

Juan Joon Ching

List of Publications by Year in descending order

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Version: 2024-02-01

186
papers

11,556
citations

50276

46
h-index

30922

102
g-index

191
all docs

191
docs citations

191
times ranked

14258
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advancement in deoxygenation of fatty acids via homogeneous catalysis for biofuel production. <i>Molecular Catalysis</i> , 2022, 523, 111207.	2.0	10
2	Highly active iron-promoted hexagonal mesoporous silica (HMS) for deoxygenation of triglycerides to green hydrocarbon-like biofuel. <i>Fuel</i> , 2022, 308, 121860.	6.4	26
3	Photodegradation assessment of RB5 dye by utilizing WO ₃ /TiO ₂ nanocomposite: a cytotoxicity study. <i>Environmental Science and Pollution Research</i> , 2022, 29, 22372-22390.	5.3	3
4	Metal-free and green synthesis of a series of new bis(2-alkylsulfanyl-[1,3,4]thiadiazolyl)-5,5'-disulfides and 2,2'-Dibenzothiazyl disulfide via oxidative self-coupling using hydrogen peroxide. <i>Polyhedron</i> , 2022, 213, 115610.	2.2	4
5	Advanced photocatalytic degradation of acetaminophen using Cu ₂ O/WO ₃ /TiO ₂ ternary composite under solar irradiation. <i>Catalysis Communications</i> , 2022, 163, 106396.	3.3	17
6	Enhancement of discharge capacity and energy density by oxygen vacancies in nickel doped SrTiO ₃ as cathode for rechargeable alkaline zinc battery. <i>Electrochimica Acta</i> , 2022, 404, 139705.	5.2	11
7	Superparamagnetic Iron Oxide Decorated Indium Hydroxide Nanocomposite: Synthesis, Characterization and Its Photocatalytic Activity. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2022, 17, 113-126.	1.1	1
8	Highly effective removal of volatile organic pollutants with p-n heterojunction photoreduced graphene oxide-TiO ₂ photocatalyst. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107304.	6.7	16
9	Alginate-enabled green synthesis of S/Ag _{1.93} S nanoparticles, their photothermal property and in-vitro assessment of their anti-skin-cancer effects augmented by a NIR laser. <i>International Journal of Biological Macromolecules</i> , 2022, 201, 516-527.	7.5	2
10	Ashless and non-corrosive disulfide compounds as excellent extreme pressure additives in naphthenic oil. <i>Journal of Molecular Liquids</i> , 2022, 351, 118553.	4.9	8
11	Reactor design of methanol steam reforming by evolutionary computation and hydrogen production maximization by machine learning. <i>International Journal of Energy Research</i> , 2022, 46, 20685-20703.	4.5	4
12	Uniform mesoporous hierarchical nanosized zeolite Y for production of Hydrocarbon-like biofuel under H ₂ -Free deoxygenation. <i>Fuel</i> , 2022, 322, 124208.	6.4	3
13	Effective oxygenated boron groups of boron-doped photoreduced graphene oxide for photocatalytic removal of volatile organic compounds. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108047.	6.7	5
14	Zn-based metal-organic frameworks as sacrificial agents for the synthesis of Zn/ZSM-5 catalysts and their applications in the aromatization of methanol. <i>Catalysis Today</i> , 2021, 375, 70-78.	4.4	18
15	Landfill leachate wastewater treatment to facilitate resource recovery by a coagulation-flocculation process via hydrogen bond. <i>Chemosphere</i> , 2021, 262, 127829.	8.2	50
16	Effect of reaction conditions on the lifetime of SAPO-34 catalysts in methanol to olefins process – A review. <i>Fuel</i> , 2021, 283, 118851.	6.4	59
17	Practical and efficient recyclable oxidative system for the preparation of symmetrical disulfides under aerobic conditions. <i>Journal of Sulfur Chemistry</i> , 2021, 42, 281-294.	2.0	10
18	Catalytic conversion of microalgae oil to green hydrocarbon. , 2021, , 117-143.		0

