

Sharifah Bee Abd Hamid

List of Publications by Year in descending order

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245
papers

11,390
citations

31974
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38392
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251
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251
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251
times ranked

14923
citing authors

#	ARTICLE	IF	CITATIONS
1	Telescopic Synthesis of Azo Compounds via Stable Arenediazonium Tosylates by Using <i>n</i> -Butyl Nitrite as Diazotization Reagent. Polycyclic Aromatic Compounds, 2019, 39, 346-352.	2.6	2
2	Optimization of the Synthesis of Superhydrophobic Carbon Nanomaterials by Chemical Vapor Deposition. Scientific Reports, 2018, 8, 2778.	3.3	61
3	Gelatin controversies in food, pharmaceuticals, and personal care products: Authentication methods, current status, and future challenges. Critical Reviews in Food Science and Nutrition, 2018, 58, 1495-1511.	10.3	40
4	One-step hydrothermal synthesis of titanium dioxide decorated on reduced graphene oxide for dye-sensitized solar cells application. International Journal of Nanotechnology, 2018, 15, 78.	0.2	4
5	Development and validation of short-amplicon length PCR assay for macaques meat detection under complex matrices. International Journal of Food Properties, 2017, 20, 231-245.	3.0	8
6	Tetraplex PCR assay involving double gene-sites discriminates beef and buffalo in Malaysian meat curry and burger products. Food Chemistry, 2017, 224, 97-104.	8.2	16
7	GC-MS study of thermochemical conversion of guaifenesin in the presence of 1-butyl-3-methylimidazolium-based ionic liquids. Research on Chemical Intermediates, 2017, 43, 4007-4021.	2.7	3
8	CuZrO ₃ nanoparticles catalyst in aerobic oxidation of vanillyl alcohol. RSC Advances, 2017, 7, 9914-9925.	3.6	28
9	Bimetallic Cu-Ni catalysts supported on MCM-41 and Ti-MCM-41 porous materials for hydrodeoxygenation of lignin model compound into transportation fuels. Fuel Processing Technology, 2017, 162, 87-97.	7.2	93
10	Microwave-assisted degradation of guaifenesin (GGE) to produce novel compounds in the presence of imidazolium-based ionic liquids. Journal of Thermal Analysis and Calorimetry, 2017, 130, 1513-1529.	3.6	1
11	Investigation of optimal conditions for production of highly crystalline nanocellulose with increased yield via novel Cr(III)-catalyzed hydrolysis: Response surface methodology. Carbohydrate Polymers, 2017, 178, 57-68.	10.2	29
12	Facile production of nanostructured cellulose from Elaeis guineensis empty fruit bunch via one pot oxidative-hydrolysis isolation approach. Carbohydrate Polymers, 2017, 157, 1511-1524.	10.2	37
13	Study of reduced graphene oxide film incorporated of TiO ₂ species for efficient visible light driven dye-sensitized solar cell. Journal of Materials Science: Materials in Electronics, 2017, 28, 3819-3836.	2.2	29
14	Catalytic evaluation on liquid phase oxidation of vanillyl alcohol using air and H ₂ O ₂ over mesoporous Cu-Ti composite oxide. Applied Surface Science, 2017, 394, 205-218.	6.1	40
15	Immobilization of glucose oxidase on 3D graphene thin film: Novel glucose bioanalytical sensing platform. International Journal of Hydrogen Energy, 2017, 42, 1337-1343.	7.1	26
16	Targeting double genes in multiplex PCR for discriminating bovine, buffalo and porcine materials in food chain. Food Control, 2017, 73, 175-184.	5.5	48
17	Effect of band gap engineering in anionic-doped TiO ₂ photocatalyst. Applied Surface Science, 2017, 391, 326-336.	6.1	167
18	Surface modification of reduced graphene oxide film by Ti ion implantation technique for high dye-sensitized solar cells performance. Ceramics International, 2017, 43, 625-633.	4.8	37

