

Viboon Sricharoenchaikul

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.

65
papers

1,185
citations

18
h-index

33
g-index

71
ext. papers

1,382
ext. citations

4.3
avg, IF

5.18
L-index

#	Paper	IF	Citations
65	Bio-fuel production from catalytic fast pyrolysis of Jatropha wastes using pyroprobe GC/MS and drop tube pyrolyzer. <i>Journal of Analytical and Applied Pyrolysis</i> , 2022 , 165, 105574	6	0
64	Selective aromatic production from fast pyrolysis of sugarcane bagasse lignin over ZSM-5 catalyst. <i>Energy Reports</i> , 2021 , 7, 830-843	4.6	1
63	Sustainable fuel production from steam reforming of waste motor oil over olivine-supported Fe catalyst. <i>Energy Reports</i> , 2021 , 7, 579-590	4.6	0
62	Aromatic and aliphatic production of catalytic pyrolysis of lignin using ZSM-5/Al-SBA-15 catalyst derived from high-calcium fly ash. <i>Energy Reports</i> , 2021 , 7, 232-247	4.6	1
61	Catalytic performance of Co, Fe on MCM-41 synthesized from illite waste for gasification of torrefied cassava rhizome. <i>Energy Reports</i> , 2021 , 7, 149-162	4.6	2
60	Mitigating bed agglomeration in a fluidized bed gasifier operating on rice straw. <i>Energy Reports</i> , 2020 , 6, 275-285	4.6	3
59	Gasification of torrefied cassava rhizome with Ni/MCM-41 catalyst derived from illite waste. <i>Energy Reports</i> , 2020 , 6, 537-547	4.6	3
58	Phenol-derived products from fast pyrolysis of organosolv lignin. <i>Energy Reports</i> , 2020 , 6, 151-167	4.6	9
57	Hydrocarbon Production from Catalytic Pyrolysis-GC/MS of Sacha Inchi Residues Using SBA-15 Derived from Coal Fly Ash. <i>Catalysts</i> , 2020 , 10, 1031	4	5
56	Adsorption isotherms and kinetics for the removal of cationic dye by Cellulose-based adsorbent biocomposite films. <i>Korean Journal of Chemical Engineering</i> , 2020 , 37, 1999-2010	2.8	4
55	Activity of Fly Ash-Derived ZSM-5 and Zeolite X on Fast Pyrolysis of Millettia (Pongamia) Pinnata Waste. <i>Waste and Biomass Valorization</i> , 2020 , 11, 715-724	3.2	4
54	Adsorption removal of methylene blue onto activated carbon/cellulose biocomposite films: Equilibrium and kinetic studies. <i>Materials Chemistry and Physics</i> , 2020 , 240, 122221	4.4	108
53	Selective aromatic formation from catalytic fast pyrolysis of Jatropha residues using ZSM-5 prepared by microwave-assisted synthesis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019 , 141, 104628 ⁶	6	14
52	Thermo-kinetics and product analysis of the catalytic pyrolysis of Pongamia residual cake. <i>Journal of Environmental Management</i> , 2019 , 242, 238-245	7.9	10
51	Pyrolysis of Millettia (Pongamia) pinnata waste for bio-oil production using a fly ash derived ZSM-5 catalyst. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019 , 139, 239-249	6	13
50	In situ catalytic pyrolysis of Jatropha wastes using ZSM-5 from hydrothermal alkaline fusion of fly ash. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019 , 139, 156-166	6	22
49	Gasification of Furniture Waste Sawdust in a Cyclone Gasifier. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 146, 012041	0.3	0

