

Rokiah Hashim

List of Publications by Year in descending order

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198
papers

8,259
citations

87723

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201
docs citations

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times ranked

9193
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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.	2.5	1
3	Estimation of linear and mass attenuation coefficients of soyâ€“lignin bonded Rhizophora spp. particleboard as a potential phantom material using caesium-137 and cobalt-60. <i>Radiation and Environmental Biophysics</i> , 2022, 61, 435-443.	0.6	1
4	Characterization of Rhizophora SPP. particleboards with SOY protein isolate modified with NaOH/IA-PAE adhesive for use as phantom material at photon energies of 16.59â€“25.26ÅkeV. <i>Nuclear Engineering and Technology</i> , 2021, 53, 216-233.	1.1	10
5	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.	1.4	4
6	Ceibapentandra (L.) Gaertn (Kapok) Seed Fibre as a Recycled Paper Reinforcement Pulp. <i>Waste and Biomass Valorization</i> , 2021, 12, 5175-5186.	1.8	4
7	Characterization of soy-lignin bonded Rhizophora spp. particleboard as substitute phantom material for radiation dosimetric studies â€“ Investigation of CT number, mass attenuation coefficient and effective atomic number. <i>Applied Radiation and Isotopes</i> , 2021, 170, 109601.	0.7	2
8	Influence of Different Percentages of Binders on the Physico-Mechanical Properties of Rhizophora spp. Particleboard as Natural-Based Tissue-Equivalent Phantom for Radiation Dosimetry Applications. <i>Polymers</i> , 2021, 13, 1868.	2.0	3
9	Improvements and limitation of soy proteinâ€“based adhesive: A review. <i>Polymer Engineering and Science</i> , 2021, 61, 2393-2405.	1.5	35
10	Rhizophora spp. as potential phantom material in medical physics applications â€“ A review. <i>Radiation Physics and Chemistry</i> , 2021, 189, 109731.	1.4	6
11	Study of Antibacterial and Anticancer Properties of bioAgNPs Synthesized Using <i>Streptomyces</i> sp. PBD-311B and the Application of bioAgNP-CNC/Alg as an Antibacterial Hydrogel Film against <i>P. aeruginosa</i> USM-AR2 and MRSA. <i>Molecules</i> , 2021, 26, 6414.	1.7	5
12	Kinetics, Thermodynamics, and Isotherms of Methylene Blue Adsorption Study onto Cassava Stem Activated Carbon. <i>Water (Switzerland)</i> , 2021, 13, 2936.	1.2	16
13	Optimization study of caffeine adsorption onto large surface area wood activated carbon through central composite design approach. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 16, 100594.	1.7	5
14	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
15	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
16	Scavenging of caffeine from aqueous medium through optimized H3PO4-activated Acacia mangium wood activated carbon: Statistical data of optimization. <i>Data in Brief</i> , 2020, 28, 105045.	0.5	6
17	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
18	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

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19	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
20	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
21	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
22	Analysis using image segmentation for the elemental composition of activated carbon. <i>MethodsX</i> , 2020, 7, 100983.	0.7	7
23	Adhesive application on particleboard from natural fibers: A review. <i>Polymer Composites</i> , 2020, 41, 4448-4460.	2.3	48
24	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
25	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
26	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
27	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
28	Properties of green particleboard manufactured from coconut fiber using a potato starch based adhesive. <i>BioResources</i> , 2020, 15, 2279-2292.	0.5	21
29	Assessing the awareness and readiness of the Malaysian furniture industry for Industry 4.0. <i>BioResources</i> , 2020, 15, 4866-4885.	0.5	17
30	Physical and mechanical properties of soy-lignin bonded <i>Rhizophora</i> spp. particleboard as a tissue-equivalent phantom material. <i>BioResources</i> , 2020, 15, 5558-5576.	0.5	5
31	Investigation on suitable coating material for soy-lignin bonded <i>Rhizophora</i> spp. particleboard for medical physics applications. <i>BioResources</i> , 2020, 15, 7404-7419.	0.5	1
32	Reinforced lignin-phenol-glyoxal (LPG) wood adhesives from coconut husk. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 185-196.	3.6	42
33	Physicochemical characterisation of oil palm (<i>Elaeis guineensis</i>) trunk syrup from the sap of different storage period as potential sweetener. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 1011-1019.	1.6	1
34	Colorimetric Analysis of Glucose Oxidase-Magnetic Cellulose Nanocrystals (CNCs) for Glucose Detection. <i>Sensors</i> , 2019, 19, 2511.	2.1	28
35	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
36	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

