> , 2012, 25, 68-72.	4.6	14
98	Measurement of some properties of binderless composites manufactured from oil palm trunks and Acacia mangium. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 50, 250-254.	2.5	14
99	Subcritical Water Extraction of Low-molecular-weight Phenolic Compounds from Oil Palm Biomass. <i>Japan Agricultural Research Quarterly</i> , 2014, 48, 355-362.	0.1	14
100	Enhancing the enzymatic digestibility of oil palm biomass using supercritical carbon dioxide-based pretreatment towards biorefinery application. <i>Industrial Crops and Products</i> , 2020, 157, 112923.	2.5	14
101	Small temperature variations are a key regulator of reproductive growth and assimilate storage in oil palm (<i>Elaeis guineensis</i>). <i>Scientific Reports</i> , 2020, 10, 650.	1.6	14
102	Evaluation of the decay resistance properties of <i>Cerbera odollam</i> extracts and their influence on properties of particleboard. <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 1013-1017.	1.9	13
103	Mass attenuation coefficient of tannin-added <i>Rhizophora</i> spp. particleboards at 16.59–25.56 keV photons, and ¹³⁷ Cs and ⁶⁰ Co gamma energies. <i>Radiological Physics and Technology</i> , 2017, 10, 331-339.	1.0	13
104	Analysis of Surfactants by Thin-Layer Chromatography: A Review. <i>Tenside, Surfactants, Detergents</i> , 2010, 47, 73-80.	0.5	12
105	Synthesis, Antimicrobial and Cholinesterase Enzymes Inhibitory Activities of Indeno Imidazoles and X-Ray Crystal Structure of 3a,8a-Dihydroxy-1,3-diphenyl-1,3,3a,8a-tetrahydro-indeno[1,2-d]imidazole-2,8-dione. <i>Journal of Chemical Crystallography</i> , 2012, 42, 783-789.	0.5	12
106	Flame retardancy of particleboards made from oil palm trunk-poly(vinyl) alcohol with citric acid and calcium carbonate as additives. <i>Construction and Building Materials</i> , 2020, 263, 120906.	3.2	12
107	Optimization of binderless compressed veneer panel manufacturing process from oil palm trunk using response surface methodology. <i>Journal of Cleaner Production</i> , 2020, 265, 121757.	4.6	12
108	Ethanol fermentation by the thermotolerant yeast, <i>Kluyveromyces marxianus</i> TISTR5925, of extracted sap from old oil palm trunk. <i>AIMS Energy</i> , 2015, 3, 201-213.	1.1	12

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109	Properties of Particleboard Manufactured from Oil Palm Trunk Waste Using Polylactic Acid as a Natural Binder. <i>Waste and Biomass Valorization</i> , 2019, 10, 179-186.	1.8	11
110	Removal of Zinc (II) Ions from Aqueous Solutions Using Surfactant Modified Bamboo Sawdust. <i>Separation Science and Technology</i> , 2011, 46, 2275-2282.	1.3	10
111	Mixing Behavior of Cationic Hydrotropes with Anionic Surfactant Sodium Dodecyl Sulfate. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 1452-1458.	1.3	10
112	Development and evaluation of controlled release fertilizer using P(3HB-co-3HHx) on oil palm plants (nursery stage) and soil microbes. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 28, 101710.	1.5	10
113	Characterization of Rhizophora SPP. particleboards with SOY protein isolate modified with NaOH/IA-PAE adhesive for use as phantom material at photon energies of 16.59–25.26 keV. <i>Nuclear Engineering and Technology</i> , 2021, 53, 216-233.	1.1	10
114	Characterization of Different Parts of Oil Palm Fronds (<i>Elaeis Guineensis</i>) and Its Properties. <i>International Journal on Advanced Science, Engineering and Information Technology</i> , 2016, 6, 74.	0.2	10
115	Characterization and adsorption kinetic study of surfactant treated oil palm (<i>Elaeis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 50	1.0	10
116	Synthesis, Characterization, Crystal Structure, and Stability of 2-(5, 5-dimethyl-3-oxocyclohex-1-en-1-yl) Hydrazinecarbothioamide: A Combined Experimental and Theoretical Study. <i>ChemistrySelect</i> , 2017, 2, 6699-6709.	0.7	9
117	Synthesis of Ninhydrin Derivatives and their Anticancer, Antimicrobial and Cholinesterase Enzymes Inhibitory Activities. <i>Letters in Drug Design and Discovery</i> , 2012, 9, 767-774.	0.4	9
