

Chin-hua Chia

List of Publications by Year in descending order

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Version: 2024-02-01

170
papers

5,202
citations

87401

40
h-index

116156

66
g-index

174
all docs

174
docs citations

174
times ranked

8291
citing authors

#	ARTICLE	IF	CITATIONS
1	Inorganic-organic nanocomposite networks: Structure, curing reaction, properties, and hard coating performance. <i>Composites Science and Technology</i> , 2022, 218, 109112.	3.8	6
2	Recent advancement in 3-D printing: nanocomposites with added functionality. <i>Progress in Additive Manufacturing</i> , 2022, 7, 325-350.	2.5	31
3	Effect of Impregnated Phenolic Resins on the Cellulose Membrane for Polymeric Insulator. <i>Membranes</i> , 2022, 12, 106.	1.4	0
4	Surface hardness and abrasion resistance natures of thermoplastic polymer covers and windows and their enhancements with curable tetraacrylate coating. <i>Polymer</i> , 2022, 239, 124419.	1.8	3
5	Enhanced adsorption of anionic phenol red using cationic polyethylenimine-incorporated chitosan beads. <i>Journal of Porous Materials</i> , 2022, 29, 609-619.	1.3	5
6	Bio and non-bio materials based quasi-solid state electrolytes in DSSC : A review. <i>International Journal of Energy Research</i> , 2022, 46, 5399-5422.	2.2	16
7	Structural and thermal analysis of bio-based polybenzoxazine derived from liquefied empty fruit bunch (EFB) via solventless method. <i>Materials Today: Proceedings</i> , 2022, 51, 1367-1371.	0.9	2
8	Structural defects in graphene quantum dots: A review. <i>International Journal of Quantum Chemistry</i> , 2022, 122, .	1.0	17
9	Hydrothermal functionalization of graphene quantum dots extracted from cellulose. <i>Chemical Physics Letters</i> , 2022, 795, 139520.	1.2	3
10	Homogeneous Electrochemiluminescence in the Sensors Game: What Have We Learned from Past Experiments?. <i>Analytical Chemistry</i> , 2022, 94, 349-365.	3.2	34
11	Some Well-Known Alginate and Chitosan Modifications Used in Adsorption: A Review. <i>Water (Switzerland)</i> , 2022, 14, 1353.	1.2	32
12	Influence/Effect of Deep-Level Defect of Absorber Layer and n/i Interface on the Performance of Antimony Triselenide Solar Cells by Numerical Simulation. <i>Sustainability</i> , 2022, 14, 6780.	1.6	7
13	Synthesis and characterization NS-reduced graphene oxide hydrogel and its electrochemical properties. <i>Letters on Materials</i> , 2022, 12, 169-174.	0.2	4
14	Rapid microwave synthesis of molybdenum disulfide-decorated reduced-graphene oxide nanosheets for use in high electrochemical performance supercapacitors. <i>Journal of Energy Storage</i> , 2022, 52, 104991.	3.9	8
15	Morphological structure details, size distributions and magnetic properties of iron oxide nanoparticles. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 95, 37-50.	2.9	11
16	Molecular weight effect on the structural detail and chain characteristics of 33-armed star polystyrene. <i>Polymer</i> , 2021, 212, 123304.	1.8	7
17	One dimensional MnV_2O_6 nanobelts on graphene as outstanding electrode material for high energy density symmetric supercapacitor. <i>Ceramics International</i> , 2021, 47, 9560-9568.	2.3	25
18	Zinc oxide-filled polyvinyl alcohol-cellulose nanofibril aerogel nanocomposites for catalytic decomposition of an organic dye in aqueous solution. <i>Cellulose</i> , 2021, 28, 2241-2253.	2.4	15