48	Catalytic fast pyrolysis of Millettia (Pongamia) pinnata waste using zeolite Y. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017 , 124, 696-703	6	14
47	Industrial waste derived CaO-based catalysts for upgrading volatiles during pyrolysis of Jatropha residues. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017 , 124, 568-575	6	32
46	Selective catalytic fast pyrolysis of Jatropha curcas residue with metal oxide impregnated activated carbon for upgrading bio-oil. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 18397-18409	6.7	12
45	The effect of alkali on the product distribution from black liquor conversion under supercritical water. <i>Environmental Technology (United Kingdom)</i> , 2017 , 38, 1742-1750	2.6	14
44	Utilization of fly ash-derived HZSM-5: catalytic pyrolysis of Jatropha wastes in a fixed-bed reactor. <i>Environmental Technology (United Kingdom)</i> , 2017 , 38, 1660-1672	2.6	9
43	Effect of metal oxide/alumina on catalytic deoxygenation of biofuel from physic nut residues pyrolysis. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 19629-19640	6.7	4
42	Effect of CV-ZSM-5, Ni-ZSM-5 and FA-ZSM-5 catalysts for selective aromatic formation from pyrolytic vapors of rubber wastes. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017 , 124, 733-741	6	29
41	Performance of Ni/dolomite pellet catalyst on gas distribution from cassava rhizome gasification with a modular fixed-bed gasifier. <i>Environmental Technology (United Kingdom)</i> , 2017 , 38, 1176-1183	2.6	4
40	Fuel Gas Generation from Gasification of Sacha Inchi Shell using a Drop Tube Reactor. <i>Energy Procedia</i> , 2017 , 138, 870-876	2.3	
39	Advanced reforming of agro-waste by modular gasifier for fuel generation. <i>Chemical Engineering Journal</i> , 2015 , 282, 170-178	14.7	9
38	Conversion of cassava rhizome using an in-situ catalytic drop tube reactor for fuel gas generation. <i>Renewable Energy</i> , 2015 , 79, 38-44	8.1	5
37	Production of aromatic compounds from catalytic fast pyrolysis of Jatropha residues using metal/HZSM-5 prepared by ion-exchange and impregnation methods. <i>Renewable Energy</i> , 2015 , 79, 28-37	8.1	127
36	Fuel gas production from peanut shell waste using a modular downdraft gasifier with the thermal integrated unit. <i>Renewable Energy</i> , 2015 , 79, 45-50	8.1	29
35	Effect of Pd, Ru, Ni and ceramic supports on selective deoxygenation and hydrogenation of fast pyrolysis Jatropha residue vapors. <i>Renewable Energy</i> , 2014 , 65, 92-101	8.1	32
34	Characteristic of fly ash derived-zeolite and its catalytic performance for fast pyrolysis of Jatropha waste. <i>Environmental Technology (United Kingdom)</i> , 2014 , 35, 2254-61	2.6	28
33	Effect of synthesis time on physical properties and catalytic activities of synthesized HZSM-5 on the fast pyrolysis of Jatropha waste. <i>Research on Chemical Intermediates</i> , 2014 , 40, 2395-2406	2.8	10
32	Catalytic upgrading of pyrolysis vapors from Jatropha wastes using alumina, zirconia and titania based catalysts. <i>Bioresource Technology</i> , 2014 , 163, 262-9	11	46
31	Effect of crystallization temperature on the in situ valorization of physic nut (<i>Jatropha curcas</i> L.) wastes using synthetic HZSM-5 catalyst. <i>Chemical Engineering Research and Design</i> , 2014 , 92, 1883-1890	5.5	3

