Othman Sulaiman

List of Publications by Year
in descending order

161	8,069	87888 38	51608 86
papers	citations	h-index	g-index

164	164	164	9148
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adsorption of methylene blue on low-cost adsorbents: A review. Journal of Hazardous Materials, 2010, 177, 70-80.	12.4	2,390
2	Adsorption of copper (II), chromium (III), nickel (II) and lead (II) ions from aqueous solutions by meranti sawdust. Journal of Hazardous Materials, 2009, 170, 969-977.	12.4	349
3	An overview of the oil palm industry in Malaysia and its waste utilization through thermochemical conversion, specifically via liquefaction. Renewable and Sustainable Energy Reviews, 2015, 50, 1469-1484.	16.4	295
4	Removal of Cu(II) and Pb(II) ions from aqueous solutions by adsorption on sawdust of Meranti wood. Desalination, 2009, 247, 636-646.	8.2	204
5	Chemical and thermal properties of lignins from oil palm biomass as a substitute for phenol in a phenol formaldehyde resin production. Carbohydrate Polymers, 2011, 86, 112-119.	10.2	193
6	Scavenging behaviour of meranti sawdust in the removal of methylene blue from aqueous solution. Journal of Hazardous Materials, 2009, 170, 357-365.	12.4	184
7	The use of date palm as a potential adsorbent for wastewater treatment: a review. Environmental Science and Pollution Research, 2012, 19, 1464-1484.	5.3	183
8	Management of urban solid waste: Vermicomposting a sustainable option. Resources, Conservation and Recycling, 2011, 55, 719-729.	10.8	171
9	Removal of Pesticides from Water and Wastewater by Different Adsorbents: A Review. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2010, 28, 231-271.	2.9	170
10	Cellulose nanocrystals isolated from oil palm trunk. Carbohydrate Polymers, 2015, 127, 202-208.	10.2	165
11	Comparison of surface properties of wood biomass activated carbons and their application against rhodamine B and methylene blue dye. Surfaces and Interfaces, 2018, 11, 1-13.	3.0	137
12	Optimized preparation for large surface area activated carbon from date (Phoenix dactylifera L.) stone biomass. Biomass and Bioenergy, 2014, 61, 167-178.	5.7	136
13	Characterization of raw materials and manufactured binderless particleboard from oil palm biomass. Materials & Design, 2011, 32, 246-254.	5.1	133
14	A novel agricultural waste adsorbent for the removal of lead (II) ions from aqueous solutions. Journal of Hazardous Materials, 2010, 182, 377-385.	12.4	128
15	Ethanol and lactic acid production using sap squeezed from old oil palm trunks felled for replanting. Journal of Bioscience and Bioengineering, 2010, 110, 322-325.	2.2	95
16	Old oil palm trunk: A promising source of sugars for bioethanol production. Biomass and Bioenergy, 2010, 34, 1608-1613.	5.7	92
17	Oil Palm Biomassâ€“Based Adsorbents for the Removal of Water Pollutantsâ€”A Review. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2011, 29, 177-222.	2.9	91
18	Optimization of activated carbon preparation from cassava stem using response surface methodology on surface area and yield. Journal of Cleaner Production, 2018, 198, 1422-1430.	9.3	91

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19	Oil Palm Biomass as a Precursor of Activated Carbons: A Review. Critical Reviews in Environmental Science and Technology, 2013, 43, 1117-1161.	12.8	89
20	Effect of acidic activating agents on surface area and surface functional groups of activated carbons produced from Acacia mangium wood. Journal of Analytical and Applied Pyrolysis, 2013, 104, 418-425.	5.5	89
21	Effect of particle geometry on the properties of binderless particleboard manufactured from oil palm trunk. Materials & Design, 2010, 31, 4251-4257.	5.1	79
22	Biopulping of lignocellulosic material using different fungal species: a review. Reviews in Environmental Science and Biotechnology, 2010, 9, 141-151.	8.1	78
