

Othman Sulaiman

List of Publications by Year in descending order

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164
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times ranked

9148
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive oxygen species scavenging capacities of oil palm trunk sap evaluated using the electron spin resonance spin trapping method. <i>Industrial Crops and Products</i> , 2022, 182, 114887.	5.2	1
2	Glutardialdehyde modified starch from waste oil palm trunks as a binder for wood composite making. <i>International Journal of Adhesion and Adhesives</i> , 2021, 104, 102757.	2.9	4
3	Kinetics, Thermodynamics, and Isotherms of Methylene Blue Adsorption Study onto Cassava Stem Activated Carbon. <i>Water (Switzerland)</i> , 2021, 13, 2936.	2.7	16
4	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.	3.4	6
5	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.	3.4	6
6	Characterization of rubberwood particleboard made using carboxymethyl starch mixed with polyvinyl alcohol as adhesive. <i>Composites Part B: Engineering</i> , 2020, 183, 107731.	12.0	41
7	Sugarcane (<i>Saccharum officinarum</i> L.) bagasse binderless particleboard: Effect of hot pressing time study. <i>Materials Today: Proceedings</i> , 2020, 31, 313-317.	1.8	7
8	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.	7.2	12
9	Adhesive application on particleboard from natural fibers: A review. <i>Polymer Composites</i> , 2020, 41, 4448-4460.	4.6	48
10	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.	9.3	12
11	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.	1.8	4
12	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.	3.3	14
13	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.	1.7	7
14	Chemical characterization from parenchyma and vascular bundle at different parts of oil palm trunk. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	7
15	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.	5.0	15
16	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.	7.2	26
17	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.	3.4	11
18	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.	2.9	43

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19	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.	3.0	137
20	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.	3.2	27
21	Fungal Resistance of Particleboard Made Using Glutaraldehyde Modified Corn Starch as the Binder with the Aid of Urea Formaldehyde Resin. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 23.	0.3	2
22	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.	9.3	91
23	Isothermal drying kinetics of oil palm trunk: Energy and shrinkage evaluation. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1244-1252.	2.3	1
24	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.	2.9	17
25	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.	1.5	9
26	Properties of cellulose nanocrystals from oil palm trunk isolated by total chlorine free method. <i>Carbohydrate Polymers</i> , 2017, 156, 409-416.	10.2	48
27	Nanocellulose. , 2017, , 261-276.		50
28	Physical and mechanical properties of juvenile wood from <i>Neolamarckia cadamba</i> planted in west Malaysia. <i>Maderas: Ciencia Y Tecnologia</i> , 2017, , 0-0.	0.7	3
29	Green Binderless Board from Oil Palm Biomass. , 2016, , 175-186.		3
30	A facile approach for the synthesis of indenoimidazole derivatives and their supramolecular study. <i>Journal of Chemical Sciences</i> , 2016, 128, 1841-1847.	1.5	3
31	Improved performance of compressed oil palm trunk prepared from modified pre-steaming technique. <i>Journal of the Indian Academy of Wood Science</i> , 2016, 13, 1-7.	0.9	5
32	Characterization and adsorption kinetic study of surfactant treated oil palm (<i>Elaeis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (gu	1.0	9
33	Effect of Adhesive Spreading Rate on the Performance of Laminated Compressed Oil Palm Trunks. <i>BioResources</i> , 2015, 10, .	1.0	4
34	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.	1.9	31
35	Evaluation of properties of starch-based adhesives and particleboard manufactured from them. <i>Journal of Adhesion Science and Technology</i> , 2015, 29, 319-336.	2.6	42
36	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.	16.4	295