30	Catalytic upgrading pyrolysis vapors of Jatropha waste using metal promoted ZSM-5 catalysts: An analytical PY-GC/MS. <i>Renewable Energy</i> , 2014 , 65, 70-77	8.1	95
29	Fuel Gas Upgrading Over La _{1-x} Ce _x CoO ₃ Mixed Oxide with Toluene as Model Compound. <i>Topics in Catalysis</i> , 2013 , 56, 339-344	2.3	5
28	Enhancement of Cassava Rhizome Gasification Using Mono-Metallic Cobalt Catalysts. <i>Energy Procedia</i> , 2013 , 34, 273-281	2.3	6
27	Effect of Metal-modified Carbon Catalysts on Fast Pyrolysis of Jatropha Waste. <i>Journal of the Japan Petroleum Institute</i> , 2013 , 56, 371-380	1	4
26	Catalytic Upgrading of Jatropha Waste Fast Pyrolysis Vapors Over Synthesized HZSM-5 Using Analytical Py-GC/MS. <i>Journal of Biobased Materials and Bioenergy</i> , 2013 , 7, 252-258	1.4	3
25	Synthesis and catalytic activity of sol-gel derived La _{1-x} Ni _x perovskite mixed oxide on steam reforming of toluene. <i>Current Applied Physics</i> , 2012 , 12, S80-S88	2.6	31
24	Steam reforming of tar model compound using Pd catalyst on alumina tube. <i>Environmental Technology (United Kingdom)</i> , 2012 , 33, 2497-505	2.6	3
23	Pyrolysis and gasification of landfilled plastic wastes with Ni-Mg-La/Al ₂ O ₃ catalyst. <i>Environmental Technology (United Kingdom)</i> , 2012 , 33, 2489-95	2.6	8
22	Fuel Gas Generation from Thermochemical Conversion of Crude Glycerol Mixed with Biomass Wastes. <i>Energy Procedia</i> , 2012 , 14, 1286-1291	2.3	14
21	Ni-Mg-La tri-metallic on alumina catalysts for steam reforming of a biomass gasification tar model compound. <i>International Journal of Materials and Product Technology</i> , 2012 , 44, 201	1	1
20	Fluidized Bed Gasification of Glycerol Waste for Generation of Fuel Products. <i>Journal of Biobased Materials and Bioenergy</i> , 2012 , 6, 643-649	1.4	3
19	Alumina Supported Ni-Mg-La Tri-Metallic Catalysts for Toluene Steam Reforming as a Biomass Gasification Tar Model Compound. <i>Advanced Materials Research</i> , 2011 , 378-379, 614-618	0.5	2
18	Synthetic olivine supported nickel catalysts for gasification of glycerol. <i>Applied Clay Science</i> , 2011 , 53, 244-253	5.2	13
17	Investigation on thermochemical conversion of pelletized Jatropha residue and glycerol waste using single particle reactivity technique. <i>Chemical Engineering Journal</i> , 2011 , 176-177, 217-224	14.7	4
16	Fuel Gases from Gasification Process of Glass Fiber/Epoxy Composite Waste. <i>Materials Science Forum</i> , 2011 , 695, 5-8	0.4	
15	Effect of Silicon Carbide Susceptor and Nickel Catalyst Content on Microwave Enhanced Thermal Conversion of Glycerol Waste. <i>Materials Science Forum</i> , 2010 , 658, 73-76	0.4	
14	Optimization of Manufacturing Conditions for Activated Carbon from Coffee (Coffea Arabica L.) Bean Waste by Chemical Activation. <i>Materials Science Forum</i> , 2010 , 658, 113-116	0.4	2
13	Thermal Decomposition and Kinetic Study on Different Types of Glass Fiber/Unsaturated Polyester Pipe Waste. <i>Materials Science Forum</i> , 2010 , 654-656, 2652-2655	0.4	3

12	Effect of Complexing Agent on Morphology and Crystal Structure of La _{1-x} Ce _x CoO ₃ (x=0, 0.2, and 0.4) Perovskite-Type Mixed Oxides Catalyst Prepared by Sol-Gel Method. <i>Materials Science Forum</i> , 2010 , 658, 29-32	0.4	1
11	Preparation of Ni [MgO]La ₂ O ₃ Catalyst on Alumina Support for Catalytic Tar Cracking Process. <i>Key Engineering Materials</i> , 2010 , 434-435, 826-829	0.4	1
10	Effect of CaO/ZrO ₂ addition to Ni supported on γ -Al ₂ O ₃ by sequential impregnation in steam methane reforming. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 12277-12285	6.7	24
9	Enhanced Gasification of Waste Glycerol Over Ni/SiC Catalyst for Fuel Gas Production 2009 ,		1
8	Thermal decomposition study on Jatropha curcas L. waste using TGA and fixed bed reactor. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009 , 85, 155-162	6	81
7	Assessment of black liquor gasification in supercritical water. <i>Bioresource Technology</i> , 2009 , 100, 638-43	11	110
6	Preparation and Characterization of Activated Carbon from the Pyrolysis of Physic Nut (Jatropha curcas L.) Waste <i>Energy & Fuels</i> , 2008 , 22, 31-37	4.1	82
5	Investigation of Pyrolyzed Chars from Physic Nut Waste for the Preparation of Activated Carbon. <i>Journal of Solid Mechanics and Materials Engineering</i> , 2007 , 1, 498-507		18
4	A-21 INVESTIGATION OF CHARS PYROLYZED FROM PHYSIC NUT WASTE FOR THE PREPARATION OF ACTIVATED CARBON (Session: Inorganic Materials). <i>The Proceedings of the Asian Symposium on Materials and Processing</i> , 2006 , 2006, 21		
3	Carbon distribution in char residue from gasification of kraft black liquor. <i>Biomass and Bioenergy</i> , 2003 , 25, 209-220	5.3	29
2	Black Liquor Gasification Characteristics. 1. Formation and Conversion of Carbon-Containing Product Gases. <i>Industrial & Engineering Chemistry Research</i> , 2002 , 41, 5640-5649	3.9	20
1	Black Liquor Gasification Characteristics. 2. Measurement of Condensable Organic Matter (Tar) at Rapid Heating Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2002 , 41, 5650-5658	3.9	14