

Md. Maksudur Rahman Khan

List of Publications by Year in descending order

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168
papers

4,712
citations

87888

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h-index

133252

59
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168
all docs

168
docs citations

168
times ranked

5387
citing authors

#	ARTICLE	IF	CITATIONS
1	Electro-oxidation of waste glycerol to tartronic acid over Pt/CNT nanocatalyst: study of effect of reaction time on product distribution. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2023, 45, 10998-11014.	2.3	8
2	Photoelectrochemical performance of P@MoS ₂ for hydrogen evolution reaction. <i>Materials Today: Proceedings</i> , 2022, 48, 766-770.	1.8	3
3	Optimization of process parameters for photoreforming of hydrogen evolution via response surface methodology (RSM): A study using Carbon@exfoliated g-C ₃ N ₄ . <i>Chemical Engineering Research and Design</i> , 2022, 177, 513-525.	5.6	9
4	State-of-the-art biosynthesis of tin oxide nanoparticles by chemical precipitation method towards photocatalytic application. <i>Environmental Science and Pollution Research</i> , 2022, 29, 10871-10893.	5.3	6
5	Photoelectrocatalytic reduction of CO ₂ to methanol over CuFe ₂ O ₄ @PANI photocathode. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 24709-24720.	7.1	43
6	Augmentation of microbial fuel cell and photocatalytic polishing technique for the treatment of hazardous dimethyl phthalate containing wastewater. <i>Journal of Hazardous Materials</i> , 2021, 415, 125587.	12.4	18
7	Catalytic performance and antimicrobial activity of Mg(OH) ₂ /MgO colloidal nanoparticles in alkyd resin nanocomposite derived from palm oil. <i>Polymer Bulletin</i> , 2020, 77, 4571-4586.	3.3	8
8	Mono- and bi-cyanoacrylic acid substituted phenothiazine based sensitizers for dye sensitized solar cells. <i>Optik</i> , 2020, 208, 164046.	2.9	7
9	Microbial synergistic interactions enhanced power generation in co-culture driven microbial fuel cell. <i>Science of the Total Environment</i> , 2020, 738, 140138.	8.0	33
10	Tailoring the properties of g-C ₃ N ₄ with CuO for enhanced photoelectrocatalytic CO ₂ reduction to methanol. <i>Journal of CO₂ Utilization</i> , 2020, 40, 101222.	6.8	55
11	Facile synthesis of CuO/CdS heterostructure photocatalyst for the effective degradation of dye under visible light. <i>Environmental Research</i> , 2020, 188, 109803.	7.5	72
12	Photocatalytic reduction of CO ₂ to methanol over ZnFe ₂ O ₄ /TiO ₂ (p-n) heterojunctions under visible light irradiation. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2208-2221.	3.2	31
13	Thermo-catalytic conversion of greenhouse gases (CO ₂ and CH ₄) to CO-rich hydrogen by CeO ₂ modified calcium iron oxide supported nickel catalyst. <i>International Journal of Energy Research</i> , 2020, 44, 6325-6337.	4.5	11
14	Glycerol electro-oxidation to dihydroxyacetone on phosphorous-doped Pd/CNT nanoparticles in alkaline medium. <i>Catalysis Communications</i> , 2020, 139, 105964.	3.3	21
15	Phyto-synthesis of CuO nano-particles and its catalytic application in C-S bond formation. <i>Materials Letters</i> , 2020, 266, 127486.	2.6	12
16	Pd/CNT Catalysts for Glycerol Electro-oxidation: Effect of Pd Loading on Production of Valuable Chemical Products. <i>Electroanalysis</i> , 2020, 32, 1139-1147.	2.9	14
17	Construction of hybrid g-C ₃ N ₄ /CdO nanocomposite with improved photodegradation activity of RhB dye under visible light irradiation. <i>Advanced Powder Technology</i> , 2020, 31, 2921-2931.	4.1	53
18	Glycerol Waste Valorization to Mesoxalic Acid Over a Bimetallic Pt-Pd/CNT Catalyst in Alkaline Medium. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 5916-5927.	0.9	5

