Ajay Dalai

List of Publications by Year
in descending order

138	8,435	44069	48315
papers	citations	48 h-index	88 g-index

138	138	138	6562
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of stable bimetallic catalysts for carbon dioxide reforming of methane. Journal of Catalysis, 2007, 249, 300-310.	6.2	585
2	Supercritical water gasification of biomass for hydrogen production. International Journal of Hydrogen Energy, 2014, 39, 6912-6926.	7.1	399
3	Solid acid catalyzed biodiesel production by simultaneous esterification and transesterification. Green Chemistry, 2006, 8, 1056.	9.0	390
4	Characterization of North American Lignocellulosic Biomass and Biochars in Terms of their Candidacy for Alternate Renewable Fuels. Bioenergy Research, 2013, 6, 663-677.	3.9	295
5	Pathways of lignocellulosic biomass conversion to renewable fuels. Biomass Conversion and Biorefinery, 2014, 4, 157-191.	4.6	290
6	Biochar as an Exceptional Bioresource for Energy, Agronomy, Carbon Sequestration, Activated Carbon and Specialty Materials. Waste and Biomass Valorization, 2016, 7, 201-235.	3.4	272
7	Effects of temperature on the physicochemical characteristics of fast pyrolysis bio-chars derived from Canadian waste biomass. Fuel, 2014, 125, 90-100.	6.4	266
8	An assessment on the sustainability of lignocellulosic biomass for biorefining. Renewable and Sustainable Energy Reviews, 2015, 50, 925-941.	16.4	223
9	Supercritical water gasification of biomass: a state-of-the-art review of process parameters, reaction mechanisms and catalysis. Sustainable Energy and Fuels, 2019, 3, 578-598.	4.9	210
10	Review of post-combustion carbon dioxide capture technologies using activated carbon. Journal of Environmental Sciences, 2019, 83, 46-63.	6.1	210
11	Gasification of fruit wastes and agro-food residues in supercritical water. Energy Conversion and Management, 2016, 110, 296-306.	9.2	190
12	Futuristic applications of hydrogen in energy, biorefining, aerospace, pharmaceuticals and metallurgy. International Journal of Hydrogen Energy, 2021, 46, 8885-8905.	7.1	190
13	A review on subcritical and supercritical water gasification of biogenic, polymeric and petroleum wastes to hydrogen-rich synthesis gas. Renewable and Sustainable Energy Reviews, 2020, 119, 109546.	16.4	184
14	Chemistry and Specialty Industrial Applications of Lignocellulosic Biomass. Waste and Biomass Valorization, 2021, 12, 2145-2169.	3.4	166
15	Hydrothermal pretreatment technologies for lignocellulosic biomass: A review of steam explosion and subcritical water hydrolysis. Chemosphere, 2021, 284, 131372.	8.2	160
16	Fischerâ€“Tropsch synthesis over carbon nanotubes supported cobalt catalysts in a fixed bed reactor: Influence of acid treatment. Fuel Processing Technology, 2009, 90, 367-374.	7.2	135
17	Innovations in applications and prospects of bioplastics and biopolymers: a review. Environmental Chemistry Letters, 2022, 20, 379-395.	16.2	134
18	Insights on pathways for hydrogen generation from ethanol. Sustainable Energy and Fuels, 2017, 1, 1232-1245.	4.9	120