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19	Physiochemical and in-vitro Cytotoxicity Properties of Biocompatible Palm Fatty Acid-Based Polyesters. <i>Sains Malaysiana</i> , 2021, 50, 395-407.	0.3	2
20	Hardness and Abrasion Resistance Characteristics of Poly(ethylene terephthalate) Films without and with Hard and Adhesive Coatings. <i>Macromolecular Research</i> , 2021, 29, 230-243.	1.0	9
21	Preparation of cellulose hydrogel from sago pith waste as a medium for seed germination. <i>Journal of Physical Science</i> , 2021, 32, 13-26.	0.5	9
22	Microwave-assisted reduction of graphene oxide for an electrochemical supercapacitor: Structural and capacitance behavior. <i>Materials Chemistry and Physics</i> , 2021, 262, 124274.	2.0	18
23	Effect of dimensionality of TiO_2 embedded in regenerated cellulose beads as a portable catalyst for reusable decomposition system. <i>Polymers for Advanced Technologies</i> , 2021, 32, 3549-3562.	1.6	4
24	Functionalized graphene quantum dots for dye-sensitized solar cell: Key challenges, recent developments and future prospects. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 144, 110999.	8.2	67
25	Production of Rigid Polyurethane Foams Using Polyol from Liquefied Oil Palm Biomass: Variation of Isocyanate Indexes. <i>Polymers</i> , 2021, 13, 3072.	2.0	14
26	Conversion of glucose into levulinic acid in continuous segmented turbulent flow with enhanced chemical reaction. <i>Tetrahedron Letters</i> , 2021, 80, 153330.	0.7	5
27	Synergistic effect of sulfur-doped reduced graphene oxide created via microwave-assisted synthesis for supercapacitor applications. <i>Diamond and Related Materials</i> , 2021, 120, 108696.	1.8	17
28	Cytosine Palladium Complex Supported on Ordered Mesoporous Silica as Highly Efficient and Reusable Nanocatalyst for One-Pot Oxidative Esterification of Aldehydes. <i>Catalysts</i> , 2021, 11, 1482.	1.6	3
29	Fast microwave-assisted synthesis of copper nanowires as reusable high-performance transparent conductive electrode. <i>Current Applied Physics</i> , 2020, 20, 205-211.	1.1	14
30	A mechanistic study of silver nanostructure incorporating reduced graphene oxide via a flow synthesis approach. <i>New Journal of Chemistry</i> , 2020, 44, 1439-1445.	1.4	4
31	Seventeen-Armed Star Polystyrenes in Various Molecular Weights: Structural Details and Chain Characteristics. <i>Polymers</i> , 2020, 12, 1894.	2.0	3
32	Three-dimensional lion's mane like AlVO ₉ deposited on graphene surface for supercapacitors with a promising electrochemical performance. <i>Journal of Science: Advanced Materials and Devices</i> , 2020, 5, 164-172.	1.5	3
33	Morphology details and size distribution characteristics of single-pot-synthesized silica nanoparticles. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 89, 212-221.	2.9	3
34	Tunable Plasmon-Induced Charge Transport and Photon Absorption of Bimetallic Au@Ag Nanoparticles on ZnO Photoanode for Photoelectrochemical Enhancement under Visible Light. <i>Journal of Physical Chemistry C</i> , 2020, 124, 14105-14117.	1.5	23
35	Copper Nanowires as Highly Efficient and Recyclable Catalyst for Rapid Hydrogen Generation from Hydrolysis of Sodium Borohydride. <i>Nanomaterials</i> , 2020, 10, 1153.	1.9	20
36	Quantitative Structural Analysis of Polystyrene Nanoparticles Using Synchrotron X-ray Scattering and Dynamic Light Scattering. <i>Polymers</i> , 2020, 12, 477.	2.0	6

