Luqman Chuah Abdullah

List of Publications by Year
in descending order

288	11,992	36303	33894
papers	citations	51 h-index	99 g-index

290	290	290	12782
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effective sequestration of levofloxacin from wastewater by biochar-supported manganese dioxide composite: Experimental study and modelling analyses. Environmental Engineering Research, 2023, 28, 210512-0.	2.5	1
2	Physical and Mechanical Properties of Paper Made from Beaten Empty Fruit Bunch Fiber Incorporated with Microcrystalline Cellulose. Journal of Natural Fibers, 2022, 19, 999-1011.	3.1	8
3	Facile fabrication and characterization of kenaf core as natural biochar for the highly efficient removal of selected endocrine-disrupting compounds. Environmental Geochemistry and Health, 2022, 44, 993-1013.	3.4	6
4	Processing of natural fibre and method improvement for removal of endocrine-disrupting compounds. Chemosphere, 2022, 291, 132726.	8.2	16
5	Influence of drying method on the crystal structure and thermal property of oil palm frond juice-based bacterial cellulose. Journal of Materials Science, 2022, 57, 1462-1473.	3.7	7
6	A Review on Antimicrobial Packaging from Biodegradable Polymer Composites. Polymers, 2022, 14, 174.	4.5	44
7	Efficient sequestration of boron from liquid phase by amidoxime-functionalized poly(acrylonitrile-co-acrylic acid): experimental and modelling analyses. Water Science and Technology, 2022, 85, 3055-3071.	2.5	3
8	Synthesis, Characterisation, and Electrochemical Impedance Spectroscopy Study of Green and Sustainable Polyurethane Acrylate from Jatropha Oil Using a Three Step Process. Pertanika Journal of Science and Technology, 2022, 30, 2127-2138.	0.6	0
9	Simultaneous adsorption of heavy metal ions (Cu2+ and Fe2+) from binary solutions by microcrystalline cellulose (MCC): Initial concentration effect, pH and kinetics studies. AIP Conference Proceedings, 2022, , .	0.4	0
10	Central composite design of heavy metal removal using polymer adsorbent. Journal of Applied Water Engineering and Research, 2021, 9, 133-146.	1.8	4
11	Insights into thep-nitrophenol adsorption by amidoxime-modified poly(acrylonitrile-co-acrylic acid): characterization, kinetics, isotherm, thermodynamic, regeneration and mechanism study. RSC Advances, 2021, 11, 8150-8162.	3.6	19
12	Optimisation of Epoxide Ring-Opening Reaction for the Synthesis of Bio-Polyol from Palm Oil Derivative Using Response Surface Methodology. Molecules, 2021, 26, 648.	3.8	25
13	Jatropha Oil as a Substituent for Palm Oil in Biobased Polyurethane. International Journal of Polymer Science, 2021, 2021, 1-12.	2.7	12
14	Insight on the properties of thermoplastic elastomer-based natural rubber and recycled rubber post-treated with electron beam irradiation. Materials Research Express, 2021, 8, 025302.	1.6	4
15	Chemical and Thermo-Mechanical Properties of Waterborne Polyurethane Dispersion Derived from Jatropha Oil. Polymers, 2021, 13, 795.	4.5	20
16	Effect of Cellulose Nanofibrils on the Properties of Jatropha Oil-Based Waterborne Polyurethane Nanocomposite Film. Polymers, 2021, 13, 1460.	4.5	11
17	Potential for Natural Fiber Reinforcement in PLA Polymer Filaments for Fused Deposition Modeling (FDM) Additive Manufacturing: A Review. Polymers, 2021, 13, 1407.	4.5	63
18	Drying Kinetics and Optimization of Quercetrin Extraction from Melastoma malabathricum Leaves. Chemical Engineering and Technology, 2021, 44, 1214-1220.	1.5	5

