

Md. Maksudur Rahman Khan

List of Publications by Year in descending order

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168
papers

4,712
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87888

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133252

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168
all docs

168
docs citations

168
times ranked

5387
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified TiO ₂ photocatalyst for CO ₂ photocatalytic reduction: An overview. Journal of CO ₂ Utilization, 2017, 22, 15-32.	6.8	246
2	Schottky barrier and surface plasmonic resonance phenomena towards the photocatalytic reaction: study of their mechanisms to enhance photocatalytic activity. Catalysis Science and Technology, 2015, 5, 2522-2531.	4.1	245
3	Adsorption of methylene blue from aqueous solution by jackfruit (<i>Artocarpus heterophyllus</i>) leaf powder: A fixed-bed column study. Journal of Environmental Management, 2009, 90, 3443-3450.	7.8	209
4	Rubber seed oil as a potential source for biodiesel production in Bangladesh. Fuel, 2011, 90, 2981-2986.	6.4	153
5	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
6	Structures and performances of simultaneous ultrasound and alkali treated oil palm empty fruit bunch fiber reinforced poly(lactic acid) composites. Composites Part A: Applied Science and Manufacturing, 2012, 43, 1921-1929.	7.6	85
7	Syngas production from glycerol-dry(CO ₂) reforming over La-promoted Ni/Al ₂ O ₃ catalyst. Renewable Energy, 2015, 74, 441-447.	8.9	83
8	CeO ₂ -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
9	Catalytic performance of ceria-supported cobalt catalyst for CO-rich hydrogen production from dry reforming of methane. International Journal of Hydrogen Energy, 2016, 41, 198-207.	7.1	80
10	Production of CO-rich hydrogen from methane dry reforming over lanthania-supported cobalt catalyst: Kinetic and mechanistic studies. International Journal of Hydrogen Energy, 2016, 41, 4603-4615.	7.1	75
11	The preparation of Pt nanoparticles by methanol and citrate. Journal of Colloid and Interface Science, 2006, 299, 678-685.	9.4	72
12	Facile synthesis of CuO/CdS heterostructure photocatalyst for the effective degradation of dye under visible light. Environmental Research, 2020, 188, 109803.	7.5	72
13	Modification of oil palm empty fruit bunch fibers by nanoparticle impregnation and alkali treatment. Cellulose, 2013, 20, 1477-1490.	4.9	67
14	Photocatalytic degradation of recalcitrant POME waste by using silver doped titania: Photokinetics and scavenging studies. Chemical Engineering Journal, 2016, 286, 282-290.	12.7	63
15	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
16	Synthesis of copper nanoparticles and their antimicrobial performances in natural fibres. Materials Letters, 2013, 98, 26-29.	2.6	61
17	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
18	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

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19	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
20	An Insight of Synergy between <i>Pseudomonas aeruginosa</i> and <i>Klebsiella variicola</i> in a Microbial Fuel Cell. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4130-4137.	6.7	54
21	Bioelectricity Generation from Palm Oil Mill Effluent in Microbial Fuel Cell Using Polacrylonitrile Carbon Felt as Electrode. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	53
22	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
23	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
24	Enhanced power generation using controlled inoculum from palm oil mill effluent fed microbial fuel cell. <i>Fuel</i> , 2015, 143, 72-79.	6.4	53
25	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
26	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
27	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
28	Hetero-structure CdS@CuFe ₂ O ₄ as an efficient visible light active photocatalyst for photoelectrochemical reduction of CO ₂ to methanol. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 26271-26284.	7.1	51
29	Preparation of titania doped argentine photocatalyst and its photoactivity towards palm oil mill effluent degradation. <i>Journal of Cleaner Production</i> , 2016, 112, 1128-1135.	9.3	50
30	Augmentation of air cathode microbial fuel cell performance using wild type <i>Klebsiella variicola</i> . <i>RSC Advances</i> , 2017, 7, 4798-4805.	3.6	50
31	Evaluation of the photocatalytic degradation of pre-treated palm oil mill effluent (POME) over Pt-loaded titania. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 261-270.	6.7	49
32	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
33	Enhanced Current Generation Using Mutualistic Interaction of Yeast-Bacterial Coculture in Dual Chamber Microbial Fuel Cell. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 813-821.	3.7	46
34	Ultrasound Driven Biofilm Removal for Stable Power Generation in Microbial Fuel Cell. <i>Energy & Fuels</i> , 2017, 31, 968-976.	5.1	44
35	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
36	Synthesis and characterization of CuO/C catalyst for the esterification of free fatty acid in rubber seed oil. <i>Fuel</i> , 2014, 120, 195-201.	6.4	42