23	Isolation and characterization of cellulose nanocrystals from parenchyma and vascular bundle of oil palm trunk (Elaeis guineensis). Carbohydrate Polymers, 2015, 134, 534-540.	10.2	76
24	THE POTENTIAL OF OIL PALM TRUNK BIOMASS AS AN ALTERNATIVE SOURCE FOR COMPRESSED WOOD. BioResources, 2012, 7, .	1.0	74
25	Influence of press temperature on the properties of binderless particleboard made from oil palm trunk. Materials & Design, 2011, 32, 2520-2525.	5.1	67
26	Evaluation on the suitability of some adhesives for laminated veneer lumber from oil palm trunks. Materials & Design, 2009, 30, 3572-3580.	5.1	61
27	Properties of particleboard made from rubberwood using modified starch as binder. Composites Part B: Engineering, 2013, 50, 259-264.	12.0	57
28	Using biomass residues from oil palm industry as a raw material for pulp and paper industry: potential benefits and threat to the environment. Environment, Development and Sustainability, 2013, 15, 367-383.	5.0	56
29	Properties of binderless particleboard from oil palm trunk with addition of polyhydroxyalkanoates. Composites Part B: Engineering, 2012, 43, 1109-1116.	12.0	54
30	Nanocellulose. , 2017, , 261-276.		50
31	Properties of cellulose nanocrystals from oil palm trunk isolated by total chlorine free method. Carbohydrate Polymers, 2017, 156, 409-416.	10.2	48
32	Adhesive application on particleboard from natural fibers: A review. Polymer Composites, 2020, 41, 4448-4460.	4.6	48
33	Kinetics for the Removal of Paraquat Dichloride from Aqueous Solution by Activated Date (Phoenix dactylifera) Stone Carbon. Journal of Dispersion Science and Technology, 2010, 31, 248-259.	2.4	47
34	Effect of sanding on surface roughness of rubberwood. Journal of Materials Processing Technology, 2009, 209, 3949-3955.	6.3	46
35	Partial replacement of urea-formaldehyde with modified oil palm starch based adhesive to fabricate particleboard. International Journal of Adhesion and Adhesives, 2018, 84, 1-8.	2.9	43
36	Influence of Chemical Components of Oil Palm on Properties of Binderless Particleboard. BioResources, 2013, 8, .	1.0	42

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37	Evaluation of properties of starch-based adhesives and particleboard manufactured from them. Journal of Adhesion Science and Technology, 2015, 29, 319-336.	2.6	42
38	Evaluation of shear strength of oil treated laminated bamboo. Bioresource Technology, 2006, 97, 2466-2469.	9.6	41
39	Characterization of rubberwood particleboard made using carboxymethyl starch mixed with polyvinyl alcohol as adhesive. Composites Part B: Engineering, 2020, 183, 107731.	12.0	41
40	Optimization study for preparation of activated carbon from Acacia mangium wood using phosphoric acid. Wood Science and Technology, 2014, 48, 1069-1083.	3.2	40
41	Surface characterization and comparative adsorption properties of Cr(VI) on pyrolysed adsorbents of Acacia mangium wood and Phoenix dactylifera L. stone carbon. Journal of Analytical and Applied Pyrolysis, 2012, 97, 19-28.	5.5	39
42	Removal of cadmium (II) from aqueous solutions by adsorption using meranti wood. Wood Science and Technology, 2012, 46, 221-241.	3.2	37
43	Physical and mechanical properties of flame retardant urea formaldehyde medium density fiberboard. Journal of Materials Processing Technology, 2009, 209, 635-640.	6.3	36
44	Adsorption of Copper (II) onto Different Adsorbents. Journal of Dispersion Science and Technology, 2010, 31, 918-930.	2.4	36
45	Sorption of Copper(II) and Nickel(II) Ions from Aqueous Solutions Using Calcium Oxide Activated Date (Phoenix dactylifera) Stone Carbon: Equilibrium, Kinetic, and Thermodynamic Studies. Journal of Chemical & Engineering Data, 2011, 56, 3607-3619.	1.9	36
46	Adsorption of Pb(II) Ions from Aqueous Solutions by Date Bead Carbon Activated with ZnCl2. Clean - Soil, Air, Water, 2011, 39, 392-399.	1.1	36