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19	Hydrogen-rich syngas production via steam reforming of palm oil mill effluent (POME) – A thermodynamics analysis. International Journal of Hydrogen Energy, 2019, 44, 20711-20724.	7.1	39
20	Microbial Lipid Accumulation through Bioremediation of Palm Oil Mill Wastewater by <i>Bacillus cereus</i> . ACS Sustainable Chemistry and Engineering, 2019, 7, 14500-14508.	6.7	28
21	CO ₂ adsorption using 3-triethoxysilylpropylamine (APTES)-modified commercial rice husk activated carbon. AIP Conference Proceedings, 2019, , .	0.4	3
22	Hetero-structure CdS/CuFe ₂ O ₄ as an efficient visible light active photocatalyst for photoelectrochemical reduction of CO ₂ to methanol. International Journal of Hydrogen Energy, 2019, 44, 26271-26284.	7.1	51
23	Bio-electrochemical power generation in petrochemical wastewater fed microbial fuel cell. Science of the Total Environment, 2019, 695, 133820.	8.0	30
24	Facile synthesis of CaFe ₂ O ₄ for visible light driven treatment of polluting palm oil mill effluent: Photokinetic and scavenging study. Science of the Total Environment, 2019, 661, 522-530.	8.0	33
25	Effect of light irradiation on esterification of oleic acid with ethanol catalyzed by immobilized <i>Pseudomonas cepacia</i> lipase. Canadian Journal of Chemical Engineering, 2019, 97, 2876-2882.	1.7	3
26	Multi-perspective CuO@C nanocomposites: Synthesis using drumstick peel as carbon source and its optimization using response surface methodology. Composites Part B: Engineering, 2019, 172, 690-703.	12.0	5
27	Biofilm re-vitalization using hydrodynamic shear stress for stable power generation in microbial fuel cell. Journal of Electroanalytical Chemistry, 2019, 844, 14-22.	3.8	21
28	Biogenic approach to synthesize rod shaped Gd ₂ O ₃ nanoparticles and its optimization using response surface methodology – Behnken design model. Biotechnology Progress, 2019, 35, e2823.	2.6	12
29	IBA-modified gypsum-containing epoxy resin coating for rebar: corrosion performance and bonding characteristics. International Journal of Plastics Technology, 2019, 23, 20-28.	3.1	5
30	Harnessing renewable hydrogen-rich syngas from valorization of palm oil mill effluent (POME) using steam reforming technique. Renewable Energy, 2019, 138, 1114-1126.	8.9	39
31	Enhanced Biohydrogen Production from Citrus Wastewater Using Anaerobic Sludge Pretreated by an Electroporation Technique. Industrial & Engineering Chemistry Research, 2019, 58, 573-580.	3.7	21
32	Photoelectrocatalytic Reduction of Carbon Dioxide to Methanol Using CuFe ₂ O ₄ Modified with Graphene Oxide under Visible Light Irradiation. Industrial & Engineering Chemistry Research, 2019, 58, 563-572.	3.7	62
33	2018 International Conference of Chemical Engineering and Industrial Biotechnology (ICCEIB) Preface. Industrial & Engineering Chemistry Research, 2019, 58, 507-509.	3.7	2
34	Optimization of renewable hydrogen-rich syngas production from catalytic reforming of greenhouse gases (CH ₄ and CO ₂) over calcium iron oxide supported nickel catalyst. Journal of the Energy Institute, 2019, 92, 177-194.	5.3	30
35	Synthesis of Titania Doped Copper Ferrite Photocatalyst and Its Photoactivity towards Methylene Blue Degradation under Visible Light Irradiation. Bulletin of Chemical Reaction Engineering and Catalysis, 2019, 14, 219-227.	1.1	36
36	An assessment of the longevity of samarium cobalt trioxide perovskite catalyst during the conversion of greenhouse gases into syngas. Journal of Cleaner Production, 2018, 185, 576-587.	9.3	13