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37	Evaluation of Crosslinking Effect on Thermo-mechanical, Acoustic Insulation and Water Absorption Performance of Biomass-Derived Cellulose Cryogels. <i>Journal of Polymers and the Environment</i> , 2020, 28, 1180-1189.	2.4	11
38	Comparative Adsorption Mechanism of Rice Straw Activated Carbon Activated with NaOH and KOH. <i>Sains Malaysiana</i> , 2020, 49, 2721-2734.	0.3	8
39	Penyahwarna Efluen Kilang Minyak Kelapa Sawit (POME) Melalui Proses Pengoksidaan Fenton Secara Berterusan Menggunakan Limonit sebagai Pemangkin. <i>Sains Malaysiana</i> , 2020, 49, 69-74.	0.3	0
40	IN-DEPTH CHARACTERIZATION OF CELLULOSIC PULPS FROM OIL PALM EMPTY FRUIT BUNCHES AND KENAF CORE, DISSOLUTION AND PREPARATION OF CELLULOSE MEMBRANES. <i>Cellulose Chemistry and Technology</i> , 2020, 54, 643-652.	0.5	2
41	Rice Husk Activated Carbon with NaOH Activation: Physical and Chemical Properties. <i>Sains Malaysiana</i> , 2020, 49, 2261-2267.	0.3	11
42	Telescopic synthesis of cellulose nanofibrils with a stable dispersion of Fe(0) nanoparticles for synergistic removal of 5-fluorouracil. <i>Scientific Reports</i> , 2019, 9, 11703.	1.6	22
43	Rapid Catalytic Reduction of 4-Nitrophenol and Clock Reaction of Methylene Blue using Copper Nanowires. <i>Nanomaterials</i> , 2019, 9, 936.	1.9	57
44	A facile synthesis of graphene/Co ₃ V ₂ O ₈ nanocomposites and their enhanced charge storage performance in electrochemical capacitors. <i>Journal of Science: Advanced Materials and Devices</i> , 2019, 4, 515-523.	1.5	10
45	Sodium cholate as efficient green reducing agent for graphene oxide via flow reaction for flexible supercapacitor electrodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 19182-19188.	1.1	13
46	Polyols and rigid polyurethane foams derived from liquefied lignocellulosic and cellulosic biomass. <i>Cellulose</i> , 2019, 26, 3231-3246.	2.4	33
47	Facile synthesis of graphene-Zn ₃ V ₂ O ₈ nanocomposite as a high performance electrode material for symmetric supercapacitor. <i>Journal of Alloys and Compounds</i> , 2019, 784, 847-858.	2.8	46
48	Silver nanowires as flexible transparent electrode: Role of PVP chain length. <i>Journal of Alloys and Compounds</i> , 2019, 803, 165-171.	2.8	31
49	Highly stable binder free CNTs/rGO aerogel electrode for decolouration of methylene blue & palm oil mill effluent via electro-Fenton oxidation process. <i>RSC Advances</i> , 2019, 9, 16472-16478.	1.7	15
50	COMPARISON OF REGENERATED CELLULOSE MEMBRANE COAGULATED IN SULPHATE BASED COAGULANT. <i>Cerne</i> , 2019, 25, 18-24.	0.9	15
51	Comparison of the morphological and mechanical properties of oil Palm EFB fibres and kenaf fibres in nonwoven reinforced composites. <i>Industrial Crops and Products</i> , 2019, 127, 55-65.	2.5	49
52	Utilization of Core Oil Palm Trunk Waste to Methyl Levulinate: Physical and Chemical Characterizations. <i>Waste and Biomass Valorization</i> , 2019, 10, 655-660.	1.8	8
53	Physical and Chemical Properties of the Rice Straw Activated Carbon Produced from Carbonization and KOH Activation Processes. <i>Sains Malaysiana</i> , 2019, 48, 385-391.	0.3	44
54	Insight Observation into Rapid Discoloration of Batik Textile Effluent by in situ Formations of Zero Valent Iron. <i>Sains Malaysiana</i> , 2019, 48, 393-399.	0.3	7