47	Influence of processing parameters on some properties of oil palm trunk binderless particleboard. European Journal of Wood and Wood Products, 2013, 71, 583-589.	2.9	36
48	Polyhydroxyalkanoate biosynthesis and simplified polymer recovery by a novel moderately halophilic bacterium isolated from hypersaline microbial mats. Journal of Applied Microbiology, 2013, 114, 384-395.	3.1	34
49	Evaluating biopulping as an alternative application on oil palm trunk using the white-rot fungus Trametes versicolor. International Biodeterioration and Biodegradation, 2013, 82, 96-103.	3.9	33
50	Measurement of some particleboard properties bonded with modified carboxymethyl starch of oil palm trunk. Measurement: Journal of the International Measurement Confederation, 2014, 53, 251-259.	5.0	33
51	Evaluation on some finishing properties of oil palm plywood. European Journal of Wood and Wood Products, 2008, 66, 5-10.	2.9	31
52	Properties of steam treated binderless particleboard made from oil palm trunks. Composites Part B: Engineering, 2014, 56, 344-349.	12.0	31
53	Optimization of press temperature and time for binderless particleboard manufactured from oil palm trunk biomass at different thickness levels. Materials Today Communications, 2015, 3, 87-95.	1.9	31
54	Antioxidant and antifungal activities of extracts from 15 selected hardwood species of Malaysian timber. European Journal of Wood and Wood Products, 2011, 69, 207-212.	2.9	30

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55	Characterization of Physically Activated Acacia mangium Wood-Based Carbon for the Removal of Methyl Orange Dye. BioResources, 2013, 8, .	1.0	30
56	Some of the properties of flame retardant medium density fiberboard made from rubberwood and recycled containers containing aluminum trihydroxide. Bioresource Technology, 2005, 96, 1826-1831.	9.6	28
57	Thin-Layer Chromatographic Analysis of Steroids: A Review. Tropical Journal of Pharmaceutical Research, 2010, 9, .	0.3	28
58	THIN-LAYER CHROMATOGRAPHY OF AMINO ACIDS: A REVIEW. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 1497-1516.	1.0	28
59	Optimum manufacturing parameters for compressed lumber from oil palm (Elaeis guineensis) trunks: Respond surface approach. Composites Part B: Engineering, 2012, 43, 988-996.	12.0	27
60	Measurement of some properties of binderless particleboards made from young and old oil palm trunks. Measurement: Journal of the International Measurement Confederation, 2014, 47, 813-819.	5.0	27
61	Response surface methodology approach for methyl orange dye removal using optimized Acacia mangium wood activated carbon. Wood Science and Technology, 2014, 48, 1085-1105.	3.2	27
62	A Model of Drying Kinetics ofAcacia mangiumWood at Different Temperatures. Drying Technology, 2014, 32, 361-370.	3.1	27
63	Biodegradation of fibrillated oil palm trunk fiber by a novel thermophilic, anaerobic, xylanolytic bacterium Caldicoprobacter sp. CL-2 isolated from compost. Enzyme and Microbial Technology, 2018, 111, 21-28.	3.2	27
64	Effects of cold setting adhesives on properties of laminated veneer lumber from oil palm trunks in comparison with rubberwood. European Journal of Wood and Wood Products, 2011, 69, 53-61.	2.9	26
65	Evaluation of the Properties of Particleboard Made Using Oil Palm Starch Modified with Epichlorohydrin. BioResources, 2012, 8, .	1.0	26
66	Potential of Oil Palm Trunk Sap as a Novel Inexpensive Renewable Carbon Feedstock for Polyhydroxyalkanoate Biosynthesis and as a Bacterial Growth Medium. Clean - Soil, Air, Water, 2012, 40, 310-317.	1.1	26
67	Comparative study of oil palm trunk and rice husk as fillers in gypsum composite for building material. Construction and Building Materials, 2019, 197, 526-532.	7.2	26
68	Efficient ethanol production from separated parenchyma and vascular bundle of oil palm trunk. Bioresource Technology, 2012, 125, 37-42.	9.6	25