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19	Room temperature synthesis of TiO ₂ supported chitosan photocatalyst: Study on physicochemical and adsorption photo-decolorization properties. <i>Materials Research Bulletin</i> , 2017, 86, 24-29.	5.2	22
20	Easy Fabrication of Highly Thermal-Stable Cellulose Nanocrystals Using Cr(NO ₃) ₃ Catalytic Hydrolysis System: A Feasibility Study from Macro- to Nano-Dimensions. <i>Materials</i> , 2017, 10, 42.	2.9	43
21	Equilibrium Isotherm, Kinetic, and Thermodynamic Studies of Divalent Cation Adsorption onto <i>Calamus gracilis</i> Sawdust-Based Activated Carbon. <i>BioResources</i> , 2017, 12, .	1.0	8
22	Hydrothermally Treated Banana Empty Fruit Bunch Fiber Activated Carbon for Pb(II) and Zn(II) Removal. <i>BioResources</i> , 2016, 11, .	1.0	14
23	Preparation and Characterization of Nanocrystalline Cellulose using Ultrasonication Combined with a Microwave-assisted Pretreatment Process. <i>BioResources</i> , 2016, 11, .	1.0	49
24	Catalytic Isolation and Physicochemical Properties of Nanocrystalline Cellulose (NCC) using HCl-FeCl ₃ System Combined with Ultrasonication. <i>BioResources</i> , 2016, 11, .	1.0	10
25	A Response Surface Methodology Study: Effects of Trivalent Cr ³⁺ Metal Ion-Catalyzed Hydrolysis on Nanocellulose Crystallinity and Yield. <i>BioResources</i> , 2016, 11, .	1.0	9
26	Influence Applied Potential on the Formation of Self-Organized ZnO Nanorod Film and Its Photoelectrochemical Response. <i>International Journal of Photoenergy</i> , 2016, 2016, 1-8.	2.5	7
27	Preparation of Nanostructured Cellulose via Cr(III)- and Mn(II)-Transition Metal Salt Catalyzed Acid Hydrolysis Approach. <i>BioResources</i> , 2016, 11, .	1.0	18
28	Efficient Solar-Induced Photoelectrochemical Response Using Coupling Semiconductor TiO ₂ -ZnO Nanorod Film. <i>Materials</i> , 2016, 9, 937.	2.9	15
29	Synthesis, PASS-Predication and in Vitro Antimicrobial Activity of Benzyl 4-O-benzoyl-1- β -D-rhamnopyranoside Derivatives. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1412.	4.1	19
30	Controllable Electrochemical Synthesis of Reduced Graphene Oxide Thin-Film Constructed as Efficient Photoanode in Dye-Sensitized Solar Cells. <i>Materials</i> , 2016, 9, 69.	2.9	15
31	Rational Design and Synthesis of New, High Efficiency, Multipotent Schiff Base-1,2,4-triazole Antioxidants Bearing Butylated Hydroxytoluene Moieties. <i>Molecules</i> , 2016, 21, 847.	3.8	31
32	Lab-on-a-Chip-Based PCR-RFLP Assay for the Detection of Malayan Box Turtle (<i>Cuora amboinensis</i>) in the Food Chain and Traditional Chinese Medicines. <i>PLoS ONE</i> , 2016, 11, e0163436.	2.5	18
33	Selective and Stable Ethylbenzene Dehydrogenation to Styrene over Nanodiamonds under Oxygen-Free Conditions. <i>ChemSusChem</i> , 2016, 9, 662-666.	6.8	43
34	Electrocatalytic Activity of Immobilized Co(II) on Porous Graphene Aerogels. <i>Journal of the Chinese Chemical Society</i> , 2016, 63, 590-595.	1.4	4
35	Synthesis of reduced graphene oxide/tungsten trioxide nanocomposite electrode for high electrochemical performance. <i>Ceramics International</i> , 2016, 42, 13128-13135.	4.8	28
36	Synergetic effects in novel hydrogenated F-doped TiO ₂ photocatalysts. <i>Applied Surface Science</i> , 2016, 370, 380-393.	6.1	108

