

Wong Syie Luing

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

1,799
citations

22
h-index

42
g-index

68
ext. papers

2,349
ext. citations

4.7
avg, IF

5.45
L-index

#	Paper	IF	Citations
59	Synthesis of Magnetic Eggshell Modified with Polyethyleneimine for Aspirin Removal. <i>International Journal of Recent Technology and Engineering</i> , 2022 , 10, 113-116	1.6	
58	Facile synthesis of polyethylenimine-modified sugarcane bagasse adsorbent for removal of anionic dye in aqueous solution. <i>Scientific African</i> , 2022 , 16, e01135	1.7	1
57	Comparison of extraction methods of phytochemical compounds from white flower variety of <i>Melastoma malabathricum</i> . <i>South African Journal of Botany</i> , 2022 , 148, 170-179	2.9	0
56	Waste-to-BioEnergy pathway for waste activated sludge from food processing industries: An experiment on the valorization potential under CO ₂ and N ₂ atmospheres through microwave-induced pyrolysis. <i>Fuel</i> , 2022 , 323, 124380	7.1	0
55	Edible Bird's Nest: The Functional Values of the Prized Animal-Based Bioproduct From Southeast Asia-A Review. <i>Frontiers in Pharmacology</i> , 2021 , 12, 626233	5.6	4
54	Uncovering the dynamics in global carbon dioxide utilization research: a bibliometric analysis (1995-2019). <i>Environmental Science and Pollution Research</i> , 2021 , 28, 13842-13860	5.1	9
53	Surface functionalization of cellulose with polyethyleneimine and magnetic nanoparticles for efficient removal of anionic dye in wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 104639	6.8	19
52	Efficient adsorptive removal of methylene blue from synthetic dye wastewater by green alginate modified with pandan. <i>Materials Today: Proceedings</i> , 2021 , 39, 979-982	1.4	6
51	Production and characterization of diesel-like fuel by catalytic upgrading of scrap tire pyrolysis oil using basic catalyst derived from blood cockle shell (<i>Anadara Granosa</i>). <i>Materials Today: Proceedings</i> , 2021 , 47, 1317-1322	1.4	
50	Pineapple leaves based activated carbon for efficient removal of reactive black 5 in aqueous. <i>Materials Today: Proceedings</i> , 2021 , 47, 1241-1245	1.4	1
49	Aspirin Adsorption onto Activated Carbon Derived from Spent Tea Leaves: Statistical Optimization and Regeneration Study. <i>International Journal of Environmental Research</i> , 2021 , 15, 413-426	2.9	2
48	UPLC-orbitrap-MS/MS based characterization of phytochemical compounds from Malaysia purple corn (<i>Zea mays</i>). <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 32, 101922	4.2	1
47	Systematic study on the relationship between particulate matter and microbial counts in hospital operating rooms. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	4
46	Bibliometric analysis of the research landscape on rice husks gasification (1995-2019). <i>Environmental Science and Pollution Research</i> , 2021 , 28, 49467-49490	5.1	2
45	Plastic waste recycling via pyrolysis: A bibliometric survey and literature review. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021 , 158, 105265	6	19
44	Integrated ultrasound-mechanical stirrer technique for extraction of total alkaloid content from <i>Annona muricata</i> . <i>Process Biochemistry</i> , 2021 , 109, 104-116	4.8	4
43	Physiochemical, Mineralogical, Thermal and Kinetic Characterisation of Selected Coals from the Benue Trough and Anambra Basin, Nigeria. <i>Coke and Chemistry</i> , 2021 , 64, 496-507	0.5	0

42	Review of the fuel properties, characterisation techniques, and pre-treatment technologies for oil palm empty fruit bunches. <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2.3	4
41	Microplastics and nanoplastics in global food webs: A bibliometric analysis (2009-2019). <i>Marine Pollution Bulletin</i> , 2020 , 158, 111432	6.7	23
40	Effective removal of anionic textile dyes using adsorbent synthesized from coffee waste. <i>Scientific Reports</i> , 2020 , 10, 2928	4.9	96
39	Emerging trends in municipal solid waste incineration ashes research: a bibliometric analysis from 1994 to 2018. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 7757-7784	5.1	19
38	Exploration of reaction mechanisms on the plastic waste polyethylene terephthalate (PET) dissolved in phenol steam reforming reaction to produce hydrogen and valuable liquid fuels. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020 , 150, 104860	6	3
37	Characterization of Polar and Non-Polar Compounds of House Edible Bird's Nest (EBN) from Johor, Malaysia. <i>Chemistry and Biodiversity</i> , 2020 , 17, e1900419	2.5	8
36	Conversion of polyethylene terephthalate plastic waste and phenol steam reforming to hydrogen and valuable liquid fuel: Synthesis effect of Ni ₁₀ /ZrO ₂ nanostructured catalysts. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 6302-6317	6.7	16
35	Carbon dioxide torrefaction of oil palm empty fruit bunches pellets: characterisation and optimisation by response surface methodology. <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2.3	5
34	Ni ₁₀ /Al nano-sized catalyst supported on TNPs for hydrogen and valuable fuel production from the steam reforming of plastic waste dissolved in phenol. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 22817-22832	6.7	8
33	Kinetics, thermodynamics, isotherm and regeneration analysis of chitosan modified pandan adsorbent. <i>Journal of Cleaner Production</i> , 2019 , 231, 98-109	10.3	44
32	Non-oxidative thermal decomposition of oil palm empty fruit bunch pellets: fuel characterisation, thermogravimetric, kinetic, and thermodynamic analyses. <i>Biomass Conversion and Biorefinery</i> , 2019 , 11, 1273	2.3	9
31	Adsorption of anionic dyes on spent tea leaves modified with polyethyleneimine (PEI-STL). <i>Journal of Cleaner Production</i> , 2019 , 206, 394-406	10.3	123
30	Transesterification of used cooking oil (UCO) catalyzed by mesoporous calcium titanate: Kinetic and thermodynamic studies. <i>Energy Conversion and Management</i> , 2018 , 164, 210-218	10.6	28
29	Recent advances in applications of activated carbon from biowaste for wastewater treatment: A short review. <i>Journal of Cleaner Production</i> , 2018 , 175, 361-375	10.3	282
28	Removal of acetaminophen by activated carbon synthesized from spent tea leaves: equilibrium, kinetics and thermodynamics studies. <i>Powder Technology</i> , 2018 , 338, 878-886	5.2	67
27	Synthesis of activated carbon from spent tea leaves for aspirin removal. <i>Chinese Journal of Chemical Engineering</i> , 2018 , 26, 1003-1011	3.2	36
26	From pollutant to solution of wastewater pollution: Synthesis of activated carbon from textile sludge for dye adsorption. <i>Chinese Journal of Chemical Engineering</i> , 2018 , 26, 870-878	3.2	77
25	Synthesis, characterization and performance of silica impregnated calcium oxide as heterogeneous catalyst in biodiesel production. <i>Journal of Cleaner Production</i> , 2017 , 146, 116-124	10.3	70