69	Effect of treated particles on the properties of particleboard made from oil palm trunk. Materials & Design, 2014, 64, 769-774.	5.1	25
70	Moisture Distribution in Stems of Acacia mangium, A. auriculiformis and Hybrid Acacia Trees. Japan Agricultural Research Quarterly, 2003, 37, 207-212.	0.4	22
71	Drying kinetics of oil palm trunk waste in control atmosphere and open air convection drying. International Journal of Heat and Mass Transfer, 2014, 68, 14-20.	4.8	21
72	Synthesis, characterization, antimicrobial and enzymatic activity of 4b,9b-dihydroxy-7,8-dihydro-4bH-indeno[1,2-b]benzofuran-9,10(6H,9bH)-dione. Journal of Molecular Structure, 2011, 1006, 318-323.	3.6	20

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73	Adsorption of Copper (II) Ions onto Surfactant-Modified Oil Palm Leaf Powder. Journal of Dispersion Science and Technology, 2011, 32, 1641-1648.	2.4	20
74	A novel caryophyllene type sesquiterpene lactone from Asparagus falcatus (Linn.); Structure elucidation and anti-angiogenic activity on HUVECs. European Journal of Medicinal Chemistry, 2012, 47, 601-607.	5.5	19
75	In vitro antioxidant and antidiabetic activites of Gluta torquata. Industrial Crops and Products, 2015, 76, 755-760.	5.2	19
76	Development of sap compressing systems from oil palm trunk. Biomass and Bioenergy, 2013, 51, 8-16.	5.7	17
77	Influence of steam treatment on the properties of particleboard made from oil palm trunk with addition of polyhydroxyalkanoates. Industrial Crops and Products, 2013, 51, 334-341.	5.2	17
78	Detoxification of Sap from Felled Oil Palm Trunks for the Efficient Production of Lactic Acid. Applied Biochemistry and Biotechnology, 2017, 183, 412-425.	2.9	17
79	Adsorption Equilibrium and Thermodynamic Studies of Copper (II) Ions from Aqueous Solutions by Oil Palm Leaves. International Journal of Chemical Reactor Engineering, 2010, 8, .	1.1	16
80	Estimation of the Ratio of Vascular Bundles to Parenchyma Tissue in Oil Palm Trunks using NIR Spectroscopy. BioResources, 2013, 8, .	1.0	16
81	Kinetics, Thermodynamics, and Isotherms of Methylene Blue Adsorption Study onto Cassava Stem Activated Carbon. Water (Switzerland), 2021, 13, 2936.	2.7	16
82	Two Antifungal Xanthones from the Heartwood of Calophyllum Symingtonianum. Japan Agricultural Research Quarterly, 2012, 46, 181-185.	0.4	15
83	Bioprospecting medicinal plants for antioxidant components. Asian Pacific Journal of Tropical Medicine, 2014, 7, S553-S559.	0.8	15
84	Evaluation on layering effects and adhesive rates of laminated compressed composite panels made from oil palm (Elaeis guineensis) fronds. Materials & Design, 2015, 68, 24-28.	5.1	15
85	Surface measurement of binderless bio-composite particleboard through contact angle and fractal surfaces. Measurement: Journal of the International Measurement Confederation, 2019, 140, 365-372.	5.0	15
86	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. Journal of Molecular Structure, 2011, 1005, 152-155.	3.6	14
87	Removal of chemically hazardous p-hydroxybenzoic acid during total chlorine free bleaching process of Hevea Brasiliensis. Journal of Cleaner Production, 2012, 25, 68-72.	9.3	14
88	Measurement of some properties of binderless composites manufactured from oil palm trunks and Acacia mangium. Measurement: Journal of the International Measurement Confederation, 2014, 50, 250-254.	5.0	14
89	Subcritical Water Extraction of Low-molecular-weight Phenolic Compounds from Oil Palm Biomass. Japan Agricultural Research Quarterly, 2014, 48, 355-362.	0.4	14
90	Small temperature variations are a key regulator of reproductive growth and assimilate storage in oil palm (Elaeis guineensis). Scientific Reports, 2020, 10, 650.	3.3	14

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91	Evaluation of the decay resistance properties of Cerbera odollam extracts and their influence on properties of particleboard. International Biodeterioration and Biodegradation, 2009, 63, 1013-1017.	3.9	13