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19	The improved photocatalytic activity of highly expanded MoS ₂ under visible light emitting diodes. <i>Nanoscale Advances</i> , 2021, 3, 1106-1120.	4.6	28
20	Preparation of calcium alginate-encapsulated sulfur particles and their application in metal nanoparticle capture: A case study of silver nanoparticles. <i>ScienceAsia</i> , 2021, 47S, 42.	0.5	2
21	Synergistic absorbents based on SnFe ₂ O ₄ @ZnO nanoparticles decorated with reduced graphene oxide for highly efficient dye adsorption at room temperature. <i>RSC Advances</i> , 2021, 11, 17840-17848.	3.6	8
22	Highly Visible Light Active Ternary Polyaniline-TiO ₂ -Fe ₃ O ₄ Nanotube/Nanorod for Photodegradation of Reactive Black 5 Dyes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 2168-2181.	3.7	10
23	A review on catalytic hydrodeoxygenation of lignin to transportation fuels by using nickel-based catalysts. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 138, 110667.	16.4	109
24	Optical Management of CQD/AgNP@SiNW Arrays with Highly Efficient Capability of Dye Degradation. <i>Catalysts</i> , 2021, 11, 399.	3.5	9
25	Reaction and hydrogen production phenomena of ethanol steam reforming in a catalytic membrane reactor. <i>Energy</i> , 2021, 220, 119737.	8.8	12
26	Rational design of built-in stannic oxide-copper manganate microrods p-n heterojunction for photoelectrochemical sensing of tetracycline. <i>Chemosphere</i> , 2021, 271, 129788.	8.2	21
27	An Overview of Recent Advances in the Synthesis of Organic Unsymmetrical Disulfides. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100053.	1.6	17
28	Highly Mesoporous g-C ₃ N ₄ with Uniform Pore Size Distribution via the Template-Free Method to Enhanced Solar-Driven Tetracycline Degradation. <i>Nanomaterials</i> , 2021, 11, 2041.	4.1	23
29	Enhanced Conductivity Boosts the Cathodic Performance of Aluminium-Doped SrTiO ₃ in Rechargeable Alkaline Zinc Battery. <i>Journal of the Electrochemical Society</i> , 2021, 168, 080530.	2.9	4
30	A high-capacity of oxygen induced SrTiO ₃ cathode material for rechargeable Alkaline Zinc battery. <i>Materials Science in Semiconductor Processing</i> , 2021, 130, 105802.	4.0	10
31	Preparation of novel nanostructured WO ₃ /CuMnO ₂ p-n heterojunction nanocomposite for photoelectrochemical detection of nitrofurazone. <i>Journal of Colloid and Interface Science</i> , 2021, 596, 108-118.	9.4	32
32	Synthesis of Tetrahydrotriazoloacridine Derivatives Using an Efficient and Reusable Poly-Organocatalyst. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 304-312.	2.6	0
33	Catalytic deoxygenation of triolein to green fuel over mesoporous TiO ₂ aided by in situ hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 11605-11614.	7.1	22
34	Ethylene production from ethanol dehydration over mesoporous SBA-15 catalyst derived from palm oil clinker waste. <i>Journal of Cleaner Production</i> , 2020, 249, 119323.	9.3	30
35	Hybrid Graphene Titanium Nanocomposites and Their Applications in Energy Storage Devices: a Review. <i>Journal of Electronic Materials</i> , 2020, 49, 1777-1786.	2.2	13
36	Conversion of Microalgae Biomass to Biofuels. , 2020, , 149-161.		12