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37	An Insight of Synergy between <i>Pseudomonas aeruginosa</i> and <i>Klebsiella variicola</i> in a Microbial Fuel Cell. ACS Sustainable Chemistry and Engineering, 2018, 6, 4130-4137.	6.7	54
38	Enhanced Current Generation Using Mutualistic Interaction of Yeast-Bacterial Coculture in Dual Chamber Microbial Fuel Cell. Industrial & Engineering Chemistry Research, 2018, 57, 813-821.	3.7	46
39	Formation of CuO Nanoparticle in Glycerol and Its Catalytic Activity for Alkyd Resin Synthesis. Materials Today: Proceedings, 2018, 5, 3165-3175.	1.8	8
40	Bioremediation of palm oil mill effluent and lipid production by <i>Lipomyces starkeyi</i> : A combined approach. Journal of Cleaner Production, 2018, 172, 1779-1787.	9.3	58
41	Facile Synthesis of PVP-MnO ₂ /CNT Composites as ORR Electrocatalyst for an Air-Cathode Microbial Fuel Cell. International Journal of Electrochemical Science, 2018, 13, 7789-7799.	1.3	8
42	Photoelectrochemical reduction of carbon dioxide to methanol on p-type CuFe ₂ O ₄ under visible light irradiation. International Journal of Hydrogen Energy, 2018, 43, 18185-18193.	7.1	55
43	Palm kernel meal as a melamine urea formaldehyde adhesive filler for plywood applications. International Journal of Adhesion and Adhesives, 2018, 85, 8-14.	2.9	24
44	Fungal Biorefinery for the Production of Single Cell Oils as Advanced Biofuels. Fungal Biology, 2018, , 185-213.	0.6	1
45	Optimization of co-culture inoculated microbial fuel cell performance using response surface methodology. Journal of Environmental Management, 2018, 225, 242-251.	7.8	41
46	Experimental evaluation and empirical modelling of palm oil mill effluent steam reforming. International Journal of Hydrogen Energy, 2018, 43, 15784-15793.	7.1	18
47	Influence of CuO nanoparticle on palm oil based alkyd resin preparation and its antimicrobial activity. IOP Conference Series: Materials Science and Engineering, 2018, 324, 012027.	0.6	2
48	Syngas Production from Catalytic CO ₂ Reforming of CH ₄ over CaFe ₂ O ₄ Supported Ni and Co Catalysts: Full Factorial Design Screening. Bulletin of Chemical Reaction Engineering and Catalysis, 2018, 13, 57-73.	1.1	10
49	Electrochemical Study of Copper Ferrite as a Catalyst for CO ₂ Photoelectrochemical Reduction. Bulletin of Chemical Reaction Engineering and Catalysis, 2018, 13, 236.	1.1	9
50	Augmentation of air cathode microbial fuel cell performance using wild type <i>Klebsiella variicola</i> . RSC Advances, 2017, 7, 4798-4805.	3.6	50
51	Modelling and optimization of syngas production by methane dry reforming over samarium oxide supported cobalt catalyst: response surface methodology and artificial neural networks approach. Clean Technologies and Environmental Policy, 2017, 19, 1181-1193.	4.1	36
52	Catalytic pyrolysis of glycerol into syngas over ceria-promoted Ni/Al ₂ O ₃ catalyst. Renewable Energy, 2017, 107, 223-234.	8.9	28
53	Application of Electroporation Technique in Biofuel Processing. MATEC Web of Conferences, 2017, 97, 01085.	0.2	4
54	Restoration of liquid effluent from oil palm agroindustry in Malaysia using UV/TiO ₂ and UV/ZnO photocatalytic systems: A comparative study. Journal of Environmental Management, 2017, 196, 674-680.	7.8	42