92	Analysis of Surfactants by Thin-Layer Chromatography: A Review. Tenside, Surfactants, Detergents, 2010, 47, 73-80.	1.2	12
93	Sorption Equilibrium and Thermodynamic Studies of Zinc (II) Ions from Aqueous Solutions by Bamboo Sawdust. Journal of Dispersion Science and Technology, 2011, 32, 583-590.	2.4	12
94	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. Journal of Chemical Crystallography, 2012, 42, 783-789.	1.1	12
95	Flame retardancy of particleboards made from oil palm trunk-poly(vinyl) alcohol with citric acid and calcium carbonate as additives. Construction and Building Materials, 2020, 263, 120906.	7.2	12
96	Optimization of binderless compressed veneer panel manufacturing process from oil palm trunk using response surface methodology. Journal of Cleaner Production, 2020, 265, 121757.	9.3	12
97	Properties of Particleboard Manufactured from Oil Palm Trunk Waste Using Polylactic Acid as a Natural Binder. Waste and Biomass Valorization, 2019, 10, 179-186.	3.4	11
98	Quality management of the bamboo resource and its contribution to environmental conservation in Malaysia. Management of Environmental Quality, 2007, 18, 643-656.	4.3	10
99	Removal of Zinc (II) Ions from Aqueous Solutions Using Surfactant Modified Bamboo Sawdust. Separation Science and Technology, 2011, 46, 2275-2282.	2.5	10
100	9-(3,4-Dimethoxyphenyl)-3,3,6,6-tetramethyl-4,5,6,9-tetrahydro-3H-xanthene-1,8(2H,7H)-dione. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1719-o1720.	0.2	10
101	Mixing Behavior of Cationic Hydrotropes with Anionic Surfactant Sodium Dodecyl Sulfate. Journal of Dispersion Science and Technology, 2011, 32, 1452-1458.	2.4	10
102	Glutardialdehyde Modified Corn Starch â€“ Urea Formaldehyde Resin as a Binder for Particleboard Making. Applied Mechanics and Materials, 0, 754-755, 89-93.	0.2	9
103	Characterization and adsorption kinetic study of surfactant treated oil palm (Elaeis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.0	9
104	Synthesis, Characterization, Crystal Structure, and Stability of 2â€(5, 5â€dimethylâ€3â€oxocyclohexâ€1â€enâ€1â€yl) Hydrazinecarbothioamide: A Combined Experimental and Theoretical Study. ChemistrySelect, 2017, 2, 6699-6709.	1.5	9
105	Synthesis of Ninhydrin Derivatives and their Anticancer, Antimicrobial and Cholinesterase Enzymes Inhibitory Activities. Letters in Drug Design and Discovery, 2012, 9, 767-774.	0.7	9
106	11H-Indeno[1,2-b]quinoxalin-11-one. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1494-o1494.	0.2	8
107	In-vitro DNA binding and cleavage studies with pBR322 of N,N-Bis(3Î²-acetoxy-5Î±-cholest-6-yl-idene)hydrazine. Journal of Luminescence, 2012, 132, 2178-2181.	3.1	8
108	Detection of vascular bundles using cell wall birefringence on exposure to polarized light. Industrial Crops and Products, 2015, 65, 190-197.	5.2	8

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109	Properties of Laminated Veneer Lumbers from Oil Palm Trunks. Journal of Plant Sciences, 2008, 3, 255-259.	0.2	8
110	Flame retardant properties of oil palm trunk particleboard with addition of epoxy resin as a binder and aluminium hydroxide and magnesium hydroxide as additives. Bulletin of Materials Science, 2019, 42, 1.	1.7	7
111	Chemical characterization from parenchyma and vascular bundle at different parts of oil palm trunk. AIP Conference Proceedings, 2019, , .	0.4	7
112	Sugarcane (Saccharum officinarium L.) bagasse binderless particleboard: Effect of hot pressing time study. Materials Today: Proceedings, 2020, 31, 313-317.	1.8	7
113	Evaluation on Antioxidant Activity, Antifungal Activity and Total Phenols of 11 Selected Commercial Malaysian Timber Species. Japan Agricultural Research Quarterly, 2010, 44, 319-324.	0.4	6