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37	Hydrodeoxygenation of dibenzofuran to bicyclic hydrocarbons using bimetallic Cuâ€“Ni catalysts supported on metal oxides. <i>Fuel</i> , 2016, 180, 767-776.	6.4	77
38	One step facile synthesis of ferromagnetic magnetite nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 414, 204-208.	2.3	54
39	Controlled acid catalyzed sol gel for the synthesis of highly active TiO ₂ -chitosan nanocomposite and its corresponding photocatalytic activity. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23158-23168.	5.3	15
40	Catalytic dehydration of glycerol to acrolein over M ₂ SH _{0.5} PW ₁₂ O ₄₀ (M=Cs, Rb and K) phosphotungstic acids: Effect of substituted alkali metals. <i>Polyhedron</i> , 2016, 120, 154-161.	2.2	9
41	Nanosized spinel Cuâ€“Mn mixed oxide catalyst prepared via solvent evaporation for liquid phase oxidation of vanillyl alcohol using air and H ₂ O ₂ . <i>RSC Advances</i> , 2016, 6, 96314-96326.	3.6	36
42	Fe-doped mesoporous anatase-brookite titania in the solar-light-induced photodegradation of Reactive Black 5 dye. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 68, 153-161.	5.3	26
43	Double Gene Targeting Multiplex Polymerase Chain Reactionâ€“Restriction Fragment Length Polymorphism Assay Discriminates Beef, Buffalo, and Pork Substitution in Frankfurter Products. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6343-6354.	5.2	52
44	Nanoscale Pd-based catalysts for selective oxidation of glycerol with molecular oxygen: Structureâ€“activity correlations. <i>Polyhedron</i> , 2016, 120, 124-133.	2.2	23
45	Duplex real-time PCR assay using SYBR Green to detect and quantify Malayan box turtle (<i>Cuora) Tj ETQq1 1 0.784314 rgBT /Overlock powder. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 1643-1659.	2.3	16
46	Can We Optimize Arc Discharge and Laser Ablation for Well-Controlled Carbon Nanotube Synthesis?. <i>Nanoscale Research Letters</i> , 2016, 11, 510.	5.7	87
47	Highly Efficient and Stable Novel NanoBiohybrid Catalyst to Avert 3,4-Dihydroxybenzoic Acid Pollutant in Water. <i>Scientific Reports</i> , 2016, 6, 33572.	3.3	24
48	Incorporation of chitosan and glass substrate for improvement in adsorption, separation, and stability of TiO ₂ photodegradation. <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 865-874.	3.5	10
49	Novel layer-by-layer assembly of rGO-hybridised ZnO sandwich thin films for the improvement of photo-catalysed hydrogen production. <i>Journal of Energy Chemistry</i> , 2016, 25, 336-344.	12.9	19
50	A Method for the Detection of Potential Fraud of Bringing Feline Meat in Food Chain. <i>International Journal of Food Properties</i> , 2016, 19, 1645-1658.	3.0	9
51	Mesoporous boron-doped onion-like carbon as long-life oxygen electrode for sodiumâ€“oxygen batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 6610-6619.	10.3	46
52	Disintegrative activation of Pd nanoparticles on carbon nanotubes for catalytic phenol hydrogenation. <i>Catalysis Science and Technology</i> , 2016, 6, 1003-1006.	4.1	28
53	Highly Selective Hydrogenation of Biomass-Derived Furfural into Furfuryl Alcohol Using a Novel Magnetic Nanoparticles Catalyst. <i>Energy & Fuels</i> , 2016, 30, 2216-2226.	5.1	100
54	Effective role of trifluoroacetic acid (TFA) to enhance the photocatalytic activity of F-doped TiO ₂ prepared by modified solâ€“gel method. <i>Applied Surface Science</i> , 2016, 365, 57-68.	6.1	65