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55	Electrogenic and Antimethanogenic Properties of <i>Bacillus cereus</i> for Enhanced Power Generation in Anaerobic Sludge-Driven Microbial Fuel Cells. <i>Energy & Fuels</i> , 2017, 31, 6132-6139.	5.1	52
56	Greenhouse gases abatement by catalytic dry reforming of methane to syngas over samarium oxide-supported cobalt catalyst. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 2769-2782.	3.5	8
57	Economic and Market Value of Biogas Technology. , 2017, , 137-158.		4
58	Ultrasound Driven Biofilm Removal for Stable Power Generation in Microbial Fuel Cell. <i>Energy & Fuels</i> , 2017, 31, 968-976.	5.1	44
59	Correlation of power generation with time-course biofilm architecture using <i>Klebsiella variicola</i> in dual chamber microbial fuel cell. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 25933-25941.	7.1	26
60	Modified TiO ₂ photocatalyst for CO ₂ photocatalytic reduction: An overview. <i>Journal of CO₂ Utilization</i> , 2017, 22, 15-32.	6.8	246
61	Prospect of castor oil biodiesel in Bangladesh: Process development and optimization study. <i>International Journal of Green Energy</i> , 2017, 14, 1063-1072.	3.8	15
62	Textile Effluent Treatment Plant Sludge: Characterization and Utilization in Building Materials. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 1435-1442.	3.0	36
63	Technical difficulties and solutions of direct transesterification process of microbial oil for biodiesel synthesis. <i>Biotechnology Letters</i> , 2017, 39, 13-23.	2.2	40
64	Greenhouse gases mitigation by CO ₂ reforming of methane to hydrogen-rich syngas using praseodymium oxide supported cobalt catalyst. <i>Clean Technologies and Environmental Policy</i> , 2017, 19, 795-807.	4.1	18
65	Preparation of Biodiesel From Karanja (<i>Pongamia Pinnata</i>) Oil. <i>Journal of Chemical Engineering</i> , 2017, 29, 24-28.	0.1	1
66	Optimization of Biodiesel Production From Bakul Oil. <i>Journal of Chemical Engineering</i> , 2017, 29, 14-18.	0.1	1
67	Carbon Nanotube-Modified MnO ₂ : An Efficient Electrocatalyst for Oxygen Reduction Reaction. <i>ChemistrySelect</i> , 2017, 2, 7637-7644.	1.5	16
68	CeO ₂ -TiO ₂ FOR PHOTOREDUCTION OF CO ₂ TO METHANOL UNDER VISIBLE LIGHT: EFFECT OF CERIA LOADING. <i>Malaysian Journal of Analytical Sciences</i> , 2017, 21, 166-172.	0.1	12
69	BIOELECTROCHEMICAL BEHAVIOR OF WILD TYPE BACILLUS CEREUS IN DUAL CHAMBER MICROBIAL FUEL CELL. <i>IJUM Engineering Journal</i> , 2017, 18, 79-86.	0.8	5
70	SYNTHESIS, CHARACTERIZATION AND CATALYTIC PERFORMANCE OF CERIA-SUPPORTED COBALT CATALYST FOR METHANE DRY REFORMING TO SYNGAS. <i>Malaysian Journal of Analytical Sciences</i> , 2017, 21, 248-260.	0.1	0
71	Performance of <i>Klebsiella oxytoca</i> generate electricity from POME in microbial fuel cell. <i>MATEC Web of Conferences</i> , 2016, 38, 03004.	0.2	10
72	Fast Biofilm Formation and Its Role on Power Generation in Palm Oil Mill Effluent Fed Microbial Fuel Cell. <i>MATEC Web of Conferences</i> , 2016, 62, 04002.	0.2	5