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19	Rotational Piezoelectric Energy Harvesting: A Comprehensive Review on Excitation Elements, Designs, and Performances. Energies, 2021, 14, 3098.	3.1	10
20	Evaluation on Structural Properties and Performances of Graphene Oxide Incorporated into Chitosan/Poly-Lactic Acid Composites: CS/PLA versus CS/PLA-GO. Polymers, 2021, 13, 1839.	4.5	13
21	Recent advances in the application of cellulose derivatives for removal of contaminants from aquatic environments. Cellulose, 2021, 28, 7521-7557.	4.9	33
22	Structural and Rheological Properties of Nonedible Vegetable Oil-Based Resin. Polymers, 2021, 13, 2490.	4.5	4
23	Enhancing recovery of bioactive compounds from Cosmos caudatus leaves via ultrasonic extraction. Scientific Reports, 2021, 11, 17297.	3.3	9
24	Trimethylamine functionalized radiation-induced grafted polyamide 6 fibers for p-nitrophenol adsorption. Scientific Reports, 2021, 11, 19573.	3.3	9
25	Physico-Mechanical and Biological Durability of Citric Acid-Bonded Rubberwood Particleboard. Polymers, 2021, 13, 98.	4.5	14
26	Virulence of Rigidoporus microporus Isolates Causing White Root Rot Disease on Rubber Trees (Hevea) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.5	12
27	Membrane-Based Electrolysis for Hydrogen Production: A Review. Membranes, 2021, 11, 810.	3.0	51
28	Ternary Nanocomposite System Composing of Graphene Nanoplatelet, Cellulose Nanofiber and Jatropha Oil Based Waterborne Polyurethane: Characterizations, Mechanical, Thermal Properties and Conductivity. Polymers, 2021, 13, 3740.	4.5	2
29	Overview of Air Pollution in Typical Basin of China Under the Target of Carbon Neutrality. International Journal of Environmental Research, 2021, 15, 1109-1138.	2.3	9
30	Effect on 1-Butyl-3 Methylimidazolium Iodide Ionic Liquid in Nonedible Jatropha Oil-Based Polyurethane Acrylate. Tetrabutylammonium Iodide: Lithium Iodide-Based Gel Polymer Electrolyte for Dye-Sensitized Solar Cell Application. ACS Applied Energy Materials, 2021, 4, 13684-13695.	5.1	5
31	Electrocatalytic activity of starch/Fe3O4/zeolite bionanocomposite for oxygen reduction reaction. Arabian Journal of Chemistry, 2020, 13, 1297-1308.	4.9	13
32	Overview on petroleum emulsions, formation, influence and demulsification treatment techniques. Arabian Journal of Chemistry, 2020, 13, 3403-3428.	4.9	153
33	Optimization of the demulsification of water in oil emulsion via non-ionic surfactant by the response surface methods. Journal of Petroleum Science and Engineering, 2020, 184, 106463.	4.2	68
34	Phosphoric acid doped composite proton exchange membrane for hydrogen production in medium-temperature copper chloride electrolysis. International Journal of Hydrogen Energy, 2020, 45, 22209-22222.	7.1	14
35	Hypercrosslinked poly(AN-co-EGDMA-co-VBC): synthesis via suspension polymerization, characterizations, and potential to adsorb diclofenac and metformin from aqueous solution. Colloid and Polymer Science, 2020, 298, 1649-1667.	2.1	7
36	Comparative Study of Aromatic and Cycloaliphatic Isocyanate Effects on Physico-Chemical Properties of Bio-Based Polyurethane Acrylate Coatings. Polymers, 2020, 12, 1494.	4.5	21

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37	Thermal and Structural Analysis of Epoxidized Jatropha Oil and Alkaline Treated Kenaf Fiber Reinforced Poly(Lactic Acid) Biocomposites. Polymers, 2020, 12, 2604.	4.5	23
38	Filtration analysis and fouling mechanisms of PVDF membrane for POME treatment. Journal of Water Reuse and Desalination, 2020, 10, 187-199.	2.3	9