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19	Hydrothermal catalytic processing of waste cooking oil for hydrogen-rich syngas production. Chemical Engineering Science, 2019, 195, 935-945.	3.8	112
20	Hydrogen production from lignin, cellulose and waste biomass via supercritical water gasification: Catalyst activity and process optimization study. Energy Conversion and Management, 2016, 117, 528-537.	9.2	109
21	Subcritical and supercritical water gasification of lignocellulosic biomass impregnated with nickel nanocatalyst for hydrogen production. International Journal of Hydrogen Energy, 2016, 41, 4907-4921.	7.1	107
22	Fermentative production of butanol: Perspectives on synthetic biology. New Biotechnology, 2017, 37, 210-221.	4.4	107
23	Valorization of horse manure through catalytic supercritical water gasification. Waste Management, 2016, 52, 147-158.	7.4	104
24	Breakthrough CO 2 adsorption in bio-based activated carbons. Journal of Environmental Sciences, 2015, 34, 68-76.	6.1	103
25	Esterification of Levulinic Acid to n-Butyl Levulinate Over Various Acidic Zeolites. Catalysis Letters, 2013, 143, 1220-1225.	2.6	99
26	Butanol and ethanol production from lignocellulosic feedstock: biomass pretreatment and bioconversion. Energy Science and Engineering, 2014, 2, 138-148.	4.0	94
27	Hydrothermal gasification of soybean straw and flax straw for hydrogen-rich syngas production: Experimental and thermodynamic modeling. Energy Conversion and Management, 2020, 208, 112545.	9.2	92
28	Supercritical water gasification of fructose as a model compound for waste fruits and vegetables. Journal of Supercritical Fluids, 2015, 104, 112-121.	3.2	87
29	An assessment of pinecone gasification in subcritical, near-critical and supercritical water. Fuel Processing Technology, 2017, 168, 84-96.	7.2	87
30	Supercritical water gasification of timothy grass as an energy crop in the presence of alkali carbonate and hydroxide catalysts. Biomass and Bioenergy, 2016, 95, 378-387.	5.7	86
31	Comparison of Hydrodenitrogenation of Basic and Nonbasic Nitrogen Compounds Present in Oil Sands Derived Heavy Gas Oil. Energy & Fuels, 2001, 15, 377-383.	5.1	84
32	A Review of Torrefaction Technology for Upgrading Lignocellulosic Biomass to Solid Biofuels. Bioenergy Research, 2021, 14, 645-669.	3.9	81
33	Biochar production, activation and adsorptive applications: a review. Environmental Chemistry Letters, 2021, 19, 2237-2259.	16.2	80
34	Nextâ€generation biofuels and platform biochemicals from lignocellulosic biomass. International Journal of Energy Research, 2021, 45, 14145-14169.	4.5	79
35	Characterization and Activity of ZrO₂ Doped SBA-15 Supported NiMo Catalysts for HDS and HDN of Bitumen Derived Heavy Gas Oil. Industrial & Engineering Chemistry Research, 2011, 50, 7882-7895.	3.7	76
36	Optimization and modeling of process parameters during hydrothermal gasification of biomass model compounds to generate hydrogen-rich gas products. International Journal of Hydrogen Energy, 2020, 45, 18275-18288.	7.1	70

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37	Taguchi-based process optimization for activation of agro-food waste biochar and performance test for dye adsorption. Chemosphere, 2021, 285, 131531.	8.2	68
38	Catalytic gasification of cellulose and pinewood to H2 in supercritical water. Fuel, 2014, 118, 416-425.	6.4	67
39	Systematic screening and modification of Ni based catalysts for hydrogen generation from supercritical water gasification of lignin. Chemical Engineering Journal, 2016, 283, 1019-1032.	12.7	64
40	Review on impacts of low sulfur regulations on marine fuels and compliance options. Fuel, 2022, 310, 122243.	6.4	62
41	Metalâ€“organic framework-based functional catalytic materials for biodiesel production: a review. Green Chemistry, 2021, 23, 2595-2618.	9.0	60
42	Modeling and process optimization of hydrothermal gasification for hydrogen production: A comprehensive review. Journal of Supercritical Fluids, 2021, 173, 105199.	3.2	60
43	Effects of bio-additives on the physicochemical properties and mechanical behavior of canola hull fuel pellets. Renewable Energy, 2019, 132, 296-307.	8.9	59
44	Slow pyrolysis of agro-food wastes and physicochemical characterization of biofuel products. Chemosphere, 2021, 285, 131431.	8.2	56
45	Lignocellulosic Biomass: A Review of Conversion Technologies and Fuel Products. Current Biochemical Engineering, 2015, 3, 24-36.	1.3	53
46	Techno-economic evaluation and sensitivity analysis of a conceptual design for supercritical water gasification of soybean straw to produce hydrogen. Bioresource Technology, 2021, 331, 125005.	9.6	52
47	Combined Effects of EDTA and Heteroatoms (Ti, Zr, and Al) on Catalytic Activity of SBA-15 Supported NiMo Catalyst for Hydrotreating of Heavy Gas Oil. Industrial & Engineering Chemistry Research, 2014, 53, 2137-2156.	3.7	51
48	Noncatalytic Gasification of Lignin in Supercritical Water Using a Batch Reactor for Hydrogen Production: An Experimental and Modeling Study. Energy & Fuels, 2015, 29, 1776-1784.	5.1	50
49	Investigating the applicability of Athabasca bitumen as a feedstock for hydrogen production through catalytic supercritical water gasification. Journal of Environmental Chemical Engineering, 2018, 6, 182-189.	6.7	50
50	Physico-chemistry of biochars produced through steam gasification and hydro-thermal gasification of canola hull and canola meal pellets. Biomass and Bioenergy, 2019, 120, 458-470.	5.7	50
51	Lewis acid catalyzed gasification of humic acid in supercritical water. Catalysis Today, 2017, 291, 13-23.	4.4	47
52	Studies on the Performance of a Microscale Trickle Bed Reactor Using Different Sizes of Diluent. Energy & Fuels, 2000, 14, 701-705.	5.1	45
53	Study on the quality of oat hull fuel pellets using bio-additives. Biomass and Bioenergy, 2017, 106, 166-175.	5.7	45
54	Comparative evaluation for catalytic gasification of petroleum coke and asphaltene in subcritical and supercritical water. Journal of Energy Chemistry, 2019, 31, 107-118.	12.9	43