118	The composition of the extractives from unaffected and heartrot affected heartwood of <i>Acacia mangium</i> Willd. <i>European Journal of Wood and Wood Products</i> , 2001, 59, 61-66.	1.3	8
119	11 <i>H</i> -Indeno[1,2- <i>b</i>]quinoxalin-11-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o1494-o1494.	0.2	8
120	Detection of vascular bundles using cell wall birefringence on exposure to polarized light. <i>Industrial Crops and Products</i> , 2015, 65, 190-197.	2.5	8
121	Investigation of mass attenuation coefficient of almond gum bonded <i>Rhizophora</i> spp. particleboard as equivalent human tissue using XRF technique in the 16.6–25.3 keV photon energy. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2016, 39, 871-876.	1.4	8
122	Effect of Urea Formaldehyde Addition to the Dimensional Stability of Particle Board Made Using Glutardialdehyde Modified Corn Starch as Binder with FT-IR Analysis. <i>Materials Science Forum</i> , 0, 840, 108-111.	0.3	8
123	Extraction of fresh banana waste juice as non-cellulosic and non-food renewable feedstock for direct lipase production. <i>Renewable Energy</i> , 2018, 126, 431-436.	4.3	8
124	Lignin and soy flour as adhesive materials in the fabrication of <i>Rhizophora</i> spp. particleboard for medical physics applications. <i>Journal of Adhesion</i> , 2020, , 1-19.	1.8	8
125	Flame retardant properties of oil palm trunk particleboard with addition of epoxy resin as a binder and aluminium hydroxide and magnesium hydroxide as additives. <i>Bulletin of Materials Science</i> , 2019, 42, 1.	0.8	7
126	Chemical characterization from parenchyma and vascular bundle at different parts of oil palm trunk. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	7

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127	Sugarcane (<i>Saccharum officinarum</i> L.) bagasse binderless particleboard: Effect of hot pressing time study. <i>Materials Today: Proceedings</i> , 2020, 31, 313-317.	0.9	7
128	Analysis using image segmentation for the elemental composition of activated carbon. <i>MethodsX</i> , 2020, 7, 100983.	0.7	7
129	XRF Technique for the Evaluation of Gum Arabic Bonded <i>Rhizophora</i> spp. Particleboards as Tissue Equivalent Material. <i>International Journal of Applied Physics and Mathematics</i> , 2014, 4, 201-204.	0.3	7
130	Evaluation on Antioxidant Activity, Antifungal Activity and Total Phenols of 11 Selected Commercial Malaysian Timber Species. <i>Japan Agricultural Research Quarterly</i> , 2010, 44, 319-324.	0.1	6
131	9-(3,4-Dimethoxyphenyl)-3,4,5,6,7,9-hexahydroanthene-1,8(2 <i>H</i>)-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1449-o1449.	0.2	6
132	Properties of laminated panels made from compressed oil palm trunk. <i>Composites Part B: Engineering</i> , 2013, 52, 100-105.	5.9	6
133	Bio-nanocomposite Films Reinforced with Various Types of Cellulose Nanocrystals Isolated from Oil Palm Biomass Waste. <i>Waste and Biomass Valorization</i> , 2020, 11, 7017-7027.	1.8	6
134	Properties of native and blended oil palm starch with nano-silicon dioxide as binder for particleboard. <i>Journal of Building Engineering</i> , 2020, 29, 101151.	1.6	6
135	Scavenging of caffeine from aqueous medium through optimized H ₃ PO ₄ -activated <i>Acacia mangium</i> wood activated carbon: Statistical data of optimization. <i>Data in Brief</i> , 2020, 28, 105045.	0.5	6
136	<i>Rhizophora</i> spp. as potential phantom material in medical physics applications – A review. <i>Radiation Physics and Chemistry</i> , 2021, 189, 109731.	1.4	6
137	SYNTHESIS, CHARACTERIZATION AND ANTIMICROBIAL ACTIVITY OF FRIEDELIN [2, 3-d] SELENADIAZOLE. <i>Indonesian Journal of Chemistry</i> , 2009, 9, 285-288.	0.3	6
138	Preparation and Characterisation of Cellulose Nanocrystal/Alginate/Polyethylene Glycol Diacrylate (CNC/Alg/PEGDA) Hydrogel Using Double Network Crosslinking Technique for Bioprinting Application. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 771.	1.3	6
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