39	A short review of iodide salt usage and properties in dye sensitized solar cell application: Single vs binary salt system. Solar Energy, 2020, 206, 1033-1038.	6.1	13
40	Optimization Using Response Surface Methodology (RSM) for Biodiesel Synthesis Catalyzed by Radiation-Induced Kenaf Catalyst in Packed-Bed Reactor. Processes, 2020, 8, 1289.	2.8	9
41	Non-edible oil based polyurethane acrylate with tetrabutylammonium iodide gel polymer electrolytes for dye-sensitized solar cells. Solar Energy, 2020, 208, 457-468.	6.1	24
42	l-Ascorbic Acid and Thymoquinone Dual-Loaded Palmitoyl-Chitosan Nanoparticles: Improved Preparation Method, Encapsulation and Release Efficiency. Processes, 2020, 8, 1040.	2.8	7
43	Screening of native microalgae species for carbon fixation at the vicinity of Malaysian coal-fired power plant. Scientific Reports, 2020, 10, 22355.	3.3	24
44	Assessment of corrosion protection and performance of bio-based polyurethane acrylate incorporated with nano zinc oxide coating. Polymer Testing, 2020, 87, 106526.	4.8	24
45	Simultaneous Adsorption of Malachite Green and Methylene Blue Dyes in a Fixed-Bed Column Using Poly(Acrylonitrile-Co-Acrylic Acid) Modified with Thiourea. Molecules, 2020, 25, 2650.	3.8	16
46	Morphological, Physiochemical and Thermal Properties of Microcrystalline Cellulose (MCC) Extracted from Bamboo Fiber. Molecules, 2020, 25, 2824.	3.8	57
47	Performance Analysis of Jatropha Oil-Based Polyurethane Acrylate Gel Polymer Electrolyte for Dye-Sensitized Solar Cells. ACS Omega, 2020, 5, 14267-14274.	3.5	13
48	Ultrasonic-Assisted Extraction (UAE) Process on Thymol Concentration from Plectranthus Amboinicus Leaves: Kinetic Modeling and Optimization. Processes, 2020, 8, 322.	2.8	32
49	Low cost and efficient synthesis of magnetic iron oxide/activated sericite nanocomposites for rapid removal of methylene blue and crystal violet dyes. Materials Characterization, 2020, 163, 110275.	4.4	33
50	Potential of Oil Palm Empty Fruit Bunch Resources in Nanocellulose Hydrogel Production for Versatile Applications: A Review. Materials, 2020, 13, 1245.	2.9	49
51	Preparation, Characterization, Morphological and Particle Properties of Crystallized Palm-Based Methyl Ester Sulphonates (MES) Powder. Molecules, 2020, 25, 2629.	3.8	8
52	Preparation of Ethylene Glycol Dimethacrylate (EGDMA)-Based Terpolymer as Potential Sorbents for Pharmaceuticals Adsorption. Polymers, 2020, 12, 423.	4.5	25
53	Bio-Based Polymer Electrolytes for Electrochemical Devices: Insight into the Ionic Conductivity Performance. Materials, 2020, 13, 838.	2.9	78
54	Circuit Level Modeling of Electrically Doped Adenineâ€“Thymine Nanotube Based Field Effect Transistor. IEEE Access, 2020, 8, 6168-6176.	4.2	8

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55	Effects of nanoclay on physical and dimensional stability of Bamboo/Kenaf/nanoclay reinforced epoxy hybrid nanocomposites. Journal of Materials Research and Technology, 2020, 9, 5871-5880.	5.8	52
56	Optimization the Process of Chemically Modified Carbon Nanofiber Coated Monolith via Response Surface Methodology for CO2 Capture. Materials, 2020, 13, 1775.	2.9	6
57	Effect of DMPA Content on Colloidal Stability of Jatropha Oil-based waterborne Polyurethane Dispersion. IOP Conference Series: Materials Science and Engineering, 2020, 778, 012107.	0.6	5
58	The synthesis and characterisation of porous and monodisperse, chemically modified hypercrosslinked poly(acrylonitrile)-based terpolymer as a sorbent for the adsorption of acidic pharmaceuticals. E-Polymers, 2020, 20, 328-345.	3.0	3