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73	Assessment of organic acid-rich bio-sap to generate electricity. <i>International Journal of Sustainable Energy</i> , 2016, 35, 746-756.	2.4	0
74	Electricity generation form pretreated palm oil mill effluent using <i>Klebsiella Variicola</i> as an inoculum in Microbial fuel cell. , 2016, , .		6
75	Non-isothermal kinetics and mechanistic study of thermal decomposition of light rare earth metal nitrate hydrates using thermogravimetric analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 423-435.	3.6	21
76	Artificial neural network modeling of hydrogen-rich syngas production from methane dry reforming over novel Ni/CaFe ₂ O ₄ catalysts. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 11119-11130.	7.1	52
77	Glycerolysis of palm oil using copper oxide nanoparticles combined with homogeneous base catalyst. <i>New Journal of Chemistry</i> , 2016, 40, 8704-8709.	2.8	15
78	The influence of CuO nanoparticle on non-edible rubber seed oil based alkyd resin preparation and its antimicrobial activity. <i>Progress in Organic Coatings</i> , 2016, 101, 245-252.	3.9	10
79	Syngas production from CO ₂ reforming of methane over neodymium sesquioxide supported cobalt catalyst. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 34, 873-885.	4.4	48
80	Financial sustainability of biogas technology: Barriers, opportunities, and solutions. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2016, 11, 841-848.	3.4	32
81	Optimization of photocatalytic degradation of palm oil mill effluent in UV/ZnO system based on response surface methodology. <i>Journal of Environmental Management</i> , 2016, 184, 487-493.	7.8	31
82	Irradiated sodium alginate/poly(ethylene oxide) blend films improved by methyl acrylate monomer. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	8
83	Sulfuric disazo dye stabilized copper nanoparticle composite mixture: synthesis and characterization. <i>RSC Advances</i> , 2016, 6, 15094-15100.	3.6	10
84	Catalytic performance of ceria-supported cobalt catalyst for CO-rich hydrogen production from dry reforming of methane. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 198-207.	7.1	80
85	Production of CO-rich hydrogen from methane dry reforming over lanthania-supported cobalt catalyst: Kinetic and mechanistic studies. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 4603-4615.	7.1	75
86	Control of biodegradability in a natural fibre based nanocomposite as a function of impregnated copper nanoparticles. <i>RSC Advances</i> , 2016, 6, 28937-28946.	3.6	6
87	Investigation of polymer degradation by addition of magnesium. <i>International Journal of Polymer Analysis and Characterization</i> , 2016, 21, 156-162.	1.9	5
88	Photocatalytic degradation of recalcitrant POME waste by using silver doped titania: Photokinetics and scavenging studies. <i>Chemical Engineering Journal</i> , 2016, 286, 282-290.	12.7	63
89	Preparation of titania doped argentum photocatalyst and its photoactivity towards palm oil mill effluent degradation. <i>Journal of Cleaner Production</i> , 2016, 112, 1128-1135.	9.3	50
90	Performance of a submerged adsorption column compared with conventional fixed-bed adsorption. <i>Desalination and Water Treatment</i> , 2016, 57, 9705-9717.	1.0	2

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91	Tea dust as a potential low-cost adsorbent for the removal of crystal violet from aqueous solution. <i>Desalination and Water Treatment</i> , 2016, 57, 14728-14738.	1.0	34
92	Removal of reactive dye from aqueous solution using coagulation–flocculation coupled with adsorption on papaya leaf. <i>Journal of Mechanical Engineering and Sciences</i> , 2016, 10, 1883-1894.	0.6	14
93	Production of CO-rich Hydrogen Gas from Methane Dry Reforming over Co/CeO ₂ Catalyst. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2016, 11, 210-219.	1.1	16
94	MnO ₂ /CNT as ORR Electrocatalyst in Air-Cathode Microbial Fuel Cells. <i>Procedia Chemistry</i> , 2015, 16, 640-647.	0.7	19
95	Physicochemical and micromechanical investigation of a nanocopper impregnated fibre reinforced nanocomposite. <i>RSC Advances</i> , 2015, 5, 100943-100955.	3.6	17
96	Effect of CuO Nanoparticle on Mechanical and Thermal Properties of Palm Oil Based Alkyd/Epoxy Resin Blend. <i>Procedia Chemistry</i> , 2015, 16, 623-631.	0.7	25
97	Copper nanoparticle in cationized palm oil fibres: physico-chemical investigation. <i>Colloid and Polymer Science</i> , 2015, 293, 777-786.	2.1	7
98	Schottky barrier and surface plasmonic resonance phenomena towards the photocatalytic reaction: study of their mechanisms to enhance photocatalytic activity. <i>Catalysis Science and Technology</i> , 2015, 5, 2522-2531.	4.1	245
99	Facile synthesis of copper nanoparticles in glycerol at room temperature: formation mechanism. <i>RSC Advances</i> , 2015, 5, 24544-24549.	3.6	40
100	CO ₂ reforming of glycerol over La-Ni/Al ₂ O ₃ catalyst: A longevity evaluative study. <i>Journal of Energy Chemistry</i> , 2015, 24, 366-373.	12.9	30
101	Gamma-Irradiated Gelatin-Based Films Modified by HEMA for Medical Application. <i>International Journal of Polymer Analysis and Characterization</i> , 2015, 20, 426-434.	1.9	5
102	Effect of Manganese on Radiation Vulcanization of Natural Rubber. <i>International Journal of Polymer Analysis and Characterization</i> , 2015, 20, 406-413.	1.9	6
103	Photocatalytic-Fenton Degradation of Glycerol Solution over Visible Light-Responsive CuFe ₂ O ₄ . <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	19
104	Syngas production from CO ₂ reforming of methane over ceria supported cobalt catalyst: Effects of reactants partial pressure. <i>Journal of Natural Gas Science and Engineering</i> , 2015, 27, 1016-1023.	4.4	53
105	Tailoring base catalyzed synthesis of palm oil based alkyd resin through CuO nanoparticles. <i>RSC Advances</i> , 2015, 5, 95894-95902.	3.6	28
106	Removal of dark blue-GL from wastewater using water hyacinth: a study of equilibrium adsorption isotherm. <i>Desalination and Water Treatment</i> , 2015, 56, 1520-1525.	1.0	11
107	Effect of waste rubber powder as filler for plywood application. <i>Polish Journal of Chemical Technology</i> , 2015, 17, 41-47.	0.5	28
108	Photocatalytic reduction of CO ₂ into methanol over CuFe ₂ O ₄ /TiO ₂ under visible light irradiation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2015, 116, 589-604.	1.7	53