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37	Restoration of liquid effluent from oil palm agroindustry in Malaysia using UV/TiO ₂ and UV/ZnO photocatalytic systems: A comparative study. <i>Journal of Environmental Management</i> , 2017, 196, 674-680.	7.8	42
38	Optimization of co-culture inoculated microbial fuel cell performance using response surface methodology. <i>Journal of Environmental Management</i> , 2018, 225, 242-251.	7.8	41
39	Facile synthesis of copper nanoparticles in glycerol at room temperature: formation mechanism. <i>RSC Advances</i> , 2015, 5, 24544-24549.	3.6	40
40	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
41	Hydrogen-rich syngas production via steam reforming of palm oil mill effluent (POME) – A thermodynamics analysis. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 20711-20724.	7.1	39
42	Harnessing renewable hydrogen-rich syngas from valorization of palm oil mill effluent (POME) using steam reforming technique. <i>Renewable Energy</i> , 2019, 138, 1114-1126.	8.9	39
43	Synthesis of Biodiesel from Waste Cooking Oil. <i>Chemical Engineering and Science</i> , 2013, 1, 22-26.	0.6	38
44	Biosynthesis of poly(3-hydroxybutyrate) (PHB) by <i>Cupriavidus necator</i> H16 from jatropha oil as carbon source. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 943-951.	3.4	36
45	Modelling and optimization of syngas production by methane dry reforming over samarium oxide supported cobalt catalyst: response surface methodology and artificial neural networks approach. <i>Clean Technologies and Environmental Policy</i> , 2017, 19, 1181-1193.	4.1	36
46	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
47	Synthesis of Titania Doped Copper Ferrite Photocatalyst and Its Photoactivity towards Methylene Blue Degradation under Visible Light Irradiation. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2019, 14, 219-227.	1.1	36
48	Adsorption Equilibrium and Adsorption Kinetics: A Unified Approach. <i>Chemical Engineering and Technology</i> , 2004, 27, 1095-1098.	1.5	34
49	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
50	Facile synthesis of CaFe ₂ O ₄ for visible light driven treatment of polluting palm oil mill effluent: Photokinetic and scavenging study. <i>Science of the Total Environment</i> , 2019, 661, 522-530.	8.0	33
51	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
52	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
53	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
54	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

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55	CO ₂ reforming of glycerol over La-Ni/Al ₂ O ₃ catalyst: A longevity evaluative study. Journal of Energy Chemistry, 2015, 24, 366-373.	12.9	30
56	Bio-electrochemical power generation in petrochemical wastewater fed microbial fuel cell. Science of the Total Environment, 2019, 695, 133820.	8.0	30
57	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
58	Catalytic performance of cement clinker supported nickel catalyst in glycerol dry reforming. Journal of Energy Chemistry, 2014, 23, 645-656.	12.9	28
59	Tailoring base catalyzed synthesis of palm oil based alkyd resin through CuO nanoparticles. RSC Advances, 2015, 5, 95894-95902.	3.6	28
60	Effect of waste rubber powder as filler for plywood application. Polish Journal of Chemical Technology, 2015, 17, 41-47.	0.5	28
61	Catalytic pyrolysis of glycerol into syngas over ceria-promoted Ni/Al ₂ O ₃ catalyst. Renewable Energy, 2017, 107, 223-234.	8.9	28
62	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
63	Potentiality of open burnt clay as an adsorbent for the removal of Congo red from aqueous solution. International Journal of Environmental Science and Technology, 2007, 4, 525-532.	3.5	27
64	Synthesis and characterization of a CaFe ₂ O ₄ catalyst for oleic acid esterification. RSC Advances, 2015, 5, 100362-100368.	3.6	27
65	Correlation of power generation with time-course biofilm architecture using <i>Klebsiella variicola</i> in dual chamber microbial fuel cell. International Journal of Hydrogen Energy, 2017, 42, 25933-25941.	7.1	26
66	Methylene Blue Adsorption onto Water Hyacinth: Batch and Column Study. Water, Air, and Soil Pollution, 2012, 223, 2943-2953.	2.4	25
67	Effect of CuO Nanoparticle on Mechanical and Thermal Properties of Palm Oil Based Alkyd/Epoxy Resin Blend. Procedia Chemistry, 2015, 16, 623-631.	0.7	25
68	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
69	Non-isothermal kinetics and mechanistic study of thermal decomposition of light rare earth metal nitrate hydrates using thermogravimetric analysis. Journal of Thermal Analysis and Calorimetry, 2016, 125, 423-435.	3.6	21
70	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
71	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
72	Glycerol electro-oxidation to dihydroxyacetone on phosphorous-doped Pd/CNT nanoparticles in alkaline medium. Catalysis Communications, 2020, 139, 105964.	3.3	21