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55	Catalytic conversion of lignocellulosic polysaccharides to commodity biochemicals: a review. Environmental Chemistry Letters, 2021, 19, 4119-4136.	16.2	43
56	Thermal and Kinetic Studies on Biomass Degradation via Thermogravimetric Analysis: A Combination of Model-Fitting and Model-Free Approach. ACS Omega, 2021, 6, 22233-22247.	3.5	39
57	Carbon dioxide capture from flue gas in biochar produced from spent coffee grounds: Effect of surface chemistry and porous structure. Journal of Environmental Chemical Engineering, 2021, 9, 106049.	6.7	39
58	A Review of Biomass Resources and Thermochemical Conversion Technologies. Chemical Engineering and Technology, 2022, 45, 791-799.	1.5	39
59	Evaluating the potential for bio-fuel upgrading: A comprehensive analysis of bio-crude and bio-residue from hydrothermal liquefaction of agricultural biomass. Applied Energy, 2019, 254, 113679.	10.1	38
60	Subcritical water hydrolysis of Phragmites for sugar extraction and catalytic conversion to platform chemicals. Biomass and Bioenergy, 2021, 145, 105965.	5.7	36
61	Effect of diluent size on the performance of a micro-scale fixed bed multiphase reactor in up flow and down flow modes of operation. Catalysis Today, 2001, 64, 333-345.	4.4	35
62	Supercritical water gasification of biomass in diamond anvil cells and fluidized beds. Biofuels, Bioproducts and Biorefining, 2014, 8, 728-737.	3.7	35
63	Thermo-physical characterization of torrefied fuel pellet from co-pelletization of canola hulls and meal. Industrial Crops and Products, 2019, 128, 424-435.	5.2	35
64	Subcritical water gasification of lignocellulosic wastes for hydrogen production with Co modified Ni/Al2O3 catalysts. Journal of Supercritical Fluids, 2020, 162, 104863.	3.2	34
65	Biodegradation of a surrogate naphthenic acid under denitrifying conditions. Water Research, 2014, 51, 11-24.	11.3	33
66	Canola meal moisture-resistant fuel pellets: Study on the effects of process variables and additives on the pellet quality and compression characteristics. Industrial Crops and Products, 2015, 63, 337-348.	5.2	33
67	Hydrogen generation via supercritical water gasification of lignin using Ni-Co/Mg-Al catalysts. International Journal of Energy Research, 2017, 41, 1835-1846.	4.5	33
68	Catalytic Supercritical Water Gasification of Soybean Straw: Effects of Catalyst Supports and Promoters. Industrial & Engineering Chemistry Research, 2021, 60, 5770-5782.	3.7	31
69	Characteristics of torrefied fuel pellets obtained from co-pelletization of agriculture residues with pyrolysis oil. Biomass and Bioenergy, 2021, 150, 106139.	5.7	30
70	Enhancement of fuel and physicochemical properties of canola residues via microwave torrefaction. Energy Reports, 2021, 7, 6338-6353.	5.1	30
71	Catalytic gasification of light and heavy gas oils in supercritical water. Journal of the Energy Institute, 2020, 93, 2025-2032.	5.3	29
72	Physicochemical and Fuel Characteristics of Torrefied Agricultural Residues for Sustainable Fuel Production. Energy & Fuels, 2020, 34, 14169-14181.	5.1	27