59	Application of feed-forward and recurrent neural network in modelling the adsorption of boron by amidoxime-modified poly(Acrylonitrile-co-Acrylic Acid). Environmental Engineering Research, 2020, 25, 830-840.	2.5	7
60	Laminated veneer lumber from spindleless rotary-peeled veneers produced from short rotation, small Hevea plantation logs: Effects of lamination pressure. BioResources, 2020, 15, 6735-6751.	1.0	1
61	Study the effect of various wash-coated metal oxides over synthesized carbon nanofibers coated monolith substrates. PLoS ONE, 2019, 14, e0219936.	2.5	4
62	Separation Emulsion via Non-Ionic Surfactant: An Optimization. Processes, 2019, 7, 382.	2.8	26
63	Characterization and Cellular Internalization of Spherical Cellulose Nanocrystals (CNC) into Normal and Cancerous Fibroblasts. Materials, 2019, 12, 3251.	2.9	30
64	Accelerated weathering and soil burial effects on colour, biodegradability and thermal properties of bamboo/kenaf/epoxy hybrid composites. Polymer Testing, 2019, 79, 106054.	4.8	79
65	Utilization of Malaysia EAF slags for effective application in direct aqueous sequestration of carbon dioxide under ambient temperature. Heliyon, 2019, 5, e02602.	3.2	29
66	Phosphoric Acid Doped Polybenzimidazole and Sulfonated Polyether Ether Ketone Composite Membrane for Hydrogen Production in High-Temperature Copper Chloride Electrolysis. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012057.	0.3	0
67	Simultaneous Adsorption of Cationic Dyes from Binary Solutions by Thiourea-Modified Poly(acrylonitrile-co-acrylic acid): Detailed Isotherm and Kinetic Studies. Materials, 2019, 12, 2903.	2.9	34
68	Role of polymers as crystal growth inhibitors in coprecipitation via solution-enhanced dispersion by supercritical fluids (SEDS) to improve andrographolide dissolution from standardized Andrographis paniculata extract. Journal of Drug Delivery Science and Technology, 2019, 50, 145-154.	3.0	13
69	Experimental and CFD Modelling: Impact of the Inlet Slug Flow on the Horizontal Gasâ€“Liquid Separator. Energies, 2019, 12, 41.	3.1	5
70	Performance of Ionic Transport Properties in Vegetable Oil-Based Polyurethane Acrylate Gel Polymer Electrolyte. ACS Omega, 2019, 4, 2554-2564.	3.5	21
71	Palm oil-based biodiesel synthesis by radiation-induced kenaf catalyst packed in a continuous flow system. Industrial Crops and Products, 2019, 136, 102-109.	5.2	12
72	Hydrophilic thiourea-modified poly(acrylonitrile-co-acrylic acid) adsorbent: preparation, characterization, and dye removal performance. Iranian Polymer Journal (English Edition), 2019, 28, 483-491.	2.4	7

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73	Adsorptive Removal of Methylene Blue from Aquatic Environments Using Thiourea-Modified Poly(Acrylonitrile-co-Acrylic Acid). Materials, 2019, 12, 1734.	2.9	42
74	FTIR, CHNS and XRD analyses define mechanism of glyphosate herbicide removal by electrocoagulation. Chemosphere, 2019, 233, 559-569.	8.2	33
75	Column Efficiency of Fluoride Removal Using Quaternized Palm Kernel Shell (QPKS). International Journal of Chemical Engineering, 2019, 2019, 1-13.	2.4	14
76	Lignocellulose Structure and the Effect on Nanocellulose Production. , 2019, , 17-30.		10
77	Adsorption of Malachite Green Dye from Liquid Phase Using Hydrophilic Thiourea-Modified Poly(acrylonitrile-co-acrylic acid): Kinetic and Isotherm Studies. Journal of Chemistry, 2019, 2019, 1-14.	1.9	39
78	Fuel atomization in gas turbines: A review of novel technology. International Journal of Energy Research, 2019, 43, 3166-3181.	4.5	26