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73	Platinum states in citrate sols by EXAFS. <i>Journal of Colloid and Interface Science</i> , 2005, 287, 366-369.	9.4	20
74	Synthesis of Copper Nanoparticles at Room Temperature Using Hydrazine in Glycerol. <i>Applied Mechanics and Materials</i> , 0, 481, 21-26.	0.2	19
75	MnO ₂ /CNT as ORR Electrocatalyst in Air-Cathode Microbial Fuel Cells. <i>Procedia Chemistry</i> , 2015, 16, 640-647.	0.7	19
76	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
77	Coconut tree bark as a potential low-cost adsorbent for the removal of methylene blue from wastewater. , 0, 146, 385-392.		19
78	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
79	Experimental evaluation and empirical modelling of palm oil mill effluent steam reforming. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 15784-15793.	7.1	18
80	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
81	Physicochemical and micromechanical investigation of a nanocopper impregnated fibre reinforced nanocomposite. <i>RSC Advances</i> , 2015, 5, 100943-100955.	3.6	17
82	Reactive Gas Solubility in Water: An Empirical Relation. <i>Industrial & Engineering Chemistry Research</i> , 2000, 39, 2627-2630.	3.7	16
83	Carbon Nanotube-Modified MnO ₂ : An Efficient Electrocatalyst for Oxygen Reduction Reaction. <i>ChemistrySelect</i> , 2017, 2, 7637-7644.	1.5	16
84	In-Situ Impregnation of Copper Nanoparticles on Palm Empty Fruit Bunch Powder. <i>Advances in Nanoparticles</i> , 2014, 03, 65-71.	1.0	16
85	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
86	Using Pt sols to prepare low Pt-loading electrodes for polymer electrolyte fuel cells. <i>Journal of Power Sources</i> , 2006, 162, 186-191.	7.8	15
87	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
88	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
89	Date palm fiber as a potential low-cost adsorbent to uptake chromium (VI) from industrial wastewater. , 0, 88, 169-178.		15
90	Pd/CNT Catalysts for Glycerol Electrooxidation: Effect of Pd Loading on Production of Valuable Chemical Products. <i>Electroanalysis</i> , 2020, 32, 1139-1147.	2.9	14

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91	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
92	Development of Cu Nanoparticle Loaded Oil Palm Fibre Reinforced Nanocomposite. <i>Advances in Nanoparticles</i> , 2013, 02, 358-365.	1.0	14
93	Papaya (<i>Carica papaya</i> L.) Leaf Powder: Novel Adsorbent for Removal of Methylene Blue from Aqueous Solution. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 4949-4958.	2.4	13
94	Factors Affecting the Performance of Double Chamber Microbial Fuel Cell for Simultaneous Wastewater Treatment and Power Generation. <i>Polish Journal of Chemical Technology</i> , 2013, 15, 7-11.	0.5	13
95	Production of Bio-fuel (Bio-ethanol) from Biomass (<i>Pteris</i>) by Fermentation Process with Yeast. <i>Procedia Engineering</i> , 2014, 90, 504-509.	1.2	13
96	An assessment of the longevity of samarium cobalt trioxide perovskite catalyst during the conversion of greenhouse gases into syngas. <i>Journal of Cleaner Production</i> , 2018, 185, 576-587.	9.3	13
97	Performance of the Salt Bridge Based Microbial Fuel Cell. <i>International Journal of Engineering and Technology(UAE)</i> , 2012, 1, 115.	0.3	13
98	Effect of Palm Kernel Meal as Melamine Urea Formaldehyde Adhesive Extender for Plywood Application: Using a Fourier Transform Infrared Spectroscopy (FTIR) Study. <i>Applied Mechanics and Materials</i> , 0, 121-126, 493-498.	0.2	12
99	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
100	<i>Aphanamixis Polystachya</i> : A Potential Non-Edible Source of Biodiesel in Bangladesh. <i>Journal of Chemical Engineering</i> , 2014, 28, 45-49.	0.1	12
101	Biogenic approach to synthesize rod shaped $Gd_{2}O_{3}$ nanoparticles and its optimization using response surface methodology-Box-Behnken design model. <i>Biotechnology Progress</i> , 2019, 35, e2823.	2.6	12
102	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
103	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
104	Effect of <i>Jatropha</i> Seed Oil Meal and Rubber Seed Oil Meal as Melamine Urea Formaldehyde Adhesive Extender on the Bonding Strength of Plywood. <i>Journal of Applied Sciences</i> , 2012, 12, 1148-1153.	0.3	12
105	Kinetics and mechanism of Cr(VI) adsorption onto tea-leaves waste. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2008, 3, 452-458.	1.5	11
106	Uptake of Indosol Dark-blue GL dye from aqueous solution by water hyacinth roots powder: adsorption and desorption study. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 1027-1034.	3.5	11
107	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
108	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