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55	Elektrod Superkapasitor daripada Komposit Karbon Teraktif dan Grafen dengan Perekat PVDF-HFP. Sains Malaysiana, 2019, 48, 407-417.	0.3	2
56	Conversion of glucose into lactic acid using silica-supported zinc oxide as solid acid catalyst. Pure and Applied Chemistry, 2018, 90, 1035-1043.	0.9	8
57	Simplified production of graphene oxide assisted by high shear exfoliation of graphite with controlled oxidation. New Journal of Chemistry, 2018, 42, 4507-4512.	1.4	14
58	Bio-phenolic resin from oil palm empty fruit bunches. AIP Conference Proceedings, 2018, , .	0.3	0
59	Supercapacitor electrodes from activation of binderless green monoliths of biomass self-adhesive carbon grains composed of varying amount of graphene additive. Ionics, 2018, 24, 1195-1210.	1.2	6
60	Enhanced Thermal Stability of Esterified Lignin in Different Solvent Mediums. Polymers From Renewable Resources, 2018, 9, 39-49.	0.8	1
61	Chemically crosslinked hydrogel and its driving force towards superabsorbent behaviour. International Journal of Biological Macromolecules, 2018, 118, 1422-1430.	3.6	56
62	Effect of graphene oxide on thermal stability of aerogel bio-nanocomposite from cellulose-based waste biomass. Cellulose, 2018, 25, 5099-5112.	2.4	28
63	Discoloration of Batik Effluent by Chemically Modified Oil Palm Empty Fruit Bunch Fibers. Jurnal Kejuruteraan, 2018, S11, 87-92.	0.2	3
64	Physico-Mechanical, Chemical Composition, Thermal Degradation and Crystallinity of Oil Palm Empty Fruit Bunch, Kenaf and Polypropylene Fibres: A Comparatives Study. Sains Malaysiana, 2018, 47, 839-851.	0.3	17
65	Puncture Resistance and Mechanical Properties of Graphene Oxide Reinforced Natural Rubber Latex. Sains Malaysiana, 2018, 47, 2171-2178.	0.3	4
66	Physico-mechanical Properties of Glass Fibre Reinforced Biophenolic Elastomer Composite. Sains Malaysiana, 2018, 47, 2573-2580.	0.3	3
67	Oleophilicity and Oil-Water Separation by Reduced Graphene Oxide Grafted Oil Palm Empty Fruit Bunch Fibres. Sains Malaysiana, 2018, 47, 1891-1896.	0.3	5
68	Effective immobilization of silver nanoparticles on a regenerated cellulose-chitosan composite membrane and its antibacterial activity. New Journal of Chemistry, 2017, 41, 5061-5065.	1.4	26
69	Carboxylated-nanocellulose as a template for the synthesis of silver nanoprism. Applied Surface Science, 2017, 422, 32-38.	3.1	19
70	Hydrothermal synthesis, magnetic properties and characterization of CoFe ₂ O ₄ nanocrystals. Ceramics International, 2017, 43, 7889-7894.	2.3	41
71	Solvothermal synthesis of molybdenum oxide on liquid-phase exfoliated graphene composite electrodes for aqueous supercapacitor application. Journal of Materials Science: Materials in Electronics, 2017, 28, 6907-6918.	1.1	13
72	Autohydrolysis processing as an alternative to enhance cellulose solubility and preparation of its regenerated bio-based materials. Materials Chemistry and Physics, 2017, 192, 181-189.	2.0	16

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73	Production of Liquefied Oil Palm Empty Fruit Bunch Based Polyols via Microwave Heating. <i>Energy & Fuels</i> , 2017, 31, 10975-10982.	2.5	12
74	Highly porous regenerated cellulose hydrogel and aerogel prepared from hydrothermal synthesized cellulose carbamate. <i>PLoS ONE</i> , 2017, 12, e0173743.	1.1	36
75	Enhanced Delignification of Oil Palm Empty Fruit Bunch Fibers with in situ Fenton-oxidation. <i>BioResources</i> , 2017, 12, .	0.5	11
76	Graphene oxide as support and regenerative substrate for lead ions in catalytic conversion of lactic acid. <i>BioResources</i> , 2017, 12, 7133-7144.	0.5	1
77	Adsorption of Heavy Metal Ions on Surface of Functionalized Oil Palm Empty Fruit Bunch Fibres: Single and Binary Systems. <i>Sains Malaysiana</i> , 2017, 46, 157-165.	0.3	6
78	Preparation and Characterization of Fe ₃ O ₄ /Regenerated Cellulose Membrane. <i>Sains Malaysiana</i> , 2017, 46, 623-628.	0.3	6
79	Bifunctional Regenerated Cellulose Membrane Containing TiO ₂ Nanoparticles for Absorption and Photocatalytic Decomposition. <i>Sains Malaysiana</i> , 2017, 46, 637-644.	0.3	6
80	Membran Selulosa Kenaf Terjana Semula daripada Larutan Aqueous NaOH/Urea yang Digumpal Menggunakan Asid Sulfurik. <i>Sains Malaysiana</i> , 2017, 46, 795-801.	0.3	3
81	As-spun Bio-novolac Fiber Morphological Study based on Resin's Physico-chemical Properties. <i>Sains Malaysiana</i> , 2017, 46, 1659-1665.	0.3	3
82	Combination of Gamma Irradiation and Sodium Carbonate Pretreatment on Oil Palm Empty Fruit Bunch (EFB) for High Acidic Hydrolysis Yield. <i>Sains Malaysiana</i> , 2017, 46, 167-173.	0.3	1
83	Comparative Study of Microcelluloses Isolated From Two Different Biomasses with Commercial Cellulose. <i>BioResources</i> , 2016, 11, .	0.5	8
84	Thickness effect of kenaf cellulose membrane on its morphological, physical and tensile properties. <i>AIP Conference Proceedings</i> , 2016, .	0.3	0
85	Methanolysis on extracted sap from inner and outer part of core oil palm trunk using phosphomolybdic acid and aluminium sulphate. <i>AIP Conference Proceedings</i> , 2016, .	0.3	1
86	Synthesis and characterization of nanostructure magnetic cobalt ferrite using hydrothermal method. <i>AIP Conference Proceedings</i> , 2016, .	0.3	1
87	Hydrothermally treated oil palm empty fruit bunch cellulose with urea and its dissolution in NaOH-Urea solvent system. , 2016, .		1
88	Polymeric reaction between aldehyde group in furfural and phenolic derivatives from liquefaction of oil palm empty fruit bunch fiber as phenol-furfural resin. <i>AIP Conference Proceedings</i> , 2016, .	0.3	2
89	Characterization of nanocellulose recovery from <i>Elaeis guineensis</i> frond for sustainable development. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 2503-2512.	2.1	63
90	Bifunctional graphene oxide-cellulose nanofibril aerogel loaded with Fe(III) for the removal of cationic dye via simultaneous adsorption and Fenton oxidation. <i>RSC Advances</i> , 2016, 6, 19819-19825.	1.7	76