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73	Isolation of cellulose fibers from wetland reed grass through an integrated subcritical water hydrolysis-pulping-bleaching process. Fuel, 2022, 311, 122618.	6.4	27
74	Physico-Chemical Evolution in Lignocellulosic Feedstocks During Hydrothermal Pretreatment and Delignification. Journal of Biobased Materials and Bioenergy, 2015, 9, 295-308.	0.3	25
75	Process optimization and investigating the effects of torrefaction and pelletization on steam gasification of canola residue. Fuel, 2022, 323, 124239.	6.4	25
76	Oxidative Desulfurization of Heavy Gas Oil over a Tiâ€“TUD-1-Supported Keggin-Type Molybdenum Heteropolyacid. Energy & Fuels, 2020, 34, 15299-15312.	5.1	24
77	Synthesis and Characterization of Co/C and Fe/C Nanocatalysts for Fischerâ€“Tropsch Synthesis: A Comparative Study Using a Fixed-Bed Reactor. Industrial & Engineering Chemistry Research, 2015, 54, 10661-10674.	3.7	23
78	Selective removal of nitrogen compounds from gas oil using functionalized polymeric adsorbents: Efficient approach towards improving denitrogenation of petroleum feedstock. Chemical Engineering Journal, 2016, 295, 109-118.	12.7	23
79	Effects of Natural Additives on the Properties of Sawdust Fuel Pellets. Energy & Fuels, 2018, 32, 1863-1873.	5.1	22
80	Rice husk mediated synthesis of meso-ZSM-5 and its application in the synthesis of n-butyl levulinate. Journal of Porous Materials, 2019, 26, 677-686.	2.6	22
81	Water Removal from Ethanol Vapor by Adsorption on Canola Meal after Protein Extraction. Industrial & Engineering Chemistry Research, 2013, 52, 14429-14440.	3.7	21
82	Functionalization and Characterization of Carbon Nanohorns (CNHs) for Hydrotreating of Gas Oils. Topics in Catalysis, 2014, 57, 796-805.	2.8	21
83	Complementary effects of torrefaction and pelletization for the production of fuel pellets from agricultural residues: A comparative study. Industrial Crops and Products, 2022, 181, 114740.	5.2	21
84	Immobilization of fluorenone derived Ï€-acceptors on poly (GMA-co-EGDMA) for the removal of refractory nitrogen species from bitumen derived gas oil. Fuel, 2015, 145, 100-108.	6.4	20
85	Ethanol Dehydration in a Pressure Swing Adsorption Process Using Canola Meal. Energy & Fuels, 2013, 27, 6655-6664.	5.1	19
86	Production of anhydrous biobutanol using a biosorbent developed from oat hulls. Chemical Engineering Journal, 2019, 356, 830-838.	12.7	19
87	Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Characterization of Treated Athabasca Oil Sands Processed Waters. Energy & Fuels, 2015, 29, 2768-2773.	5.1	18
88	Effects of promoters (Mn, Mg, Co and Ni) on the Fischer-Tropsch activity and selectivity of KCuFe/mesoporous-alumina catalyst. Applied Catalysis A: General, 2020, 607, 117861.	4.3	18
89	Catalytic hydrothermal co-gasification of canola meal and low-density polyethylene using mixed metal oxides for hydrogen production. International Journal of Hydrogen Energy, 2022, 47, 42084-42098.	7.1	18
90	Ethanol Dehydration in a Fixed Bed Using Canola Meal. Energy & Fuels, 2012, 26, 5226-5231.	5.1	17