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109	Comparison of Extraction Techniques on Extraction of Gallic Acid From Stem Bark of <i>Jatropha curcas</i> . <i>Journal of Applied Sciences</i> , 2012, 12, 1106-1111.	0.3	11
110	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
111	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
112	Sulfuric disazo dye stabilized copper nanoparticle composite mixture: synthesis and characterization. <i>RSC Advances</i> , 2016, 6, 15094-15100.	3.6	10
113	Preparation and Optimization of Biodiesel Production from Mixed Feedstock Oil. <i>Chemical Engineering and Science</i> , 2013, 1, 62-66.	0.6	10
114	Syngas Production from Catalytic CO ₂ Reforming of CH ₄ over CaFe ₂ O ₄ Supported Ni and Co Catalysts: Full Factorial Design Screening. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2018, 13, 57-73.	1.1	10
115	Cu nanoparticles for improving the mechanical performances of oil palm empty fruit bunch fibers as analyzed by Weibull model. <i>Polymer Bulletin</i> , 2013, 70, 3103-3113.	3.3	9
116	Conversion of Cellulosic waste into fermentable sugar: Process optimization. <i>Journal of Chemical Engineering</i> , 2014, 28, 27-31.	0.1	9
117	Phototreatment of Palm Oil Mill Effluent (POME) over Cu/TiO ₂ Photocatalyst. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2014, 9, 121-127.	1.1	9
118	Electrochemical Study of Copper Ferrite as a Catalyst for CO ₂ Photoelectrochemical Reduction. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2018, 13, 236.	1.1	9
119	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
120	Biodegradability of Nanoparticle Modified Fiber Reinforced Polyester Resin Nanocomposite. <i>Procedia Engineering</i> , 2013, 68, 431-438.	1.2	8
121	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
122	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
123	Formation of CuO Nanoparticle in Glycerol and Its Catalytic Activity for Alkyd Resin Synthesis. <i>Materials Today: Proceedings</i> , 2018, 5, 3165-3175.	1.8	8
124	Facile Synthesis of PVP-MnO ₂ /CNT Composites as ORR Electrocatalyst for an Air-Cathode Microbial Fuel Cell. <i>International Journal of Electrochemical Science</i> , 2018, 13, 7789-7799.	1.3	8
125	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
126	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

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127	Copper nanoparticle in cationized palm oil fibres: physico-chemical investigation. <i>Colloid and Polymer Science</i> , 2015, 293, 777-786.	2.1	7
128	Mono- and bi-cyanoacrylic acid substituted phenothiazine based sensitizers for dye sensitized solar cells. <i>Optik</i> , 2020, 208, 164046.	2.9	7
129	Treatment of Palm Oil Mill Effluent in Microbial Fuel Cell Using Polyacrylonitrile Carbon Felt as Electrode. <i>Journal of Medical and Bioengineering</i> , 2013, 2, 252-256.	0.5	7
130	Design and Fabrication of Membrane Less Microbial Fuel Cell (ML-MFC) using Food Industries Wastewater for Power Generation. <i>Journal of Chemical Engineering</i> , 2014, 27, 55-59.	0.1	6
131	Potentiality of Biodiesel Production From Non-Edible Oil: Bangladesh Perspective. <i>Journal of Chemical Engineering</i> , 2014, 27, 1-5.	0.1	6
132	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
133	Electricity generation form pretreated palm oil mill effluent using <i>Klebsiella Variicola</i> as an inoculum in Microbial fuel cell. , 2016, , .		6
134	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
135	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
136	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
137	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
138	Investigation of polymer degradation by addition of magnesium. <i>International Journal of Polymer Analysis and Characterization</i> , 2016, 21, 156-162.	1.9	5
139	Multi-perspective CuO@C nanocomposites: Synthesis using drumstick peel as carbon source and its optimization using response surface methodology. <i>Composites Part B: Engineering</i> , 2019, 172, 690-703.	12.0	5
140	IBA-modified gypsum-containing epoxy resin coating for rebar: corrosion performance and bonding characteristics. <i>International Journal of Plastics Technology</i> , 2019, 23, 20-28.	3.1	5
141	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
142	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
143	Application of Electroporation Technique in Biofuel Processing. <i>MATEC Web of Conferences</i> , 2017, 97, 01085.	0.2	4
144	Economic and Market Value of Biogas Technology. , 2017, , 137-158.		4

#	ARTICLE	IF	CITATIONS
145	Preparation and Characterization of Biodiesel from Karanja Oil by Using Silica Gel Reactor. , 0, , .		4
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