79	Stability enhancement of MWCNT/water nanofluids using PVA surfactant. International Journal of Nanotechnology, 2019, 16, 631.	0.2	1
80	GIS Based Analysis of Plastic Waste Leakage in Parts of Selangor State of Malaysia. , 2019, , .		0
81	Biomass valorization for better aviation environmental impact through biocomposites and aviation biofuel. , 2019, , 19-31.		3
82	Cationic Surfactants for Demulsification of Produced Water from Alkalineâ€“Surfactantâ€“Polymer Flooding. Energy & Fuels, 2019, 33, 115-126.	5.1	25
83	Solid matrices for fabrication of magnetic iron oxide nanocomposites: Synthesis, properties, and application for the adsorption of heavy metal ions and dyes. Composites Part B: Engineering, 2019, 162, 538-568.	12.0	145
84	Thermomechanical and dynamic mechanical properties of bamboo/woven kenaf mat reinforced epoxy hybrid composites. Composites Part B: Engineering, 2019, 163, 165-174.	12.0	181
85	Evaluation of the hybridization effect on the thermal and thermo-oxidative stability of bamboo/kenaf/epoxy hybrid composites. Journal of Thermal Analysis and Calorimetry, 2019, 137, 55-63.	3.6	29
86	Characteristics of ionically conducting jatropha oil-based polyurethane acrylate gel electrolyte doped with potassium iodide. Materials Chemistry and Physics, 2019, 222, 110-117.	4.0	27
87	Thermal and Dynamics Mechanical Analysis of Polypropylene Blown Films with Crude Palm Oil as Plasticizer. Indonesian Journal of Chemistry, 2019, 19, 545.	0.8	10
88	Removal of Methylene Blue from Aqueous Solution by Using Electrical Arc Furnace (EAF) Slag. Indonesian Journal of Chemistry, 2019, 20, 113.	0.8	6
89	Adsorption of malachite green in a fixed-bed columns by Thiourea modified poly(acrylonitrile-co-acrylic acid). Chemical Industry and Chemical Engineering Quarterly, 2019, 25, 383-393.	0.7	1
90	STABILITY AND TOXICITY PROFILE OF SOLUTION ENHANCED DISPERSION BY SUPERCRITICAL FLUIDS (SEDS) FORMULATED Andrographis paniculata EXTRACT. Brazilian Journal of Chemical Engineering, 2019, 36, 969-978.	1.3	1

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91	Effect of Temperature and Current Density on Polybenzimidazole Zirconium Phosphate Hybrid Membrane in Copper Chloride Electrolysis for Hydrogen Production. International Journal of Integrated Engineering, 2019, 11, .	0.4	1
92	The Synthesis and Characterizations of Porous Thioamide-Sulfonated-Modified Poly(acrylonitrile-‹i›co‹/i›-divinylbenzene-80) as a Potential Sorbent to Capture Polar Analytes. Science of Advanced Materials, 2019, 11, 1207-1222.	0.7	0
93	Heavy metal recovery from electric arc furnace steel slag by using hydrochloric acid leaching. E3S Web of Conferences, 2018, 34, 02007.	0.5	3
94	A study of mechanical and morphological properties of PLA based biocomposites prepared with EJO vegetable oil based plasticiser and kenaf fibres. Materials Research Express, 2018, 5, 085314.	1.6	26
95	A review on plasma combustion of fuel in internal combustion engines. International Journal of Energy Research, 2018, 42, 1813-1833.	4.5	18
96	Mechanical and physical performance of cowdungâ€based polypropylene biocomposites. Polymer Composites, 2018, 39, 288-296.	4.6	16
97	Performance of Cow Dung Reinforced Biodegradable Poly(Lactic Acid) Biocomposites for Structural Applications. Journal of Polymers and the Environment, 2018, 26, 474-486.	5.0	22
98	‹i›Clinacanthus nutans‹/i› Lindau: Effects of drying methods on the bioactive compounds, color characteristics, and water activity. Drying Technology, 2018, 36, 146-159.	3.1	14