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37	Cellulose nanocrystals isolated from oil palm trunk. Carbohydrate Polymers, 2015, 127, 202-208.	10.2	165
38	Analysis of Free Sugar and Starch in Oil Palm Trunks (<i>Elaeis Guineensis</i> Jacq.) from Various Cultivars as a Feedstock for Bioethanol Production. International Journal of Green Energy, 2015, , 150218144136008.	3.8	2
39	Crystal structure of 2-(1,3-dioxindan-2-yl)isoquinoline-1,3,4-trione. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o6-o7.	0.5	0
40	In vitro antioxidant and antidiabetic activities of <i>Gluta torquata</i> . Industrial Crops and Products, 2015, 76, 755-760.	5.2	19
41	Isolation and characterization of cellulose nanocrystals from parenchyma and vascular bundle of oil palm trunk (<i>Elaeis guineensis</i>). Carbohydrate Polymers, 2015, 134, 534-540.	10.2	76
42	Evaluation on layering effects and adhesive rates of laminated compressed composite panels made from oil palm (<i>Elaeis guineensis</i>) fronds. Materials & Design, 2015, 68, 24-28.	5.1	15
43	Detection of vascular bundles using cell wall birefringence on exposure to polarized light. Industrial Crops and Products, 2015, 65, 190-197.	5.2	8
44	Improved Physical and Chemical Properties of Rubber Wood (<i>Hevea brasiliensis</i>) Fiber by Laccase. Asian Journal of Agricultural Research, 2015, 9, 166-172.	0.4	1
45	Bioprospecting medicinal plants for antioxidant components. Asian Pacific Journal of Tropical Medicine, 2014, 7, S553-S559.	0.8	15
46	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
47	Optimized preparation for large surface area activated carbon from date (<i>Phoenix dactylifera</i> L.) stone biomass. Biomass and Bioenergy, 2014, 61, 167-178.	5.7	136
48	Properties of steam treated binderless particleboard made from oil palm trunks. Composites Part B: Engineering, 2014, 56, 344-349.	12.0	31
49	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
50	Effect of treated particles on the properties of particleboard made from oil palm trunk. Materials & Design, 2014, 64, 769-774.	5.1	25
51	Optimization study for preparation of activated carbon from <i>Acacia mangium</i> wood using phosphoric acid. Wood Science and Technology, 2014, 48, 1069-1083.	3.2	40
52	Response surface methodology approach for methyl orange dye removal using optimized <i>Acacia mangium</i> wood activated carbon. Wood Science and Technology, 2014, 48, 1085-1105.	3.2	27
53	A Model of Drying Kinetics of <i>Acacia mangium</i> Wood at Different Temperatures. Drying Technology, 2014, 32, 361-370.	3.1	27
54	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

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55	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
56	Subcritical Water Extraction of Low-molecular-weight Phenolic Compounds from Oil Palm Biomass. Japan Agricultural Research Quarterly, 2014, 48, 355-362.	0.4	14
57	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
58	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
59	Development of sap compressing systems from oil palm trunk. Biomass and Bioenergy, 2013, 51, 8-16.	5.7	17
60	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
61	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
62	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
63	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
64	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
65	Properties of laminated panels made from compressed oil palm trunk. Composites Part B: Engineering, 2013, 52, 100-105.	12.0	6
66	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
67	Properties of particleboard made from rubberwood using modified starch as binder. Composites Part B: Engineering, 2013, 50, 259-264.	12.0	57
68	Estimation of the Ratio of Vascular Bundles to Parenchyma Tissue in Oil Palm Trunks using NIR Spectroscopy. BioResources, 2013, 8, .	1.0	16
69	Characterization of Physically Activated Acacia mangium Wood-Based Carbon for the Removal of Methyl Orange Dye. BioResources, 2013, 8, .	1.0	30
70	Influence of Chemical Components of Oil Palm on Properties of Binderless Particleboard. BioResources, 2013, 8, .	1.0	42
71	Assessment of Sodium Benzoate Corrosion Inhibitor on AA6063 in Waste. Biosciences, Biotechnology Research Asia, 2013, 10, 637-643.	0.5	2
72	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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73	3 ¹ -Acetoxy-5 ¹ -cholestan-6-one 2-cyanoacetylhydrazone. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o473-o474.	0.2	4
74	Two Antifungal Xanthenes from the Heartwood of Calophyllum Symingtonianum. Japan Agricultural Research Quarterly, 2012, 46, 181-185.	0.4	15
75	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
76	Efficient ethanol production from separated parenchyma and vascular bundle of oil palm trunk. Bioresource Technology, 2012, 125, 37-42.	9.6	25
77	THIN-LAYER CHROMATOGRAPHY OF AMINO ACIDS: A REVIEW. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 1497-1516.	1.0	28
78	Evaluation of the Properties of Particleboard Made Using Oil Palm Starch Modified with Epichlorohydrin. BioResources, 2012, 8, .	1.0	26
79	Identification and separation of lead (II), nickel (II), and cobalt (II) on silica gel 60 F254 high-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
80	THE POTENTIAL OF OIL PALM TRUNK BIOMASS AS AN ALTERNATIVE SOURCE FOR COMPRESSED WOOD. BioResources, 2012, 7, .	1.0	74
81	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
82	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
83	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
84	Properties of binderless particleboard from oil palm trunk with addition of polyhydroxyalkanoates. Composites Part B: Engineering, 2012, 43, 1109-1116.	12.0	54
85	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
86	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
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	In-vitro DNA binding and cleavage studies with pBR322 of N,N-Bis(3 ¹ -acetoxy-5 ¹ -cholest-6-yl-idene)hydrazine. Journal of Luminescence, 2012, 132, 2178-2181.	3.1	8
89	Removal of cadmium (II) from aqueous solutions by adsorption using meranti wood. Wood Science and Technology, 2012, 46, 221-241.	3.2	37
90	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