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91	Synthesis of kenaf cellulose carbamate and its smart electric stimuli-response. Carbohydrate Polymers, 2016, 137, 693-700.	5.1	14
92	Sintesis dan Pencirian Poli(etilena glikol) bermetoksi-ko-Poli(β -2-amino ester) yang Dibentuk daripada Heksilamina Linear dan Siklik Sebagai Misel Polimer. Sains Malaysiana, 2016, 45, 1849-1855.	0.3	0
93	The effect of acid hydrolysis pretreatment on crystallinity and solubility of kenaf cellulose membrane. , 2015, , .		0
94	Shape control of the magnetic iron oxide nanoparticles under different chain length of reducing agents. AIP Conference Proceedings, 2015, , .	0.3	0
95	Catalytic Conversion of Empty Fruit Bunch (EFB) Fibres into Lactic Acid by Lead (II) ions. BioResources, 2015, 11, .	0.5	8
96	Synthesis of Liquid Hot Water Cotton Linter to Prepare Cellulose Membrane using NaOH/Urea or LiOH/Urea. BioResources, 2015, 10, .	0.5	7
97	Effect of Acid Hydrolysis and Thermal Hydrolysis on Solubility and Properties of Oil Palm Empty Fruit Bunch Fiber Cellulose Hydrogel. BioResources, 2015, 11, .	0.5	5
98	Characterization of Aldehyde Crosslinked Kenaf Regenerated Cellulose Film. BioResources, 2015, 10, .	0.5	10
99	Exceedingly biocompatible and thin-layered reduced graphene oxide nanosheets using an eco-friendly mushroom extract strategy. International Journal of Nanomedicine, 2015, 10, 1505.	3.3	122
100	Mechanical properties and water absorption of glass fibre reinforced bio-phenolic elastomer (BPE) composite. Industrial Crops and Products, 2015, 72, 54-59.	2.5	19
101	Cellulose nanofibrils: a rapid adsorbent for the removal of methylene blue. RSC Advances, 2015, 5, 18204-18212.	1.7	97
102	Effect of acid hydrolysis on regenerated kenaf core membrane produced using aqueous alkaline-urea systems. Carbohydrate Polymers, 2015, 124, 164-171.	5.1	23
103	Antibacterial hybrid cellulose-graphene oxide nanocomposite immobilized with silver nanoparticles. RSC Advances, 2015, 5, 26263-26268.	1.7	41
104	CaCO ₃ -decorated cellulose aerogel for removal of Congo Red from aqueous solution. Cellulose, 2015, 22, 2683-2691.	2.4	54
105	Ball milling pretreatment and diluted acid hydrolysis of oil palm empty fruit bunch (EFB) fibres for the production of levulinic acid. Journal of the Taiwan Institute of Chemical Engineers, 2015, 52, 85-92.	2.7	26
106	A porous aerogel nanocomposite of silver nanoparticles-functionalized cellulose nanofibrils for SERS detection and catalytic degradation of rhodamine B. RSC Advances, 2015, 5, 88915-88920.	1.7	48
107	Physico-mechanical properties of a microwave-irradiated kenaf carbamate/graphene oxide membrane. Cellulose, 2015, 22, 3851-3863.	2.4	15
108	Effect of hydrothermal pretreatment on solubility and formation of kenaf cellulose membrane and hydrogel. Carbohydrate Polymers, 2015, 115, 62-68.	5.1	39