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109	Synthesis and characterization of a CaFe_2O_4 catalyst for oleic acid esterification. RSC Advances, 2015, 5, 100362-100368.	3.6	27
110	$\text{CeO}_2\text{-TiO}_2$ as a visible light active catalyst for the photoreduction of CO_2 to methanol. Journal of Rare Earths, 2015, 33, 1155-1161.	4.8	82
111	Enhanced power generation using controlled inoculum from palm oil mill effluent fed microbial fuel cell. Fuel, 2015, 143, 72-79.	6.4	53
112	Evaluation of the photocatalytic degradation of pre-treated palm oil mill effluent (POME) over Pt-loaded titania. Journal of Environmental Chemical Engineering, 2015, 3, 261-270.	6.7	49
113	Effect of biofilm formation on the performance of microbial fuel cell for the treatment of palm oil mill effluent. Bioprocess and Biosystems Engineering, 2015, 38, 15-24.	3.4	99
114	Syngas production from glycerol-dry(CO_2) reforming over La-promoted $\text{Ni/Al}_2\text{O}_3$ catalyst. Renewable Energy, 2015, 74, 441-447.	8.9	83
115	Design and Fabrication of Membrane Less Microbial Fuel Cell (ML-MFC) using Food Industries Wastewater for Power Generation. Journal of Chemical Engineering, 2014, 27, 55-59.	0.1	6
116	Aphanamixis Polystachya: A Potential Non-Edible Source of Biodiesel in Bangladesh. Journal of Chemical Engineering, 2014, 28, 45-49.	0.1	12
117	Potentiality of Biodiesel Production From Non-Edible Oil: Bangladesh Perspective. Journal of Chemical Engineering, 2014, 27, 1-5.	0.1	6
118	Conversion of Cellulosic waste into fermentable sugar: Process optimization. Journal of Chemical Engineering, 2014, 28, 27-31.	0.1	9
119	Production of Bio-fuel (Bio-ethanol) from Biomass (Pteris) by Fermentation Process with Yeast. Procedia Engineering, 2014, 90, 504-509.	1.2	13
120	Phototreatment of Palm Oil Mill Effluent (POME) over Cu/TiO_2 Photocatalyst. Bulletin of Chemical Reaction Engineering and Catalysis, 2014, 9, 121-127.	1.1	9
121	Biosynthesis of poly(3-hydroxybutyrate) (PHB) by <i>Cupriavidus necator</i> H16 from jatropha oil as carbon source. Bioprocess and Biosystems Engineering, 2014, 37, 943-951.	3.4	36
122	Synthesis and characterization of CuO/C catalyst for the esterification of free fatty acid in rubber seed oil. Fuel, 2014, 120, 195-201.	6.4	42
123	Kinetic study of biodiesel production from soybean oil. , 2014, , .		2
124	Effect of visible light on catalytic hydrolysis of p-nitrophenyl palmitate by the <i>Pseudomonas cepacia</i> lipase immobilized on sol-gel support. Bioprocess and Biosystems Engineering, 2014, 37, 2353-2359.	3.4	2
125	Uptake of Indosol Dark-blue GL dye from aqueous solution by water hyacinth roots powder: adsorption and desorption study. International Journal of Environmental Science and Technology, 2014, 11, 1027-1034.	3.5	11
126	Catalytic performance of cement clinker supported nickel catalyst in glycerol dry reforming. Journal of Energy Chemistry, 2014, 23, 645-656.	12.9	28