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55	Promising Ni/Al-SBA-15 catalysts for hydrodeoxygenation of dibenzofuran into fuel grade hydrocarbons: synergetic effect of Ni and Al-SBA-15 support. RSC Advances, 2016, 6, 25992-26002.	3.6	28
56	Enhancing lubricant properties by nanoparticle additives. International Journal of Hydrogen Energy, 2016, 41, 3153-3170.	7.1	327
57	Structure-activity relationships of nanoscale MnOx/CeO2 heterostructured catalysts for selective oxidation of amines under eco-friendly conditions. Applied Catalysis B: Environmental, 2016, 185, 213-224.	20.2	114
58	Progress on implantable biofuel cell: Nano-carbon functionalization for enzyme immobilization enhancement. Biosensors and Bioelectronics, 2016, 79, 850-860.	10.1	112
59	Short Amplicon-Length PCR Assay Targeting Mitochondrial Cytochrome b Gene for the Detection of Feline Meats in Burger Formulation. Food Analytical Methods, 2016, 9, 571-581.	2.6	17
60	Synergic effect of tungstophosphoric acid and sonication for rapid synthesis of crystalline nanocellulose. Carbohydrate Polymers, 2016, 138, 349-355.	10.2	73
61	N-Methylimidazolium perchlorate as a new ionic liquid for the synthesis of bis(pyrazol-5-ol)s under solvent-free conditions. Chinese Chemical Letters, 2016, 27, 104-108.	9.0	37
62	Photocatalytic performance of activated carbon-supported mesoporous titanium dioxide. Desalination and Water Treatment, 2016, 57, 10859-10865.	1.0	22
63	Easy Formation of Nanodisk-Dendritic ZnO Film via Controlled Electrodeposition Process. Journal of Nanomaterials, 2015, 2015, 1-7.	2.7	4
64	Novel BC ₂ N Nanocages: A DFT Investigation. Heteroatom Chemistry, 2015, 26, 150-160.	0.7	1
65	Functionalization of Graphene Oxide with 3-mercaptopropyltrimethoxysilane and Its Electrocatalytic Activity in Aqueous Medium. Journal of the Chinese Chemical Society, 2015, 62, 689-694.	1.4	12
66	In Situ Anodization of WO ₃ -Decorated TiO ₂ Nanotube Arrays for Efficient Mercury Removal. Materials, 2015, 8, 5702-5714.	2.9	12
67	Advanced Chemical Reduction of Reduced Graphene Oxide and Its Photocatalytic Activity in Degrading Reactive Black 5. Materials, 2015, 8, 7118-7128.	2.9	97
68	Preparation of Nanocellulose via Transition Metal Salt-Catalyzed Hydrolysis Pathway. BioResources, 2015, 10, .	1.0	44
69	Mechanism and Kinetics Study for Photocatalytic Oxidation Degradation: A Case Study for Phenoxyacetic Acid Organic Pollutant. Journal of Nanomaterials, 2015, 2015, 1-10.	2.7	16
70	Rapid Formation of 1D Titanate Nanotubes Using Alkaline Hydrothermal Treatment and Its Photocatalytic Performance. Journal of Nanomaterials, 2015, 2015, 1-7.	2.7	6
71	Determining the Optimum Exposure and Recovery Periods for Efficient Operation of a QCM Based Elemental Mercury Vapor Sensor. Journal of Sensors, 2015, 2015, 1-7.	1.1	6
72	Functionalized Activated Carbon Derived from Biomass for Photocatalysis Applications Perspective. International Journal of Photoenergy, 2015, 2015, 1-30.	2.5	39

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73	4-(Succinimido)-1-butane sulfonic acid as a Brønsted acid catalyst for the synthesis of pyrano[4,3-b]pyran derivatives using thermal and ultrasonic irradiation. Chinese Journal of Catalysis, 2015, 36, 728-733.	14.0	11
74	Statistical optimization of effective parameters on saturation magnetization of nanomagnetite particles. Journal of Magnetism and Magnetic Materials, 2015, 393, 30-35.	2.3	19
75	A suitable method for the detection of a potential fraud of bringing macaque monkey meat into the food chain. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1013-1022.	2.3	32
76	Controlled nitrogen insertion in titanium dioxide for optimal photocatalytic degradation of atrazine. RSC Advances, 2015, 5, 44041-44052.	3.6	48
77	Green preparation of reduced graphene oxide using a natural reducing agent. Ceramics International, 2015, 41, 9505-9513.	4.8	54
78	Progress on mesoporous titanium dioxide: Synthesis, modification and applications. Microporous and Mesoporous Materials, 2015, 218, 206-222.	4.4	125
79	Glassy carbon electrodes modified with gelatin functionalized reduced graphene oxide nanosheet for determination of gallic acid. Bulletin of Materials Science, 2015, 38, 1711-1716.	1.7	12
80	Facile Synthesis of High Quality Graphene Oxide from Graphite Flakes Using Improved Hummer's Technique. Journal of Nanoscience and Nanotechnology, 2015, 15, 6769-6773.	0.9	21
81	Nanobiohybrid: A Favorite Candidate for Future Water Purification Technology. Advanced Materials Research, 2015, 1131, 193-197.	0.3	3
82	Understanding the role of lanthanide promoters on the structure-activity of nanosized Ni ²⁺ -Al ₂ O ₃ catalysts in carbon dioxide reforming of methane. Applied Catalysis A: General, 2015, 492, 160-168.	4.3	47
83	Multiplex PCR assay for the detection of five meat species forbidden in Islamic foods. Food Chemistry, 2015, 177, 214-224.	8.2	158
84	Easy preparation of ultrathin reduced graphene oxide sheets at a high stirring speed. Ceramics International, 2015, 41, 5798-5806.	4.8	130
85	Stable monodisperse nanomagnetic colloidal suspensions: An overview. Colloids and Surfaces B: Biointerfaces, 2015, 133, 388-411.	5.0	81
86	Lab-on-a-Chip PCR-RFLP Assay for the Detection of Canine DNA in Burger Formulations. Food Analytical Methods, 2015, 8, 1598-1606.	2.6	18
87	Synthesis and Characterization of TiO ₂ Nanoparticles via Alternative Sol-Gel Preparation Routes. Advanced Materials Research, 2015, 1087, 191-196.	0.3	2
88	Effect of magnetic and thermal properties of iron oxide nanoparticles (IONs) in nitrile butadiene rubber (NBR) latex. Journal of Magnetism and Magnetic Materials, 2015, 395, 173-179.	2.3	11
89	Novel cations of xenon trifluoroborazine complexes: Structures, reactivities, and natural bonding orbital analysis. Journal of Fluorine Chemistry, 2015, 178, 99-106.	1.7	3
90	Understanding the chemistry behind the antioxidant activities of <i>n</i> -butylated hydroxytoluene (BHT): A review. European Journal of Medicinal Chemistry, 2015, 101, 295-312.	5.5	291