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109	Enhanced Biocatalytic Esterification with Lipase-Immobilized Chitosan/Graphene Oxide Beads. PLoS ONE, 2014, 9, e104695.	1.1	33
110	Transparent and Printable Regenerated Kenaf Cellulose/PVA Film. BioResources, 2014, 9, .	0.5	17
111	Polymorphs calcium carbonate on temperature reaction. AIP Conference Proceedings, 2014, , .	0.3	20
112	Deproteinized palm kernel cake-derived oligosaccharides: A preliminary study. , 2014, , .		0
113	One-step synthesis of titanium oxide nanocrystal- rutile by hydrothermal method. , 2014, , .		4
114	Microwave synthesis of magnetically separable ZnFe ₂ O ₄ -reduced graphene oxide for wastewater treatment. Ceramics International, 2014, 40, 7057-7065.	2.3	42
115	High yield production of sugars from deproteinized palm kernel cake under microwave irradiation via dilute sulfuric acid hydrolysis. Bioresource Technology, 2014, 153, 69-78.	4.8	39
116	Physico-mechanical properties of resol phenolic adhesives derived from liquefaction of oil palm empty fruit bunch fibres. Industrial Crops and Products, 2014, 62, 119-124.	2.5	39
117	Skin-resolved local bond contraction, core electron entrapment, and valence charge polarization of Ag and Cu nanoclusters. Physical Chemistry Chemical Physics, 2014, 16, 8940.	1.3	8
118	Magnetically separable reduced graphene oxide/iron oxide nanocomposite materials for environmental remediation. Catalysis Science and Technology, 2014, 4, 4396-4405.	2.1	128
119	A graphene oxide facilitated a highly porous and effective antibacterial regenerated cellulose membrane containing stabilized silver nanoparticles. Cellulose, 2014, 21, 4261-4270.	2.4	26
120	A REVIEW OF METAL OXIDE COMPOSITE ELECTRODE MATERIALS FOR ELECTROCHEMICAL CAPACITORS. Nano, 2014, 09, 1430002.	0.5	141
121	Synthesis of kenaf cellulose carbamate using microwave irradiation for preparation of cellulose membrane. Carbohydrate Polymers, 2014, 106, 160-165.	5.1	39
122	Vaterite calcium carbonate for the adsorption of Congo red from aqueous solutions. Journal of Environmental Chemical Engineering, 2014, 2, 2156-2161.	3.3	62
123	Charge storage performance of lithiated iron phosphate/activated carbon composite as symmetrical electrode for electrochemical capacitor. Current Applied Physics, 2014, 14, 1564-1575.	1.1	13
124	A Kinetic Study on Acid Hydrolysis of Oil Palm Empty Fruit Bunch Fibers Using a Microwave Reactor System. Energy & Fuels, 2014, 28, 2589-2597.	2.5	18
125	Removal of Organic Pollutants and Decolorization of Bleaching Effluents from Pulp and Paper Mill by Adsorption using Chemically Treated Oil Palm Empty Fruit Bunch Fibers. BioResources, 2014, 9, .	0.5	9
126	Green Liquor Pretreatment of Oil Palm Empty Fruit Bunch (EFB) Fibers for High Yield of Reducing Sugars. Journal of Biobased Materials and Bioenergy, 2014, 8, 352-357.	0.1	0