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37	Ni, Zn and Fe hydrotalcite-like catalysts for catalytic biomass compound into green biofuel. Pure and Applied Chemistry, 2020, 92, 587-600.	1.9	8
38	Effect of graphene oxide particle size on the tensile strength and stability of natural rubber graphene composite. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 262, 114762.	3.5	15
39	Morphology-Controlled Synthesis of Fe ₂ O ₃ Nanocrystals Impregnated on g-C ₃ N ₄ -SO ₃ H with Ultrafast Charge Separation for Photoreduction of Cr (VI) Under Visible Light. Environmental Pollution, 2020, 267, 115491.	7.5	39
40	Deposition of NiO Nanoparticles on Nanosized Zeolite NaY for Production of Biofuel via Hydrogen-Free Deoxygenation. Materials, 2020, 13, 3104.	2.9	13
41	Unveiling the enhanced photoelectrochemical and photocatalytic properties of reduced graphene oxide for photodegradation of methylene blue dye. RSC Advances, 2020, 10, 37905-37915.	3.6	34
42	Sustainable landfill leachate treatment: Optimize use of guar gum as natural coagulant and floc characterization. Environmental Research, 2020, 188, 109737.	7.5	36
43	Galvanic Replacement-Enabled Synthesis of In(OH) ₃ /Ag/C Nanocomposite as an Effective Photocatalyst for Ultraviolet C Degradation of Methylene Blue. ACS Omega, 2020, 5, 13719-13728.	3.5	4
44	Evaluation of the physico-mechanical properties of activated-carbon enhanced recycled polyethylene/polypropylene 3D printing filament. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	1.3	10
45	Nano-photocatalyst in photocatalytic oxidation processes. , 2020, , 151-165.		4
46	Deoxygenation of triolein to green diesel in the H ₂ -free condition: Effect of transition metal oxide supported on zeolite Y. Journal of Analytical and Applied Pyrolysis, 2020, 147, 104797.	5.5	47
47	Conventional and emerging technologies for removal of antibiotics from wastewater. Journal of Hazardous Materials, 2020, 400, 122961.	12.4	358
48	Recent Catalytic Advances in the Synthesis of Organic Symmetric Disulfides. Current Organic Chemistry, 2020, 24, 550-581.	1.6	14
49	Synthesis, X-ray diffraction studies, thermal behavior and catalytic investigation of Cu(II) complexes for levulinic acid-based polyol esters. Journal of Molecular Structure, 2019, 1175, 566-576.	3.6	3
50	An investigation on surface modified TiO ₂ incorporated with graphene oxide for dye-sensitized solar cell. Solar Energy, 2019, 191, 663-671.	6.1	16
51	The role of nanosized zeolite Y in the H ₂ -free catalytic deoxygenation of triolein. Catalysis Science and Technology, 2019, 9, 772-782.	4.1	37
52	Production of green biofuel by using a goat manure supported Ni-Al hydrotalcite catalysed deoxygenation process. RSC Advances, 2019, 9, 1642-1652.	3.6	5
53	Enhanced tensile strength and thermal conductivity of natural rubber graphene composite properties via rubber-graphene interaction. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 246, 112-119.	3.5	46
54	Overview on catalytic deoxygenation for biofuel synthesis using metal oxide supported catalysts. Renewable and Sustainable Energy Reviews, 2019, 112, 834-852.	16.4	75