114	Oxidative Degradation of Acetaminophen by Permanganate in Neutral Medium-A Kinetic and Mechanistic Pathway. Journal of Dispersion Science and Technology, 2011, 32, 217-223.	2.4	6
115	Properties of laminated panels made from compressed oil palm trunk. Composites Part B: Engineering, 2013, 52, 100-105.	12.0	6
116	Bio-nanocomposite Films Reinforced with Various Types of Cellulose Nanocrystals Isolated from Oil Palm Biomass Waste. Waste and Biomass Valorization, 2020, 11, 7017-7027.	3.4	6
117	Properties of native and blended oil palm starch with nano-silicon dioxide as binder for particleboard. Journal of Building Engineering, 2020, 29, 101151.	3.4	6
118	Effect of Incorporation of Flame Retardants on Some of the Properties of Phenol Formaldehyde Medium Density Fiberboard. International Journal of Agricultural Research, 2008, 3, 331-339.	0.1	6
119	Thermodynamic Parameters of Anionic Surfactantâ^'Additive Systems at the Cloud Point. Journal of Chemical & Engineering Data, 2010, 55, 5055-5058.	1.9	5
120	Transformation of Acetaminophen by Dichromate Oxidation Produces the Toxicants 1,4-Benzoquinone and Ammonium Ions. Journal of Dispersion Science and Technology, 2011, 32, 710-716.	2.4	5
121	Crystal structure, ab initio calculations and fingerprint plots of a new polymorph of Nâ€²,Nâ€³,Nâ€³â€²-triphenylbiuret. Journal of Molecular Structure, 2011, 995, 66-71.	3.6	5
122	Phytochemical analysis, cytotoxic activity and constituentsâ€“activity relationships of the leaves ofCinnamomum iners(Reinw. ex Blume-Lauraceae). Natural Product Research, 2011, 26, 1-4.	1.8	5
123	Identification and separation of lead (II), nickel (II), and cobalt (II) on silica gel 60 F254high-performance thin-layer chromatographic plates with mixed aqueous sodium dodecyl sulfate-oxalic acid solvent system. Journal of Planar Chromatography - Modern TLC, 2012, 25, 355-357.	1.2	5
124	Improved performance of compressed oil palm trunk prepared from modified pre-steaming technique. Journal of the Indian Academy of Wood Science, 2016, 13, 1-7.	0.9	5
125	AN ASSAY FOR SELECTION OF SERA WITH CIRCULATINGTOXOPLASMA GONDIIANTIGENS. Journal of Immunoassay and Immunochemistry, 2009, 31, 79-91.	1.1	4
126	Isolation and Crystal Structure Determination of 3,5,4â€²-Trihydroxy-6,7-Dimethoxy-Flavone (Eupalitin) from Asparagus falcatus (Linn.). Journal of Chemical Crystallography, 2010, 40, 510-513.	1.1	4

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127	Resolution of a Fiveâ€€Component Mixture of Quaternary Ammonium Surfactants on Silica Gel 60 F₂₅₄ High Performance Thin Layer Chromatographic Plates. Journal of Surfactants and Detergents, 2011, 14, 301-305.	2.1	4
128	3Î²-Acetoxy-5Î±-cholestan-6-one 2-cyanoacetylhydrazone. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o473-o474.	0.2	4
129	Effect of Adhesive Spreading Rate on the Performance of Laminated Compressed Oil Palm Trunks. BioResources, 2015, 10, .	1.0	4
130	Mechanical and physical properties of binderless particleboard made from oil palm empty fruit bunch (OPEFB) with addition of natural binder. Materials Today: Proceedings, 2020, 31, 287-291.	1.8	4
131	Glutardialdehyde modified starch from waste oil palm trunks as a binder for wood composite making. International Journal of Adhesion and Adhesives, 2021, 104, 102757.	2.9	4
132	Green Binderless Board from Oil Palm Biomass. , 2016, , 175-186.		3
133	A facile approach for the synthesis of indenoimidazole derivatives and their supramolecular study. Journal of Chemical Sciences, 2016, 128, 1841-1847.	1.5	3
134	Physical and mechanical properties of juvenile wood from Neolamarckia cadamba planted in west Malaysia. Maderas: Ciencia Y Tecnologia, 2017, , 0-0.	0.7	3
135	2-(4-Methylcyclohex-3-enyl)propan-2-ylN-phenylcarbamate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1889-o1890.	0.2	2
136	Fingerprint chemotaxonomic GCâ€“TOFMS profile of wood and bark of mangrove tree Sonneratia caseolaris (L.) Engl.. Journal of Saudi Chemical Society, 2011, 15, 229-237.	5.2	2