99	Impacts of different drying strategies on drying characteristics, the retention of bio-active ingredient and colour changes of dried Roselle. Chinese Journal of Chemical Engineering, 2018, 26, 303-316.	3.5	18
100	Recent trends in biodiesel production from commonly used animal fats. International Journal of Energy Research, 2018, 42, 885-902.	4.5	40
101	Synthesis of poly(acrylonitrileâ€‹i›co‹/i›â€divinylbenzeneâ€‹i›co‹/i›â€vinylbenzyl chloride)â€derived hypercrosslinked polymer microspheres and a preliminary evaluation of their potential for the solidâ€phase capture of pharmaceuticals. Journal of Applied Polymer Science, 2018, 135, 45677.	2.6	13
102	Equilibrium, kinetics and thermodynamic adsorption studies of acid dyes on adsorbent developed from kenaf core fiber. Adsorption Science and Technology, 2018, 36, 694-712.	3.2	50
103	Synthesis and Optimization of Chitosan Nanoparticles Loaded with L-Ascorbic Acid and Thymoquinone. Nanomaterials, 2018, 8, 920.	4.1	63
104	Functionalization of polyacrylonitrile-grafted cellulose with amidoxime and its antimicrobial property. AIP Conference Proceedings, 2018, , .	0.4	1
105	A study of mechanical and morphological properties of PLA based biocomposites prepared with EJO vegetable oil based plasticiser and kenaf fibres. IOP Conference Series: Materials Science and Engineering, 2018, 368, 012011.	0.6	9
106	Colloidal stability and rheology of jatropha oil-based waterborne polyurethane (JPU) dispersion. Progress in Organic Coatings, 2018, 125, 348-357.	3.9	26
107	Solution enhanced dispersion by supercritical fluids (SEDS): An approach in particle engineering to modify aqueous solubility of andrographolide from Andrographis paniculata extract. Chemical Engineering Research and Design, 2018, 138, 176-189.	5.6	15
108	Characterization of Amide and Ester Functionalized Multiwalled Carbon Nanotubes. Asian Journal of Chemistry, 2018, 30, 1613-1616.	0.3	7

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109	Impact of Storage Conditions on the Stability of Predominant Phenolic Constituents and Antioxidant Activity of Dried Piper betle Extracts. Molecules, 2018, 23, 484.	3.8	82
110	Optimization of Mechanical Properties for Polyoxymethylene/Glass Fiber/Polytetrafluoroethylene Composites Using Response Surface Methodology. Polymers, 2018, 10, 338.	4.5	22
111	Effect of Cd and Pb Pollutions on Physiological Growth: Wavelet Neural Network (WNN) as a New Approach on Age Determination of Coenobita scaevola. Bulletin of Environmental Contamination and Toxicology, 2018, 101, 320-325.	2.7	5
112	Comparative Study of the Electrochemical, Biomedical, and Thermal Properties of Natural and Synthetic Nanomaterials. Nanoscale Research Letters, 2018, 13, 112.	5.7	17
113	Kinetic study of lipase-catalyzed glycerolysis of palm olein using Lipozyme TLIM in solvent-free system. PLoS ONE, 2018, 13, e0192375.	2.5	15
114	Physico-mechanical properties of poly(lactic acid) biocomposites reinforced with cow dung. Materials Research Express, 2017, 4, 025302.	1.6	4
115	A facile and green synthetic approach toward fabrication of starch-stabilized magnetite nanoparticles. Chinese Chemical Letters, 2017, 28, 1590-1596.	9.0	30
116	Effect of ambient conditions on drying of herbs in solar greenhouse dryer with integrated heat pump. Drying Technology, 2017, 35, 1721-1732.	3.1	42
117	Drying characteristics of Orthosiphon stamineus Benth by solar-assisted heat pump drying. Drying Technology, 2017, 35, 1755-1764.	3.1	36