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91	Simple Response Surface Methodology: Investigation on Advance Photocatalytic Oxidation of 4-Chlorophenoxyacetic Acid Using UV-Active ZnO Photocatalyst. <i>Materials</i> , 2015, 8, 339-354.	2.9	50
92	Enhancement of the intrinsic photocatalytic activity of TiO ₂ in the degradation of 1,3,5-triazine herbicides by doping with N,F. <i>Chemical Engineering Journal</i> , 2015, 280, 330-343.	12.7	56
93	Cellulase biocatalysis: key influencing factors and mode of action. <i>Cellulose</i> , 2015, 22, 2157-2182.	4.9	29
94	One-Step Formation of WO ₃ -Loaded TiO ₂ Nanotubes Composite Film for High Photocatalytic Performance. <i>Materials</i> , 2015, 8, 2139-2153.	2.9	32
95	Sol-gel synthesis of γ -Fe ₂ O ₃ nanoparticles and its photocatalytic application. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 74, 783-789.	2.4	31
96	Synthesis and spectroscopic characterization of palladium-doped titanium dioxide catalyst. <i>Bulletin of Materials Science</i> , 2015, 38, 461-465.	1.7	9
97	Charge transfer behavior of graphene-titania photoanode in CO ₂ photoelectrocatalysis process. <i>Applied Surface Science</i> , 2015, 339, 22-27.	6.1	28
98	Mercury Migration and Speciation Study during Monoethylene Glycol Regeneration Processes. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 5349-5355.	3.7	9
99	Effects of synthetic explanatory variable on saturation magnetization of colloidal nanomagnetite slurry. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 16178-16183.	7.1	7
100	Alginate-derived solid acid catalyst for esterification of low-cost palm fatty acid distillate. <i>Energy Conversion and Management</i> , 2015, 106, 932-940.	9.2	30
101	A suitable method to detect potential fraud of bringing Malayan box turtle (<i>Cuora</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1223-1233.	2.3	19
102	A lab-on-a-chip-based multiplex platform to detect potential fraud of introducing pig, dog, cat, rat and monkey meat into the food chain. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 1902-1913.	2.3	18
103	TaqMan probe real-time polymerase chain reaction assay for the quantification of canine DNA in chicken nugget. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 33, 1-9.	2.3	2
104	Preparation of high crystallinity cellulose nanocrystals (CNCs) by ionic liquid solvolysis. <i>Biomass and Bioenergy</i> , 2015, 81, 584-591.	5.7	179
105	Adsorption, thermodynamic, and electrochemical studies of ketosulfide for mild steel in acidic medium. <i>Journal of Adhesion Science and Technology</i> , 2015, 29, 2692-2708.	2.6	9
106	Influence of triblock copolymer (pluronic F127) on enhancing the physico-chemical properties and photocatalytic response of mesoporous TiO ₂ . <i>Applied Surface Science</i> , 2015, 355, 959-968.	6.1	31
107	Performance of cobalt titanate towards H ₂ O ₂ based catalytic oxidation of lignin model compound. <i>RSC Advances</i> , 2015, 5, 79644-79653.	3.6	55
108	A sol-gel derived, copper-doped, titanium dioxide-reduced graphene oxide nanocomposite electrode for the photoelectrocatalytic reduction of CO ₂ to methanol and formic acid. <i>RSC Advances</i> , 2015, 5, 77803-77813.	3.6	47