24	Synthesis, characterization and application of textile sludge biochars for oil removal. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 1415-1422	6.8	33
23	Parametric study on the steam reforming of phenol-PET solution to hydrogen production over Ni promoted on Al ₂ O ₃ -La ₂ O ₃ catalyst. <i>Energy Conversion and Management</i> , 2017 , 142, 127-142	10.6	37
22	Conversion of low density polyethylene (LDPE) over ZSM-5 zeolite to liquid fuel. <i>Fuel</i> , 2017 , 192, 71-82	7.1	31
21	Prediction of biodiesel yield during transesterification process using response surface methodology. <i>Fuel</i> , 2017 , 190, 104-112	7.1	42
20	Pyrolysis of low density polyethylene waste in subcritical water optimized by response surface methodology. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 245-54	2.6	10
19	Cellulose-g-PAM Derived from Kenaf for Ethyl Orange Removal. <i>Applied Mechanics and Materials</i> , 2016 , 818, 246-249	0.3	1
18	Enhanced mechanical and thermal properties of hybrid graphene nanoplatelets/multiwall carbon nanotubes reinforced polyethylene terephthalate nanocomposites. <i>Fibers and Polymers</i> , 2016 , 17, 1657-1666	2.6	23
17	Characterization and parametric study of mesoporous calcium titanate catalyst for transesterification of waste cooking oil into biodiesel. <i>Energy Conversion and Management</i> , 2016 , 129, 275-283	10.6	58
16	Catalytic Cracking of LDPE Dissolved in Benzene Using Nickel-Impregnated Zeolites. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 2543-2555	3.9	44
15	Fuel Characterization and Thermogravimetric Analysis of Melon (<i>Citrullus colocynthis</i> L.) Seed Husk. <i>Chemistry and Chemical Technology</i> , 2016 , 10, 493-497	0.9	4
14	Adsorptive Removal of Chromium (VI) Ions Using Cryogel Derived from Oil Palm Fronds Lignin. <i>Applied Mechanics and Materials</i> , 2016 , 818, 242-245	0.3	1
13	Preparation of activated carbon from empty fruit bunch for hydrogen storage. <i>Journal of Energy Storage</i> , 2016 , 8, 257-261	7.8	42
12	Parametric study on catalytic cracking of LDPE to liquid fuel over ZSM-5 zeolite. <i>Energy Conversion and Management</i> , 2016 , 122, 428-438	10.6	23
11	Recent advances of feed-in tariff in Malaysia. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 41, 42-52	16.2	56
10	Current state and future prospects of plastic waste as source of fuel: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 50, 1167-1180	16.2	327
9	Influence of exfoliated graphite nanoplatelets on the flammability and thermal properties of polyethylene terephthalate/polypropylene nanocomposites. <i>Polymer Degradation and Stability</i> , 2014 , 110, 137-148	4.7	46
8	Extraction of 2-Acetyl-1-Pyrroline (2AP) in Pandan Leaves (<i>Pandanus Amaryllifolius</i> Roxb.) Via Solvent Extraction Method: Effect of Solvent. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014 , 67,	1.2	1
7	Study on Dissolution of Low Density Polyethylene (LDPE). <i>Applied Mechanics and Materials</i> , 2014 , 695, 170-173	0.3	12

6	Upcycling of plastic waste to carbon nanomaterials: a bibliometric analysis (2000–2019). <i>Clean Technologies and Environmental Policy</i> ,1	4-3	1
5	Application of computational approach in plastic pyrolysis kinetic modelling: a review. <i>Reaction Kinetics, Mechanisms and Catalysis</i> ,	1-6	3
4	Comprehensive Characterisation of the Morphological, Thermal and Kinetic Degradation Properties of <i>Gluconacetobacter xylinus</i> synthesised Bacterial Nanocellulose. <i>Journal of Natural Fibers</i> ,1-14	1-8	2
3	Assessing the effectiveness of magnetic nanoparticles coagulation/flocculation in water treatment: a systematic literature review. <i>International Journal of Environmental Science and Technology</i> ,1	3-3	4
2	Torrefaction of oil palm empty fruit bunch pellets: product yield, distribution and fuel characterisation for enhanced energy recovery. <i>Biomass Conversion and Biorefinery</i> ,1	2-3	4
1	Extraction and Characterisation of Natural Fibres from <i>Imperata cylindrica</i> : Morphological, Microstructural, Thermal, and Kinetic Properties. <i>Journal of Natural Fibers</i> ,1-14	1-8	