118	Synthesis and comparative study of thermal, electrochemical, and cytotoxicity properties of graphene flake and sheet. Research on Chemical Intermediates, 2017, 43, 4981-4991.	2.7	6
119	Kinetic study of copper (II) removal from aqueous solution onto unmodified kenaf fibre. Acta Horticulturae, 2017, , 257-264.	0.2	0
120	Equilibrium and kinetic behavior on cadmium and lead removal by using synthetic polymer. Journal of Water Process Engineering, 2017, 17, 277-289.	5.6	14
121	Potential of Copper Electrodes in Electrocoagulation Process for Glyphosate Herbicide Removal. MATEC Web of Conferences, 2017, 103, 06019.	0.2	9
122	Effect of TEMPO-oxidization and rapid cooling on thermo-structural properties of nanocellulose. Carbohydrate Polymers, 2017, 173, 91-99.	10.2	35
123	Understanding intrinsic plasticizer in vegetable oil-based polyurethane elastomer as enhanced biomaterial. Journal of Thermal Analysis and Calorimetry, 2017, 130, 919-933.	3.6	13
124	Study on retention of metabolites composition in misai kucing (orthosiphon stamineus) by heat pump assisted solar drying. Journal of Food Processing and Preservation, 2017, 41, e13262.	2.0	5
125	Sonosynthesis of Microcellulose from Kenaf Fiber: Optimization of Process Parameters. Journal of Natural Fibers, 2017, 14, 437-449.	3.1	9
126	Effect of dilution and operating parameters on ammonia removal from scheduled waste landfill leachate in a lab-scale ammonia stripping reactor. IOP Conference Series: Materials Science and Engineering, 2017, 206, 012076.	0.6	6

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127	Physico-chemical characterisation of epoxy acrylate resin from jatropha seed oil. Pigment and Resin Technology, 2017, 46, 485-495.	0.9	13
128	Comparative study of cellulose nanofiber and carbon nanofiber effects as reinforcement fillers on mechanical properties of polypropylene composites. AIP Conference Proceedings, 2017, , .	0.4	4
129	Applications of thermoplastic-based blends. , 2017, , 111-129.		5
130	Improved crystallinity and dynamic mechanical properties of reclaimed waste tire rubber/EVA blends under the influence of electron beam irradiation. Radiation Physics and Chemistry, 2017, 130, 362-370.	2.8	27
131	Utilization of esterified sago bark fibre waste for removal of oil from palm oil mill effluent. Journal of Environmental Chemical Engineering, 2017, 5, 170-177.	6.7	41
132	Phosphorus removal by electric arc furnace steel slag adsorption. IOP Conference Series: Materials Science and Engineering, 2017, 257, 012063.	0.6	2
133	Natural and synthetics nanomaterials: comparative study on their mechanical and thermal properties as nanofiller in polymer composite. Journal of Physics: Conference Series, 2017, 914, 012014.	0.4	2
134	Physicochemical Properties of Jatropha Oil-Based Polyol Produced by a Two Steps Method. Molecules, 2017, 22, 551.	3.8	35
135	Biomedical and Microbiological Applications of Bio-Based Porous Materials: A Review. Polymers, 2017, 9, 160.	4.5	69
136	Removal of Reactive Anionic Dyes from Binary Solutions by Adsorption onto Quaternized Kenaf Core Fiber. International Journal of Chemical Engineering, 2017, 2017, 1-13.	2.4	14
137	Facile and green preparation of magnetite/zeolite nanocomposites for energy application in a single-step procedure. Journal of Alloys and Compounds, 2017, 719, 218-226.	5.5	29
138	Fixed-bed system for adsorption of anionic acid dyes from binary solution onto quaternized kenaf core fiber. BioResources, 2017, 12, 8870-8885.	1.0	7
139	Thermal Stability and Conductivity of Carbon Nanotube Nanofluid using Xanthan Gum as Surfactant. Sains Malaysiana, 2017, 46, 1017-1024.	0.5	7