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109	Lab-on-a-chip-based PCR-RFLP assay for the confirmed detection of short-length feline DNA in food. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1373-1383.	2.3	15
110	Surface modification of mixed-phase hydrogenated TiO ₂ and corresponding photocatalytic response. Applied Surface Science, 2015, 359, 883-896.	6.1	84
111	Removal of Iron, Manganese and Boron from Industrial Effluent Water Using Carbon Nanofibers. Advanced Materials Research, 2015, 1109, 158-162.	0.3	0
112	Ga doped RGO-TiO ₂ composite on an ITO surface electrode for investigation of photoelectrocatalytic activity under visible light irradiation. New Journal of Chemistry, 2015, 39, 369-376.	2.8	36
113	In-situ precipitation of ultra-stable nano-magnetite slurry. Journal of Magnetism and Magnetic Materials, 2015, 379, 74-79.	2.3	35
114	Catalytic pretreatment of biochar residues derived from lignocellulosic feedstock for equilibrium studies of manganese, Mn(II) cations from aqueous solution. RSC Advances, 2015, 5, 6345-6356.	3.6	30
115	Thermally decomposed mesoporous Nickel Iron hydrotalcite: An active solid-base catalyst for solvent-free Knoevenagel condensation. Journal of Colloid and Interface Science, 2015, 441, 52-58.	9.4	26
116	Formation of Functional Carbonaceous Materials via Iron Oxide-Assisted Hydrothermal Carbonization. Nanoscience and Nanotechnology Letters, 2015, 7, 655-660.	0.4	1
117	ZnCl ₂ /NaCl-Catalysed Hydrothermal Carbonization of Glucose and Oil Palm Shell Fiber. Nanoscience and Nanotechnology Letters, 2015, 7, 611-615.	0.4	8
118	Covalent Functionalization Schemes for Tailoring Solubility of Multi-Walled Carbon Nanotubes in Water and Acetone Solvents. Science of Advanced Materials, 2015, 7, 2726-2737.	0.7	24
119	Evaluation on the Photocatalytic Degradation Activity of Reactive Blue 4 using Pure Anatase Nano-TiO ₂ . Sains Malaysiana, 2015, 44, 1011-1019.	0.5	46
120	Modification of Multi-walled Carbon Nanotubes with Nanoparticles for High Photocatalytic Activity. Current Nanoscience, 2015, 11, 504-508.	1.2	4
121	Titanium Dioxide as a Catalyst Support in Heterogeneous Catalysis. Scientific World Journal, The, 2014, 2014, 1-21.	2.1	262
122	Recent Advances in Heterogeneous Photocatalytic Decolorization of Synthetic Dyes. Scientific World Journal, The, 2014, 2014, 1-25.	2.1	255
123	Conversion of Lignocellulosic Biomass to Nanocellulose: Structure and Chemical Process. Scientific World Journal, The, 2014, 2014, 1-20.	2.1	361
124	Evaluating Design Parameters for Breakthrough Curve Analysis and Kinetics of Fixed Bed Columns for Cu(II) Cations Using Lignocellulosic Wastes. BioResources, 2014, 10, .	1.0	23
125	Catalytic Extraction of Microcrystalline Cellulose (MCC) from Elaeis guineensis using Central Composite Design (CCD). BioResources, 2014, 9, .	1.0	18
126	Gel-assisted synthesis of anatase TiO ₂ nanoparticles and application for electrochemical determination of L-tryptophan. Russian Journal of Electrochemistry, 2014, 50, 947-952.	0.9	8