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37	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
38	Chemical characterization from parenchyma and vascular bundle at different parts of oil palm trunk. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	7
39	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
40	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
41	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
42	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
43	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
44	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
45	Measurement of Percentage Depth Dose and Half Value Layer of the <i>Rhizophora</i> spp. Particleboard Bonded by <i>Eremurus</i> spp. to 60, 80 and 100ÅkVp Diagnostic X-rays. <i>Mapan - Journal of Metrology Society of India</i> , 2018, 33, 321-328.	1.0	5
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	Characterisations and attenuation properties of corn starch-bonded <i>Rhizophora</i> spp. particleboards as water equivalent phantom material at 16.59-25.26 XRF photons and <sup>99m</sup>Tc gamma energies. <i>International Journal of Environmental Engineering</i> , 2018, 9, 254.	0.1	4
54	Properties of microwave modified oil palm trunk lumber. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1

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55	Design and evaluation of corn starch-bonded <i>Rhizophora</i> spp. particleboard phantoms for SPECT/CT imaging. IOP Conference Series: Materials Science and Engineering, 2018, 298, 012041.	0.3	1
56	Study on Dimensional Stability of Particleboard Made Using Glutaraldehyde Modified Corn Starch as the Binder at Various Relative Humidity. International Journal of Engineering and Technology(UAE), 2018, 7, 19.	0.2	3
57	Fungal Resistance of Particleboard Made Using Glutaraldehyde Modified Corn Starch as the Binder with the Aid of Urea Formaldehyde Resin. International Journal of Engineering and Technology(UAE), 2018, 7, 23.	0.2	2
58	The effect of power intensity properties of microwave modified oil palm trunk lumber. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012044.	0.3	0
59	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.	4.6	91
60	Characterisations and attenuation properties of corn starch-bonded <i>Rhizophora</i> spp. particleboards as water equivalent phantom material at 16.59-25.26 XRF photons and ^{99m} Tc gamma energies. International Journal of Environmental Engineering, 2018, 9, 254.	0.1	0
61	Isothermal drying kinetics of oil palm trunk: Energy and shrinkage evaluation. Environmental Progress and Sustainable Energy, 2017, 36, 1244-1252.	1.3	1
62	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. Ecotoxicology and Environmental Safety, 2017, 139, 280-290.	2.9	56
63	Detoxification of Sap from Felled Oil Palm Trunks for the Efficient Production of Lactic Acid. Applied Biochemistry and Biotechnology, 2017, 183, 412-425.	1.4	17
64	Characterization of tannin-added <i>Rhizophora</i> spp. particleboards as phantom materials for photon beams. Industrial Crops and Products, 2017, 95, 467-474.	2.5	23
65	Natural Fiber Improvement by Laccase; Optimization, Characterization and Application in Medium Density Fiberboard. Journal of Natural Fibers, 2017, 14, 379-389.	1.7	16
66	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. Radiological Physics and Technology, 2017, 10, 331-339.	1.0	13
67	Synthesis, Characterization, Crystal Structure, and Stability of 5,5-dimethyl-3-oxocyclohexane-1,1-dicyl) Hydrazinecarbothioamide: A Combined Experimental and Theoretical Study. ChemistrySelect, 2017, 2, 6699-6709.	0.7	9
68	Characterization and attenuation study on tannin-added <i>Rhizophora</i> spp. particleboard at high energy photon and electron. , 2017, , .		3
69	Properties of cellulose nanocrystals from oil palm trunk isolated by total chlorine free method. Carbohydrate Polymers, 2017, 156, 409-416.	5.1	48
70	Nanocellulose. , 2017, , 261-276.		50
71	Assessment of Oil Palm Trunk Liquefaction in Glycerol and Ethylene Glycol by ² ⁴⁻¹ Fractional Factorial Design. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2017, 96, 319-325.	0.2	1
72	Extraction of Microcrystalline Cellulose from Oil Palm Trunk. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2017, 96, 513-518.	0.2	3

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73	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
74	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
75	Green Binderless Board from Oil Palm Biomass. , 2016, , 175-186.		3
76	Investigation of mass attenuation coefficient of almond gum bonded <i>Rhizophora</i> spp. particleboard as equivalent human tissue using XRF technique in the 16.6â€“25.3ÅkeV photon energy. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2016, 39, 871-876.	1.4	8
77	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.	0.3	5
78	Characterization and adsorption kinetic study of surfactant treated oil palm (<i>Elaeis Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,542 Td (gu	1.0	9
79	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
80	Synthesis, Crystal Structure and Cholinesterase Enzymes Inhibitory Activities of New Pyridine Alkaloid Derivative. <i>Asian Journal of Chemistry</i> , 2015, 27, 4092-4096.	0.1	1
81	Effect of Adhesive Spreading Rate on the Performance of Laminated Compressed Oil Palm Trunks. <i>BioResources</i> , 2015, 10, .	0.5	4
82	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
83	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
84	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
85	Cellulose nanocrystals isolated from oil palm trunk. <i>Carbohydrate Polymers</i> , 2015, 127, 202-208.	5.1	165
86	Characterization of the rhizophora particleboard as a tissue-equivalent phantom material bonded with bio-based adhesive. <i>Maderas: Ciencia Y Tecnologia</i> , 2015, , 0-0.	0.7	3
87	Analysis of Free Sugar and Starch in Oil Palm Trunks (<i>Elaeis Guineensis</i> Jacq.) from Various Cultivars as a Feedstock for Bioethanol Production. <i>International Journal of Green Energy</i> , 2015, , 150218144136008.	2.1	2
88	Crystal structure of 2-(1,3-dioxindan-2-yl)isoquinoline-1,3,4-trione. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o6-o7.	0.2	0
89	In vitro antioxidant and antidiabetic activites of <i>Gluta torquata</i> . <i>Industrial Crops and Products</i> , 2015, 76, 755-760.	2.5	19
90	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