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55	Efficient deoxygenation of triglycerides to hydrocarbon-biofuel over mesoporous Al ₂ O ₃ -TiO ₂ catalyst. <i>Fuel Processing Technology</i> , 2019, 194, 106120.	7.2	36
56	Palladium-Catalysed Cross-Coupling Reactions for the Synthesis of Chalcones. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1174-1193.	2.7	10
57	Mesoporous and other types of catalysts for conversion of non-edible oil to biogasoline via deoxygenation. , 2019, , 257-281.		4
58	Facile one-pot solvothermal method to synthesize solar active Bi ₂ WO ₆ for photocatalytic degradation of organic dye. <i>Journal of Alloys and Compounds</i> , 2019, 801, 502-510.	5.5	67
59	Effective photoreduction of graphene oxide for photodegradation of volatile organic compounds. <i>RSC Advances</i> , 2019, 9, 18076-18086.	3.6	49
60	A review of synthesis and morphology of SrTiO ₃ for energy and other applications. <i>International Journal of Energy Research</i> , 2019, 43, 5151-5174.	4.5	91
61	High performance supercapattery with rGO/TiO ₂ nanocomposites anode and activated carbon cathode. <i>Journal of Alloys and Compounds</i> , 2019, 796, 13-24.	5.5	38
62	Gallium-Immobilized Carbon Nanotubes as Solid Templates for the Synthesis of Hierarchical Ga/ZSM-5 in Methanol Aromatization. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 7948-7956.	3.7	24
63	A review on the advanced leachate treatment technologies and their performance comparison: an opportunity to keep the environment safe. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 227.	2.7	34
64	Extraction of agar from <i>Eucheuma cottonii</i> and <i>Gelidium amansii</i> seaweeds with sonication pretreatment using autoclaving method. <i>Journal of Oceanology and Limnology</i> , 2019, 37, 871-880.	1.3	15
65	Electrodeposited Co-Mn oxide composite electrodes for rechargeable Zn-air battery. <i>Ionics</i> , 2019, 25, 1689-1698.	2.4	4
66	Recent developments of strontium titanate for photocatalytic water splitting application. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 14316-14340.	7.1	89
67	1,1'-Butylenebis(3-sulfo-3H-imidazol-1-ium) hydrogensulfate: a versatile task-specific ionic liquid catalyst for the synthesis of 4H-pyran scaffolds through non-conventional process. <i>Monatshefte für Chemie</i> , 2019, 150, 655-662.	1.8	6
68	Removal of methylene blue dye by solvothermally reduced graphene oxide: a metal-free adsorption and photodegradation method. <i>RSC Advances</i> , 2019, 9, 37686-37695.	3.6	66
69	Production of bio-hydrogen from dairy wastewater using pretreated landfill leachate sludge as an inoculum. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 150-159.	2.2	31
70	Catalytic hydrodeoxygenation of dibenzofuran to fuel graded molecule over mesoporous supported bimetallic catalysts. <i>Fuel</i> , 2019, 236, 236-243.	6.4	17
71	An eco-friendly water-soluble graphene-incorporated agar gel electrolyte for magnesium-air batteries. <i>Ionics</i> , 2019, 25, 1291-1301.	2.4	34
72	Mechanosynthesis of. <i>Australian Journal of Chemistry</i> , 2019, 72, 194-199.	0.9	13

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73	Low-temperature synthesis of TiO ₂ nanocrystals for high performance electrochemical supercapacitors. <i>Ceramics International</i> , 2019, 45, 4990-5000.	4.8	47
74	4-Imidazol-1-yl-butane-1-sulfonic acid or a novel liquid salt? The NMR analysis and dual solvent-catalytic efficiency for one-pot synthesis of xanthenes. <i>Journal of Molecular Liquids</i> , 2019, 278, 19-32.	4.9	6
75	Identification of novel chemical structures of sulfo-imidazolium zwitterionic-type salt basis on 2D NMR analysis. <i>Journal of Molecular Structure</i> , 2019, 1180, 280-284.	3.6	5
76	4-Imidazol-1-yl-butane-1-sulfonic acid ionic liquid: Synthesis, structural analysis, physical properties and catalytic application as dual solvent-catalyst. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 866-878.	1.6	7
77	Saccharin: a cheap and mild acidic agent for the synthesis of azo dyes via telescoped dediazotization. <i>Green Processing and Synthesis</i> , 2019, 8, 24-29.	3.4	4
78	One-step Solvothermal Synthesis of rGO/TiO ₂ Nanocomposite for Efficient Solar Photocatalytic Degradation of Methylene Blue Dye. <i>Current Nanoscience</i> , 2019, 15, 157-162.	1.2	16
79	Saccharin: an efficient organocatalyst for the one-pot synthesis of 4-amidocinnolines under metal and halogen-free conditions. <i>Monatshefte für Chemie</i> , 2018, 149, 1083-1087.	1.8	8
80	Effects of various hydrogenated temperatures on photocatalytic activity of mesoporous titanium dioxide. <i>Micro and Nano Letters</i> , 2018, 13, 77-82.	1.3	5
81	Waste to energy: the effects of <i>Pseudomonas</i> sp. on <i>Chlorella sorokiniana</i> biomass and lipid productions in palm oil mill effluent. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 2037-2045.	4.1	39
82	One-pot hydrothermal synthesis of strontium titanate nanoparticles photoelectrode using electrophoretic deposition for enhancing photoelectrochemical water splitting. <i>Ceramics International</i> , 2018, 44, 9923-9933.	4.8	27
83	Environmental Control of Vanadium Haloperoxidases and Halocarbon Emissions in Macroalgae. <i>Marine Biotechnology</i> , 2018, 20, 282-303.	2.4	21
84	Conversion of glucose into lactic acid using silica-supported zinc oxide as solid acid catalyst. <i>Pure and Applied Chemistry</i> , 2018, 90, 1035-1043.	1.9	8
85	Development of catalyst complexes for upgrading biomass into ester-based biolubricants for automotive applications: a review. <i>RSC Advances</i> , 2018, 8, 5559-5577.	3.6	27
86	Evaluating new bio-hydrogen producers: <i>Clostridium perfringens</i> strain JJC, <i>Clostridium bifermentans</i> strain WYM and <i>Clostridium</i> sp. strain Ade.TY. <i>Journal of Bioscience and Bioengineering</i> , 2018, 125, 590-598.	2.2	30
87	Separation of <i>Chlorella</i> biomass from culture medium by flocculation with rice starch. <i>Algal Research</i> , 2018, 30, 162-172.	4.6	16
88	Promoting deoxygenation of triglycerides via Co-Ca loaded SiO ₂ -Al ₂ O ₃ catalyst. <i>Applied Catalysis A: General</i> , 2018, 552, 38-48.	4.3	42
89	The relationship between iron and Ilmenite for photocatalyst degradation. <i>Advanced Powder Technology</i> , 2018, 29, 1779-1786.	4.1	9
90	Modified mesoporous HMS supported Ni for deoxygenation of triolein into hydrocarbon-biofuel production. <i>Energy Conversion and Management</i> , 2018, 165, 495-508.	9.2	73