137	Cholest-5-ene. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1368-o1368.	0.2	2
138	Effect of pretreatment using microorganism on production of pulp from oil palm trunk. International Wood Products Journal, 2011, 2, 89-94.	1.1	2
139	Synthesis, characterization and cholinesterase enzymes inhibitory activity of 1-[3-methyl-5-(2,6,6-trimethyl-cyclohex-1-enyl)-4,5-dihydro-pyrazol-1-yl]-ethanone. Journal of Molecular Structure, 2013, 1049, 488-493.	3.6	2
140	Analysis of Free Sugar and Starch in Oil Palm Trunks (Elaeis Guineensis Jacq.) from Various Cultivars as a Feedstock for Bioethanol Production. International Journal of Green Energy, 2015, , 150218144136008.	3.8	2
141	Fungal Resistance of Particleboard Made Using Glutardialdehyde Modified Corn Starch as the Binder with the Aid of Urea Formaldehyde Resin. International Journal of Engineering and Technology(UAE), 2018, 7, 23.	0.3	2
142	Cholest-5-en-3Î²-ylN-phenylcarbamate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o3231-o3231.	0.2	2
143	Assessment of Sodum Benzoate Corrosion Inhibitor on AA6063 in Wate. Biosciences, Biotechnology Research Asia, 2013, 10, 637-643.	0.5	2
144	Study on Dimensional Stability Properties of Laminated Veneer Lumber from Oil Palm Trunk Bonded with Different Cold Set Adhesives. Journal of Applied Sciences, 2013, 13, 994-1003.	0.3	2

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145	A second monoclinic polymorph of 3Î²-chlorocholest-5-ene. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1249-o1250.	0.2	1
146	Cyclohexane-1,3-diyl bis(N-phenylcarbamate). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2406-o2407.	0.2	1
147	2,2,4-Trimethyl-7-nitro-2,3-dihydro-1H-1,5-benzodiazepin-5-ium perchlorate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1845-o1845.	0.2	1
148	2-Methyl-5-nitro-1H-benzimidazole monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1523-o1524.	0.2	1
149	5-[(E)-(2-Hydroxybenzylidene)amino]-1H-1,3-benzimidazole-2(3H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o144-o145.	0.2	1
150	Isothermal drying kinetics of oil palm trunk: Energy and shrinkage evaluation. Environmental Progress and Sustainable Energy, 2017, 36, 1244-1252.	2.3	1
151	Improved Physical and Chemical Properties of Rubber Wood (Hevea brasiliensis) Fiber by Laccase. Asian Journal of Agricultural Research, 2015, 9, 166-172.	0.4	1
152	Reactive oxygen species scavenging capacities of oil palm trunk sap evaluated using the electron spin resonance spin trapping method. Industrial Crops and Products, 2022, 182, 114887.	5.2	1
153	Synthesis, Crystal Structure and ab initio Studies of Cyclohexyl N-Phenylcarbamate. Journal of Chemical Crystallography, 2010, 40, 1150-1154.	1.1	0
154	Cholest-5-en-7-one. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1668-o1668.	0.2	0
155	Effect of Microwave Treatment on Density of Gigantochloa Scortechinii (Semantan) Bamboo Strips. , 2010, , .		0
156	Synthesis, Crystal Structure, Ab Initio Studies and Fingerprint Plots of 2-Chloro-1,3-dioxo-2,3-dihydro-1H-inden-2-yl acetate. Journal of Chemical Crystallography, 2011, 41, 1688-1693.	1.1	0
157	Synthesis, Crystal Structure and ab Initio Studies of 5-Phenylamino-3-phenylimino-3H[1, 2]dithiole-4-carboxylic acid ethyl ester. Journal of Chemical Crystallography, 2011, 41, 1889-1893.	1.1	0
158	N,Nâ€²-Bis(3Î²-acetoxy-5Î±-cholest-6-ylidene)hydrazine. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o522-o523.	0.2	0
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160	Redetermination of ethyl (3a-cis)-3a,8b-dihydroxy-2-methyl-4-oxo-3a,8b-dihydro-4H-indeno[1,2-b]furan-3-carboxylate monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2616-o2616.	0.2	0
161	3Î²-Chlorocholest-5-en-7-one. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o688-o688.	0.2	0