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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	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
93	Improved Physical and Chemical Properties of Rubber Wood (<i>Hevea brasiliensis</i>) Fiber by Laccase. <i>Asian Journal of Agricultural Research</i> , 2015, 9, 166-172.	0.4	1
94	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
95	Bioprospecting medicinal plants for antioxidant components. <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, S553-S559.	0.4	15
96	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
97	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
98	Properties of steam treated binderless particleboard made from oil palm trunks. <i>Composites Part B: Engineering</i> , 2014, 56, 344-349.	5.9	31
99	Fabrication and characterization of gum Arabic bonded <i>Rhizophora</i> spp. particleboards. <i>Materials & Design</i> , 2014, 60, 108-115.	5.1	55
100	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
101	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
102	Optimization study for preparation of activated carbon from <i>Acacia mangium</i> wood using phosphoric acid. <i>Wood Science and Technology</i> , 2014, 48, 1069-1083.	1.4	40
103	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
104	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
105	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
106	Some properties of particleboards produced from <i>Rhizophora</i> spp. as a tissue-equivalent phantom material bonded with <i>Eremurus</i> spp.. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 54, 14-21.	2.5	17
107	Measurement of some properties of binderless composites manufactured from oil palm trunks and <i>Acacia mangium</i> . <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 50, 250-254.	2.5	14
108	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

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109	XRF Technique for the Evaluation of Gum Arabic Bonded Rhizophora spp. Particleboards as Tissue Equivalent Material. <i>International Journal of Applied Physics and Mathematics</i> , 2014, 4, 201-204.	0.3	7
110	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. <i>Journal of Molecular Structure</i> , 2013, 1049, 488-493.	1.8	2
111	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
112	Development of sap compressing systems from oil palm trunk. <i>Biomass and Bioenergy</i> , 2013, 51, 8-16.	2.9	17
113	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
114	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
115	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
116	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
117	Properties of laminated panels made from compressed oil palm trunk. <i>Composites Part B: Engineering</i> , 2013, 52, 100-105.	5.9	6
118	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
119	Properties of particleboard made from rubberwood using modified starch as binder. <i>Composites Part B: Engineering</i> , 2013, 50, 259-264.	5.9	57
120	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
121	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
122	Influence of Chemical Components of Oil Palm on Properties of Binderless Particleboard. <i>BioResources</i> , 2013, 8, .	0.5	42
123	Study on Dimensional Stability Properties of Laminated Veneer Lumber from Oil Palm Trunk Bonded with Different Cold Set Adhesives. <i>Journal of Applied Sciences</i> , 2013, 13, 994-1003.	0.1	2
124	Fabrication of Nano-Structured Mg(Cr_{0.5}Al_{0.5})_xFe₂O₄ Ceramics for Gas Sensing Application. <i>Sensor Letters</i> , 2013, 11, 213-222.	0.1	0
125	Two Antifungal Xanthenes from the Heartwood of <i>Calophyllum Symingtonianum</i> . <i>Japan Agricultural Research Quarterly</i> , 2012, 46, 181-185.	0.1	15
126	Surface characterization and comparative adsorption properties of Cr(VI) on pyrolysed adsorbents of <i>Acacia mangium</i> wood and <i>Phoenix dactylifera</i> L. stone carbon. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012, 97, 19-28.	2.6	39

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127	Efficient ethanol production from separated parenchyma and vascular bundle of oil palm trunk. <i>Bioresource Technology</i> , 2012, 125, 37-42.	4.8	25
128	Evaluation of the Properties of Particleboard Made Using Oil Palm Starch Modified with Epichlorohydrin. <i>BioResources</i> , 2012, 8, .	0.5	26
129	THE POTENTIAL OF OIL PALM TRUNK BIOMASS AS AN ALTERNATIVE SOURCE FOR COMPRESSED WOOD. <i>BioResources</i> , 2012, 7, .	0.5	74
130	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
131	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
132	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
133	Measurement of mass attenuation coefficients of <i>Rhizophora</i> spp. binderless particleboards in the 16.59â€“25.26keV 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
134	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
135	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
136	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
137	Removal of chemically hazardous p-hydroxybenzoic acid during total chlorine free bleaching process of <i>Hevea Brasiliensis</i> . <i>Journal of Cleaner Production</i> , 2012, 25, 68-72.	4.6	14
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