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91	Two novel binuclear sulfonic-functionalized ionic liquids: Influence of anion and carbon-spacer on catalytic efficiency for one-pot synthesis of bis(indolyl)methanes. <i>Journal of Molecular Liquids</i> , 2018, 259, 260-273.	4.9	28
92	Enhancing biomass and lipid productions of microalgae in palm oil mill effluent using carbon and nutrient supplementation. <i>Energy Conversion and Management</i> , 2018, 164, 188-197.	9.2	82
93	Mild cell disruption methods for bio-functional proteins recovery from microalgae—Recent developments and future perspectives. <i>Algal Research</i> , 2018, 31, 506-516.	4.6	87
94	An overview on the development of conventional and alternative extractive methods for the purification of agarose from seaweed. <i>Separation Science and Technology</i> , 2018, 53, 467-480.	2.5	18
95	Electrical, dielectric and electrochemical characterization of novel poly(acrylic acid)-based polymer electrolytes complexed with lithium tetrafluoroborate. <i>Chemical Physics Letters</i> , 2018, 692, 19-27.	2.6	25
96	An investigation of the dye-sensitized solar cell performance using graphene-titania (TrGO) photoanode with conventional dye and natural green chlorophyll dye. <i>Materials Science in Semiconductor Processing</i> , 2018, 74, 267-276.	4.0	40
97	Starch-based flocculant outperformed aluminium sulfate hydrate and polyaluminium chloride through effective bridging for harvesting acicular microalga <i>Ankistrodesmus</i> . <i>Algal Research</i> , 2018, 29, 343-353.	4.6	18
98	Stability of custom-designed photoreactor for photocatalytic oxidation of Reactive Black 5 dye using zinc oxide. <i>Corrosion Engineering Science and Technology</i> , 2018, 53, 462-467.	1.4	3
99	Saccharin and tert-Butyl Nitrite: Cheap and Efficient Reagents for the Synthesis of 1,2,3-Benzotriazine-4-(3H)-ones from 2-Aminobenzamides under Metal-Free Conditions. <i>Australian Journal of Chemistry</i> , 2018, 71, 186.	0.9	9
100	Synthesis of 2D boron nitride doped polyaniline hybrid nanocomposites for photocatalytic degradation of carcinogenic dyes from aqueous solution. <i>Arabian Journal of Chemistry</i> , 2018, 11, 1000-1016.	4.9	82
101	Enhance of TiO ₂ dopants incorporated reduced graphene oxide via RF magnetron sputtering for efficient dye-sensitised solar cells. <i>Rare Metals</i> , 2018, 37, 919-928.	7.1	12
102	Sonication and grinding pre-treatments on <i>Gelidium amansii</i> seaweed for the extraction and characterization of Agarose. <i>Frontiers of Environmental Science and Engineering</i> , 2018, 12, 1.	6.0	23
103	An Efficient Synthesis of Pyrrolidinone Derivatives in the Presence of 1,1â€²-Butylenebis(3-sulfo-3H-imidazol-1-ium) Chloride. <i>Australian Journal of Chemistry</i> , 2018, 71, 566.	0.9	8
104	Microalgae cultivation in palm oil mill effluent (POME) for lipid production and pollutants removal. <i>Energy Conversion and Management</i> , 2018, 174, 430-438.	9.2	73
105	An application of ultrasound technology in synthesis of titania-based photocatalyst for degrading pollutant. <i>Chemical Engineering Journal</i> , 2017, 317, 586-612.	12.7	90
106	Microalgae biorefinery: High value products perspectives. <i>Bioresource Technology</i> , 2017, 229, 53-62.	9.6	947
107	The contribution of leaching to nutrient release from leaf litter of two emergent tree species in a Malaysian tropical peat swamp forest. <i>Hydrobiologia</i> , 2017, 794, 125-137.	2.0	10
108	Stability of tungsten oxide nanotubes film for improving photocatalytic oxidation reaction. <i>Corrosion Engineering Science and Technology</i> , 2017, 52, 405-410.	1.4	1