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127	Effect of Ce Doping on RGO-TiO ₂ Nanocomposite for High Photoelectrocatalytic Behavior. International Journal of Photoenergy, 2014, 2014, 1-8.	2.5	12
128	Heterogeneous Metal Catalysts for Oxidation Reactions. Journal of Nanomaterials, 2014, 2014, 1-23.	2.7	55
129	Common Wet Chemical Agents for Purifying Multiwalled Carbon Nanotubes. Journal of Nanomaterials, 2014, 2014, 1-9.	2.7	24
130	Biotemplated Synthesis of Anatase Titanium Dioxide Nanoparticles via Lignocellulosic Waste Material. BioMed Research International, 2014, 2014, 1-7.	1.9	76
131	Base Catalytic Approach: A Promising Technique for the Activation of Biochar for Equilibrium Sorption Studies of Copper, Cu(II) Ions in Single Solute System. Materials, 2014, 7, 2815-2832.	2.9	59
132	Preparation and investigation of photoelectrochemical behaviour of Ce and W co-doped TiO ₂ composite film. Materials Research Innovations, 2014, 18, S6-241-S6-244.	2.3	0
133	Synthesis of graphene oxide nanosheet: A novel glucose sensor based on nickel-graphene oxide composite film. Russian Journal of Electrochemistry, 2014, 50, 1044-1049.	0.9	9
134	Cobalt Doped Titanium Dioxide Nanoparticles: Synthesis, Characterization and Electrocatalytic Study. Journal of the Chinese Chemical Society, 2014, 61, 702-706.	1.4	25
135	Green Synthesis of Ag Nanoparticles by Callicarpa Maingayi: Characterization and Its Application with Graphene Oxide for Enzymeless Hydrogen Peroxide Detection. Journal of the Chinese Chemical Society, 2014, 61, 631-637.	1.4	7
136	Multiwalled carbon nanotube/TiO ₂ nanocomposite as a highly active photocatalyst for photodegradation of Reactive Black 5 dye. Chinese Journal of Catalysis, 2014, 35, 2014-2019.	14.0	47
137	Facile synthesis of magnetite iron oxide nanoparticles via precipitation method at different reaction temperatures. Materials Research Innovations, 2014, 18, S6-470-S6-473.	2.3	1
138	One-dimensional TiO ₂ nanotubes arrays: Influence of anodisation voltage and their photocatalytic activity performance. Materials Research Innovations, 2014, 18, S6-474-S6-476.	2.3	0
139	Electrochemical growth of self-organised anodic TiO ₂ nanotubes for better photocatalytic degradation reaction. Materials Research Innovations, 2014, 18, S6-462-S6-464.	2.3	1
140	Tunable Band Gap Energy of Mn-Doped ZnO Nanoparticles Using the Coprecipitation Technique. Journal of Nanomaterials, 2014, 2014, 1-6.	2.7	32
141	Statistical Optimization for Acid Hydrolysis of Microcrystalline Cellulose and Its Physiochemical Characterization by Using Metal Ion Catalyst. Materials, 2014, 7, 6982-6999.	2.9	77
142	An Overview: Recent Development of Titanium Oxide Nanotubes as Photocatalyst for Dye Degradation. International Journal of Photoenergy, 2014, 2014, 1-14.	2.5	42
143	A study on growth formation of nano-sized magnetite Fe ₃ O ₄ via co-precipitation method. Materials Research Innovations, 2014, 18, S6-457-S6-461.	2.3	9
144	Identification of short-length oligonucleotides biomarker for canine species detection using mitochondrial cytochrome b gene. Asian Pacific Journal of Tropical Disease, 2014, 4, 235.	0.5	0

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145	Canine-Specific PCR Assay Targeting Cytochrome b Gene for the Detection of Dog Meat Adulteration in Commercial Frankfurters. <i>Food Analytical Methods</i> , 2014, 7, 234-241.	2.6	32
146	Preparation and electrochemical performance of grapheneâ€Pt black nanocomposite for electrochemical methanol oxidation. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 893-898.	2.5	18
147	Structural and optical insights to enhance solar cell performance of CdS nanostructures. <i>Energy Conversion and Management</i> , 2014, 82, 238-243.	9.2	71
148	Multiplex PCR in Species Authentication: Probability and Prospectsâ€A Review. <i>Food Analytical Methods</i> , 2014, 7, 1933-1949.	2.6	103
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