140	Irradiation cross-linking of ethylene vinyl acetate/waste tire dust. Journal of Thermoplastic Composite Materials, 2016, 29, 464-478.	4.2	7
141	Core/Shell Structure of Ni/NiO Encapsulated in Carbon Nanosphere Coated with Few- and Multi-Layered Graphene: Synthesis, Mechanism and Application. Polymers, 2016, 8, 381.	4.5	9
142	Removal of Fluoride using Quaternized Palm Kernel Shell as Adsorbents: Equilibrium Isotherms and Kinetics Studies. BioResources, 2016, 11, .	1.0	10
143	Removal of Reactive Orange 16 Dye from Aqueous Solution by Using Modified Kenaf Core Fiber. Journal of Chemistry, 2016, 2016, 1-7.	1.9	9
144	Review of Bionanocomposite Coating Films and Their Applications. Polymers, 2016, 8, 246.	4.5	72

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145	Synthesis of Different Layers of Graphene on Stainless Steel Using the CVD Method. Nanoscale Research Letters, 2016, 11, 506.	5.7	19
146	Demulsification techniques of water-in-oil and oil-in-water emulsions in petroleum industry. Separation and Purification Technology, 2016, 170, 377-407.	7.9	484
147	Effect of catalyst and substrate on growth characteristics of carbon nanofiber onto honeycomb monolith. Journal of the Taiwan Institute of Chemical Engineers, 2016, 59, 440-449.	5.3	6
148	Rheological properties of cellulose nanocrystal-embedded polymer composites: a review. Cellulose, 2016, 23, 1011-1030.	4.9	110
149	Individualization of microfibrillated celluloses from oil palm empty fruit bunch: comparative studies between acid hydrolysis and ammonium persulfate oxidation. Cellulose, 2016, 23, 379-390.	4.9	69
150	Improving the properties of reclaimed waste tire rubber by blending with poly(ethyleneâ€coâ€vinyl) Tj ETQq0 0 0 rgBT /Overlock	2.8	8
151	A COMPARISON BETWEEN ALUMINIUM AND IRON ELECTRODES IN ELECTROCOAGULATION PROCESS FOR GLYPHOSATE REMOVAL. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	2
152	The Approach of Knowledge Transfer in Deriving Shafiâ€˜ite Hukum. Mediterranean Journal of Social Sciences, 2015, , .	0.2	0
153	A Review of Natural Fiber Reinforced Poly(Vinyl Alcohol) Based Composites: Application and Opportunity. Polymers, 2015, 7, 2205-2222.	4.5	138
154	Improved Method for Preparation of Amidoxime Modified Poly(acrylonitrile-co-acrylic acid): Characterizations and Adsorption Case Study. Polymers, 2015, 7, 1205-1220.	4.5	33
155	Comparative removal of phenols and its chlorinated derivatives by carbon-coated monolith: equilibrium, kinetics and regeneration studies. Desalination and Water Treatment, 2015, 54, 393-404.	1.0	11
156	Adsorption of carbon dioxide using activated carbon impregnated with Cu promoted by zinc. Journal of the Taiwan Institute of Chemical Engineers, 2015, 52, 109-117.	5.3	54
157	Workâ€“Family Demands and Subjective Well-being among Female Academicians: The Role of Muslim Religiosity. Review of Religious Research, 2015, 57, 419-433.	0.9	10
158	Waste tire rubber in polymer blends: A review on the evolution, properties and future. Progress in Materials Science, 2015, 72, 100-140.	32.8	368
159	A comparative study of acrylate oligomer on Jatropha and Palm oil-based UV-curable surface coating. Industrial Crops and Products, 2015, 77, 1047-1052.	5.2	32
160	Phenolâ€“ureaâ€“formaldehyde resin co-polymer synthesis and its influence on Elaeis palm trunk plywood mechanical performance evaluated by 13 C NMR and MALDI-TOF mass spectrometry. International Journal of Adhesion and Adhesives, 2015, 63, 117-123.	2.9	13
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