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127	Alkaline-treated cocoa pod husk as adsorbent for removing methylene blue from aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 460-465.	3.3	45
128	One-pot hydrothermal synthesis and characterization of FeS ₂ (pyrite)/graphene nanocomposite. <i>Chemical Engineering Journal</i> , 2013, 218, 276-284.	6.6	65
129	Preparation of highly water dispersible functional graphene/silver nanocomposite for the detection of melamine. <i>Sensors and Actuators B: Chemical</i> , 2013, 181, 885-893.	4.0	73
130	One-step size-controlled synthesis of functional graphene oxide/silver nanocomposites at room temperature. <i>Chemical Engineering Journal</i> , 2013, 219, 217-224.	6.6	70
131	Cationic and anionic modifications of oil palm empty fruit bunch fibers for the removal of dyes from aqueous solutions. <i>Bioresource Technology</i> , 2013, 128, 571-577.	4.8	110
132	Epoxidized natural rubber toughened aqueous resole type liquefied EFB resin: Physical and chemical characterization. , 2013, , .		2
133	Condensed tannins from acacia mangium bark: Characterization by spot tests and FTIR. , 2013, , .		17
134	Facile hydrothermal preparation of titanium dioxide decorated reduced graphene oxide nanocomposite. <i>International Journal of Nanomedicine</i> , 2012, 7, 3379.	3.3	72
135	Antibacterial performance of Ag nanoparticles and AgGO nanocomposites prepared via rapid microwave-assisted synthesis method. <i>Nanoscale Research Letters</i> , 2012, 7, 541.	3.1	144
136	Room temperature in situ chemical synthesis of Fe ₃ O ₄ /graphene. <i>Ceramics International</i> , 2012, 38, 6411-6416.	2.3	93
137	Synthesis of Fe ₃ O ₄ nanocrystals using hydrothermal approach. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 4147-4150.	1.0	81
138	Simple and scalable preparation of reduced graphene oxide-silver nanocomposites via rapid thermal treatment. <i>Materials Letters</i> , 2012, 89, 180-183.	1.3	83
139	Production and Characterisation of Cellulose and Nano-Crystalline Cellulose from Kenaf Core Wood. <i>BioResources</i> , 2012, 8, .	0.5	38
140	Production of Reducing Sugar from Oil Palm Empty Fruit Bunch (EFB) Cellulose Fibres via Acid Hydrolysis. <i>BioResources</i> , 2012, 8, .	0.5	3
141	Highly efficient preparation of ZnO nanorods decorated reduced graphene oxide nanocomposites. <i>Materials Letters</i> , 2012, 80, 9-12.	1.3	99
142	Micro Palm and Kenaf Fibers Reinforced PLA Composite: Effect of Volume Fraction on Tensile Strength. <i>Applied Mechanics and Materials</i> , 2011, 145, 1-5.	0.2	9
143	Simple room-temperature preparation of high-yield large-area graphene oxide. <i>International Journal of Nanomedicine</i> , 2011, 6, 3443.	3.3	328
144	Fabrication and characterization of graphene hydrogel via hydrothermal approach as a scaffold for preliminary study of cell growth. <i>International Journal of Nanomedicine</i> , 2011, 6, 1817.	3.3	170

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145	Direct production of biodiesel from high-acid value Jatropha oil with solid acid catalyst derived from lignin. <i>Biotechnology for Biofuels</i> , 2011, 4, 56.	6.2	77
146	Morphology and Properties of Polypropylene Blends Containing Phenolic Resin Produced from the Liquefaction of Empty Fruit Bunch Fibres. <i>Polymers and Polymer Composites</i> , 2011, 19, 669-676.	1.0	0
147	Morphological studies of randomized dispersion magnetite nanoclusters coated with silica. <i>Ceramics International</i> , 2011, 37, 451-464.	2.3	29
148	Comparative studies of products obtained from solvolysis liquefaction of oil palm empty fruit bunch fibres using different solvents. <i>Bioresource Technology</i> , 2011, 102, 3521-3526.	4.8	86
149	Citric acid modified kenaf core fibres for removal of methylene blue from aqueous solution. <i>Bioresource Technology</i> , 2011, 102, 7237-7243.	4.8	193
150	Removal of Copper(II) Ions from Aqueous Solution Using Alkali-Treated Kenaf Core Fibres. <i>Adsorption Science and Technology</i> , 2010, 28, 377-386.	1.5	12
151	Microstructure of brushite crystals prepared via high internal phase emulsion. <i>Open Chemistry</i> , 2010, 8, 202-206.	1.0	0
152	Hydrothermal synthesis of magnetite nanoparticles as MRI contrast agents. <i>Ceramics International</i> , 2010, 36, 1417-1422.	2.3	141
153	Hydrothermal preparation of high saturation magnetization and coercivity cobalt ferrite nanocrystals without subsequent calcination. <i>Materials Chemistry and Physics</i> , 2010, 120, 31-35.	2.0	92
154	Photocatalytic study of two-dimensional ZnO nanopellets in the decomposition of methylene blue. <i>Chemical Engineering Journal</i> , 2010, 158, 345-352.	6.6	112
155	Size and crystallinity-dependent magnetic properties of CoFe ₂ O ₄ nanocrystals. <i>Ceramics International</i> , 2010, 36, 605-609.	2.3	87
156	High internal phase emulsion as reaction medium for precipitating brushite crystals. <i>Ceramics International</i> , 2010, 36, 1503-1509.	2.3	4
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