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109	Highly Active Ruthenium Supported on Magnetically Recyclable Chitosan-Based Nanocatalyst for Nitroarenes Reduction. <i>ChemCatChem</i> , 2017, 9, 3930-3941.	3.7	31
110	Effect of adding brewery wastewater to pulp and paper mill effluent to enhance the photofermentation process: wastewater characteristics, biohydrogen production, overall performance, and kinetic modeling. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10354-10363.	5.3	29
111	Ilmenite: Properties and photodegradation kinetic on Reactive Black 5 dye. <i>Chinese Chemical Letters</i> , 2017, 28, 1613-1618.	9.0	10
112	Cobalt oxide nanocubes interleaved reduced graphene oxide as an efficient electrocatalyst for oxygen reduction reaction in alkaline medium. <i>Electrochimica Acta</i> , 2017, 237, 61-68.	5.2	56
113	Catalytic deoxygenation of triglycerides to green diesel over modified CaO-based catalysts. <i>RSC Advances</i> , 2017, 7, 46445-46460.	3.6	45
114	Polymeric Nanocomposites for Visible-Light-Induced Photocatalysis. <i>Springer Series on Polymer and Composite Materials</i> , 2017, , 175-201.	0.7	2
115	Facile preparation of nanocrystalline TiO ₂ thin films using electrophoretic deposition for enhancing photoelectrochemical water splitting response. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 16244-16253.	2.2	8
116	Recent progress in catalytic conversion of microalgae oil to green hydrocarbon: A review. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 79, 116-124.	5.3	31
117	Red Seaweed Pulp as a Separator in Rechargeable Al-anode Battery. <i>Polymers and Polymer Composites</i> , 2017, 25, 521-526.	1.9	5
118	Reduced Graphene Oxide - Titania Nanocomposite Film for Improving Dye-Sensitized Solar Cell (DSSCs) Performance. <i>Current Nanoscience</i> , 2017, 13, .	1.2	12
119	Environment-Friendly Heterogeneous Alkaline-Based Mixed Metal Oxide Catalysts for Biodiesel Production. <i>Energies</i> , 2016, 9, 611.	3.1	45
120	SrTiO ₃ Nanocube-Doped Polyaniline Nanocomposites with Enhanced Photocatalytic Degradation of Methylene Blue under Visible Light. <i>Polymers</i> , 2016, 8, 27.	4.5	148
121	Synthesis of reduced graphene oxide/tungsten trioxide nanocomposite electrode for high electrochemical performance. <i>Ceramics International</i> , 2016, 42, 13128-13135.	4.8	28
122	Synergetic effects in novel hydrogenated F-doped TiO ₂ photocatalysts. <i>Applied Surface Science</i> , 2016, 370, 380-393.	6.1	108
123	Biorefineries of carbon dioxide: From carbon capture and storage (CCS) to bioenergies production. <i>Bioresource Technology</i> , 2016, 215, 346-356.	9.6	162
124	Waste clamshell-derived CaO supported Co and W catalysts for renewable fuels production via cracking-deoxygenation of triolein. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 120, 110-120.	5.5	61
125	Organotemplate-free hydrothermal synthesis of NaKX-2 aluminophosphate basic catalyst. <i>Materials Letters</i> , 2016, 182, 344-346.	2.6	5
126	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