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91	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
92	Removal of Zinc (II) Ions from Aqueous Solutions Using Surfactant Modified Bamboo Sawdust. <i>Separation Science and Technology</i> , 2011, 46, 2275-2282.	2.5	10
93	2-Methyl-5-nitro-1H-benzimidazole monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1523-o1524.	0.2	1
94	Transformation of Acetaminophen by Dichromate Oxidation Produces the Toxicants 1,4-Benzoquinone and Ammonium Ions. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 710-716.	2.4	5
95	Oxidative Degradation of Acetaminophen by Permanganate in Neutral Medium—A Kinetic and Mechanistic Pathway. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 217-223.	2.4	6
96	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.	1.9	36
97	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.	3.6	14
98	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.	3.6	20
99	Synthesis, Crystal Structure, Ab Initio Studies and Fingerprint Plots of 2-Chloro-1,3-dioxo-2,3-dihydro-1H-inden-2-yl acetate. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1688-1693.	1.1	0
100	Synthesis, Crystal Structure and ab Initio Studies of 5-Phenylamino-3-phenylimino-3H[1,2]dithiole-4-carboxylic acid ethyl ester. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1889-1893.	1.1	0
101	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.	2.9	26
102	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.	2.9	30
103	Crystal structure, ab initio calculations and fingerprint plots of a new polymorph of N,N',N''-tri(phenyl)biuret. <i>Journal of Molecular Structure</i> , 2011, 995, 66-71.	3.6	5
104	Resolution of a Five-Component Mixture of Quaternary Ammonium Surfactants on Silica Gel 60 High Performance Thin Layer Chromatographic Plates. <i>Journal of Surfactants and Detergents</i> , 2011, 14, 301-305.	2.1	4
105	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.	1.1	36
106	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.	10.2	193
107	Fingerprint chemotaxonomic GC-TOFMS profile of wood and bark of mangrove tree <i>Sonneratia caseolaris</i> (L.) Engl.. <i>Journal of Saudi Chemical Society</i> , 2011, 15, 229-237.	5.2	2
108	Characterization of raw materials and manufactured binderless particleboard from oil palm biomass. <i>Materials & Design</i> , 2011, 32, 246-254.	5.1	133

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109	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
110	Management of urban solid waste: Vermicomposting a sustainable option. <i>Resources, Conservation and Recycling</i> , 2011, 55, 719-729.	10.8	171
111	5-[(E)-(2-Hydroxybenzylidene)amino]-1H-1,3-benzimidazole-2(3H)-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o144-o145.	0.2	1
112	Cholest-5-ene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1368-o1368.	0.2	2
113	9-(3,4-Dimethoxyphenyl)-3,3,6,6-tetramethyl-4,5,6,9-tetrahydro-3 <i>H</i> -xanthene-1,8(2 <i>H</i>)-7 <i>H</i> -dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1719-o1720.	0.2	10
114	Phytochemical analysis, cytotoxic activity and constituents' activity relationships of the leaves of <i>Cinnamomum iners</i> (Reinw. ex Blume-Lauraceae). <i>Natural Product Research</i> , 2011, 26, 1-4.	1.8	5
115	N,N'-Bis(3-acetoxy-5-cholest-6-ylidene)hydrazine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o522-o523.	0.2	0
116	Effect of pretreatment using microorganism on production of pulp from oil palm trunk. <i>International Wood Products Journal</i> , 2011, 2, 89-94.	1.1	2
117	Sorption Equilibrium and Thermodynamic Studies of Zinc (II) Ions from Aqueous Solutions by Bamboo Sawdust. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 583-590.	2.4	12
118	Adsorption of Copper (II) Ions onto Surfactant-Modified Oil Palm Leaf Powder. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 1641-1648.	2.4	20
119	Mixing Behavior of Cationic Hydrotropes with Anionic Surfactant Sodium Dodecyl Sulfate. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 1452-1458.	2.4	10
120	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.	0.4	6
121	Adsorption of methylene blue on low-cost adsorbents: A review. <i>Journal of Hazardous Materials</i> , 2010, 177, 70-80.	12.4	2,390
122	Isolation and Crystal Structure Determination of 3,5,4-Trihydroxy-6,7-Dimethoxy-Flavone (Eupalitin) from <i>Asparagus falcatus</i> (Linn.). <i>Journal of Chemical Crystallography</i> , 2010, 40, 510-513.	1.1	4
123	Synthesis, Crystal Structure and ab initio Studies of Cyclohexyl N-Phenylcarbamate. <i>Journal of Chemical Crystallography</i> , 2010, 40, 1150-1154.	1.1	0
124	Biopulping of lignocellulosic material using different fungal species: a review. <i>Reviews in Environmental Science and Biotechnology</i> , 2010, 9, 141-151.	8.1	78
125	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.	2.2	95
126	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.	12.4	128