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127	Wastewater treatment and electricity generation by membrane less microbial fuel. International Journal of Environmental Engineering, 2014, 6, 314.	0.1	2
128	<i>In-Situ&/i> Impregnation of Copper Nanoparticles on Palm Empty Fruit Bunch Powder. Advances in Nanoparticles, 2014, 03, 65-71.	1.0	16
129	Light Induced Esterification of Oleic Acid Catalyzed by Pseudomonas Cepacia Lipase. International Journal of Environmental Science and Development, 2014, 5, 344-346.	0.6	2
130	Optimization of Three-Step Method For Biodiesel Production From Waste Cook Oil. Journal of Chemical Engineering, 2014, 27, 6-10.	0.1	0
131	Kinematic study of reducing sugar production from rice straw by raw wood-rotting enzyme strain. Journal of Chemical Engineering, 2014, 28, 32-35.	0.1	0
132	Modification of oil palm empty fruit bunch fibers by nanoparticle impregnation and alkali treatment. Cellulose, 2013, 20, 1477-1490.	4.9	67
133	Bioelectricity Generation from Palm Oil Mill Effluent in Microbial Fuel Cell Using Polacrylonitrile Carbon Felt as Electrode. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	53
134	Biodegradability of Nanoparticle Modified Fiber Reinforced Polyester Resin Nanocomposite. Procedia Engineering, 2013, 68, 431-438.	1.2	8
135	Synthesis of copper nanoparticles and their antimicrobial performances in natural fibres. Materials Letters, 2013, 98, 26-29.	2.6	61
136	Cu nanoparticles for improving the mechanical performances of oil palm empty fruit bunch fibers as analyzed by Weibull model. Polymer Bulletin, 2013, 70, 3103-3113.	3.3	9
137	Factors Affecting the Performance of Double Chamber Microbial Fuel Cell for Simultaneous Wastewater Treatment and Power Generation. Polish Journal of Chemical Technology, 2013, 15, 7-11.	0.5	13
138	Synthesis of Biodiesel from Waste Cooking Oil. Chemical Engineering and Science, 2013, 1, 22-26.	0.6	38
139	Preparation and Optimization of Biodiesel Production from Mixed Feedstock Oil. Chemical Engineering and Science, 2013, 1, 62-66.	0.6	10
140	Treatment of Palm Oil Mill Effluent in Microbial Fuel Cell Using Polyacrylonitrile Carbon Felt as Electrode. Journal of Medical and Bioengineering, 2013, 2, 252-256.	0.5	7
141	Development of Cu Nanoparticle Loaded Oil Palm Fibre Reinforced Nanocomposite. Advances in Nanoparticles, 2013, 02, 358-365.	1.0	14
142	Kinetic Analysis on Cell Growth and Biosynthesis of Poly (3-Hydroxybutyrate) (PHB) in Cupriavidus Necator H16. International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB), 2013, , 516-519.	0.2	1
143	Amylatic Activity of Agaricus and Moulds for the Production of Bioethanol. Chemical Engineering and Science, 2013, 1, 7-11.	0.6	0
144	Papaya (Carica papaya L.) Leaf Powder: Novel Adsorbent for Removal of Methylene Blue from Aqueous Solution. Water, Air, and Soil Pollution, 2012, 223, 4949-4958.	2.4	13

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145	Synthesis and characterization of radiation grafted films for removal of arsenic and some heavy metals from contaminated water. <i>Radiation Physics and Chemistry</i> , 2012, 81, 1606-1611.	2.8	12
146	Structures and performances of simultaneous ultrasound and alkali treated oil palm empty fruit bunch fiber reinforced poly(lactic acid) composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2012, 43, 1921-1929.	7.6	85
147	Generation of Bio-electricity by Microbial Fuel Cells. <i>International Journal of Engineering and Technology(UAE)</i> , 2012, 1, 231.	0.3	2
148	Methylene Blue Adsorption onto Water Hyacinth: Batch and Column Study. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 2943-2953.	2.4	25
149	Performance of the Salt Bridge Based Microbial Fuel Cell. <i>International Journal of Engineering and Technology(UAE)</i> , 2012, 1, 115.	0.3	13
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