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127	Efficient enzyme-catalysed transesterification of microalgal biomass from <i>Chlamydomonas</i> sp.. Energy, 2016, 116, 1370-1373.	8.8	7
128	Recent advances of titanium dioxide (TiO ₂) for green organic synthesis. RSC Advances, 2016, 6, 108741-108754.	3.6	137
129	Metallic and semiconducting carbon nanotubes separation using an aqueous two-phase separation technique: a review. Nanotechnology, 2016, 27, 332002.	2.6	24
130	Cultivation in wastewaters for energy: A microalgae platform. Applied Energy, 2016, 179, 609-625.	10.1	156
131	Production of new cellulose nanomaterial from red algae marine biomass <i>Gelidium elegans</i> . Carbohydrate Polymers, 2016, 151, 1210-1219.	10.2	295
132	Characterization of partitioning behaviors of immunoglobulin G in polymer-salt aqueous two-phase systems. Journal of Bioscience and Bioengineering, 2016, 122, 613-619.	2.2	8
133	Enzymatic transesterification for biodiesel production: a comprehensive review. RSC Advances, 2016, 6, 60034-60055.	3.6	131
134	A review of polymer electrolytes: fundamental, approaches and applications. Ionics, 2016, 22, 1259-1279.	2.4	488
135	Reusing pulp and paper mill effluent as a bioresource to produce biohydrogen through ultrasonicated <i>Rhodobacter sphaeroides</i> . Energy Conversion and Management, 2016, 113, 273-280.	9.2	47
136	Effective role of trifluoroacetic acid (TFA) to enhance the photocatalytic activity of F-doped TiO ₂ prepared by modified sol-gel method. Applied Surface Science, 2016, 365, 57-68.	6.1	65
137	Pyrolytic deoxygenation of triglyceride via natural waste shell derived Ca(OH) ₂ nanocatalyst. Journal of Analytical and Applied Pyrolysis, 2016, 117, 46-55.	5.5	31
138	Production of β -cyclodextrin by <i>Bacillus cereus</i> cyclodextrin glycosyltransferase using extractive bioconversion in polymer-salt aqueous two-phase system. Journal of Bioscience and Bioengineering, 2016, 121, 692-696.	2.2	16
139	Recent developments of zinc oxide based photocatalyst in water treatment technology: A review. Water Research, 2016, 88, 428-448.	11.3	1,760
140	Electrochemical Sensor Based on Single-Walled Carbon Nanotube/ZnO Photocatalyst Nanocomposite Modified Electrode for the Determination of Paracetamol. Science of Advanced Materials, 2016, 8, 788-796.	0.7	16
141	Advancement in heterogeneous base catalyzed technology: An efficient production of biodiesel fuels. Journal of Renewable and Sustainable Energy, 2015, 7, .	2.0	40
142	Electrocatalytic Study of Paracetamol at a Single-Walled Carbon Nanotube/Nickel Nanocomposite Modified Glassy Carbon Electrode. Advances in Materials Science and Engineering, 2015, 2015, 1-8.	1.8	10
143	Preparation and characterization of HypoGel-supported Pd nanocatalysts for Suzuki reaction under mild conditions. Chinese Journal of Catalysis, 2015, 36, 771-777.	14.0	14
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