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127	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
128	Old oil palm trunk: A promising source of sugars for bioethanol production. <i>Biomass and Bioenergy</i> , 2010, 34, 1608-1613.	5.7	92
129	Thin-Layer Chromatographic Analysis of Steroids: A Review. <i>Tropical Journal of Pharmaceutical Research</i> , 2010, 9, .	0.3	28
130	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, .	1.1	16
131	A second monoclinic polymorph of 3 β -chlorocholest-5-ene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o1249-o1250.	0.2	1
132	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
133	Cyclohexane-1,3-diyl bis(N-phenylcarbamate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2406-o2407.	0.2	1
134	Cholest-5-en-7-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o1668-o1668.	0.2	0
135	2,2,4-Trimethyl-7-nitro-2,3-dihydro-1 <i>H</i> -1,5-benzodiazepin-5-ium perchlorate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o1845-o1845.	0.2	1
136	2-(4-Methylcyclohex-3-enyl)propan-2-yl-N-phenylcarbamate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o1889-o1890.	0.2	2
137	Effect of Microwave Treatment on Density of Gigantochloa Scortechinii (Semantan) Bamboo Strips. , 2010, , .		0
138	Analysis of Surfactants by Thin-Layer Chromatography: A Review. <i>Tenside, Surfactants, Detergents</i> , 2010, 47, 73-80.	1.2	12
139	Adsorption of Copper (II) onto Different Adsorbents. <i>Journal of Dispersion Science and Technology</i> , 2010, 31, 918-930.	2.4	36
140	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.	2.4	47
141	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
142	Thermodynamic Parameters of Anionic Surfactant Additive Systems at the Cloud Point. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 5055-5058.	1.9	5
143	3 β -Chlorocholest-5-en-7-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o688-o688.	0.2	0
144	AN ASSAY FOR SELECTION OF SERA WITH CIRCULATING TOXOPLASMA GONDII ANTIGENS. <i>Journal of Immunoassay and Immunochemistry</i> , 2009, 31, 79-91.	1.1	4

#	ARTICLE	IF	CITATIONS
145	Evaluation on the suitability of some adhesives for laminated veneer lumber from oil palm trunks. <i>Materials & Design</i> , 2009, 30, 3572-3580.	5.1	61
146	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.	3.9	13
147	Scavenging behaviour of meranti sawdust in the removal of methylene blue from aqueous solution. <i>Journal of Hazardous Materials</i> , 2009, 170, 357-365.	12.4	184
148	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.	12.4	349
149	Physical and mechanical properties of flame retardant urea formaldehyde medium density fiberboard. <i>Journal of Materials Processing Technology</i> , 2009, 209, 635-640.	6.3	36
150	Effect of sanding on surface roughness of rubberwood. <i>Journal of Materials Processing Technology</i> , 2009, 209, 3949-3955.	6.3	46
151	Removal of Cu(II) and Pb(II) ions from aqueous solutions by adsorption on sawdust of Meranti wood. <i>Desalination</i> , 2009, 247, 636-646.	8.2	204
152	Cholest-5-en-3 β -yl-N-phenylcarbamate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o3231-o3231.	0.2	2
153	Redetermination of ethyl (3a-cis)-3a,8b-dihydroxy-2-methyl-4-oxo-3a,8b-dihydro-4H-indeno[1,2-b]furan-3-carboxylate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o2616-o2616.	0.2	0
154	Evaluation on some finishing properties of oil palm plywood. <i>European Journal of Wood and Wood Products</i> , 2008, 66, 5-10.	2.9	31
155	Effect of Incorporation of Flame Retardants on Some of the Properties of Phenol Formaldehyde Medium Density Fiberboard. <i>International Journal of Agricultural Research</i> , 2008, 3, 331-339.	0.1	6
156	Properties of Laminated Veneer Lumbers from Oil Palm Trunks. <i>Journal of Plant Sciences</i> , 2008, 3, 255-259.	0.2	8
157	Quality management of the bamboo resource and its contribution to environmental conservation in Malaysia. <i>Management of Environmental Quality</i> , 2007, 18, 643-656.	4.3	10
158	Evaluation of shear strength of oil treated laminated bamboo. <i>Bioresource Technology</i> , 2006, 97, 2466-2469.	9.6	41
159	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.	9.6	28
160	Moisture Distribution in Stems of <i>Acacia mangium</i> , <i>A. auriculiformis</i> and Hybrid <i>Acacia</i> Trees. <i>Japan Agricultural Research Quarterly</i> , 2003, 37, 207-212.	0.4	22
161	Glutardialdehyde Modified Corn Starch α -Urea Formaldehyde Resin as a Binder for Particleboard Making. <i>Applied Mechanics and Materials</i> , 0, 754-755, 89-93.	0.2	9