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91	EFFECT OF PRETREATMENT CONDITIONS ON STRUCTURAL CHARACTERISTICS OF WHEAT STRAW. Chemical Engineering Communications, 2013, 200, 1251-1259.	2.6	17
92	Lowâ€temperature Fischerâ€Tropsch synthesis using plasmaâ€synthesized nanometric Co/C and Fe/C catalysts. Canadian Journal of Chemical Engineering, 2016, 94, 1504-1515.	1.7	17
93	Ultrasound-assisted oxidative desulfurization of Arabian extra light oil (AXL) with molecular characterization of the sulfur compounds. Fuel, 2021, 305, 121612.	6.4	17
94	Gasification of Canola Meal and Factors Affecting Gasification Process. Bioenergy Research, 2014, 7, 1131-1143.	3.9	16
95	Physiochemical characterization and support interaction of aluminaâ€supported heteropolyacid catalyst for biodiesel production. Asia-Pacific Journal of Chemical Engineering, 2018, 13, e2249.	1.5	16
96	A review of thermocatalytic conversion of biogenic wastes into crude biofuels and biochemical precursors. Fuel, 2022, 320, 123857.	6.4	16
97	Agricultural byproducts-based biosorbents for purification of bioalcohols: a review. Bioresources and Bioprocessing, 2018, 5, .	4.2	15
98	Optimization studies for hydrothermal gasification of partially burnt wood from forest fires for hydrogen-rich syngas production using Taguchi experimental design. Environmental Pollution, 2021, 283, 117040.	7.5	15
99	Pelletization of torrefied canola residue: Effects of microwave power, residence time and bio-additives on fuel pellet quality. Fuel, 2022, 312, 122728.	6.4	15
100	Experimental and Modeling Studies of Torrefaction of Spent Coffee Grounds and Coffee Husk: Effects on Surface Chemistry and Carbon Dioxide Capture Performance. ACS Omega, 2022, 7, 638-653.	3.5	15
101	Atomic Layer Deposition ZnO Over-Coated Cu/SiO2 Catalysts for Methanol Synthesis from CO2 Hydrogenation. Catalysts, 2019, 9, 922.	3.5	14
102	Catalytic hydrodeoxygenation of bioâ€oil model compound for production of fuel grade oil. Asia-Pacific Journal of Chemical Engineering, 2019, 14, e2317.	1.5	13
103	Production of jet fuel by hydrorefining of Fischer-Tropsch wax over Pt/Al-TUD-1 bifunctional catalyst. Fuel, 2021, 300, 121008.	6.4	13
104	Pyrolysis kinetics and activation thermodynamic parameters of exhausted coffee residue and coffee husk using thermogravimetric analysis. Canadian Journal of Chemical Engineering, 2021, 99, 1683-1695.	1.7	12
105	Synthesis and Characterization of Functionalized Poly(glycidyl methacrylate)-Based Particles for the Selective Removal of Nitrogen Compounds from Light Gas Oil: Effect of Linker Length. Energy & Fuels, 2015, 29, 1881-1891.	5.1	11
106	Selective Water Removal by Sorption from Butanolâ€“Water Vapor Mixtures: Analyses of Key Operating Parameters and Site Energy Distribution. Energy & Fuels, 2017, 31, 5193-5202.	5.1	11
107	Steam and supercritical water gasification of densified canola meal fuel pellets. International Journal of Hydrogen Energy, 2022, 47, 42013-42026.	7.1	10
108	Hydrothermal flames for subaquatic, terrestrial and extraterrestrial applications. Journal of Hazardous Materials, 2022, 424, 127520.	12.4	9

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109	Hydrotreating and oxidative desulfurization of heavy fuel oil into low sulfur marine fuel over dual function NiMo/Î³â€“Al2O3 catalyst. Catalysis Today, 2023, 407, 165-171.	4.4	9
110	Extraction of Sugars and Cellulose Fibers from Cannabis Stems by Hydrolysis, Pulping, and Bleaching. Chemical Engineering and Technology, 2022, 45, 962-970.	1.5	9
111	Catalytic oxidative desulfurization of light gas oil over Keggin-type phosphomolybdic acid supported on TUD-1 metallosilicates. Fuel, 2022, 317, 123447.	6.4	8
112	Removal of dicyclohexyl acetic acid from aqueous solution using ultrasound, ozone and their combination. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2014, 49, 1512-1519.	1.7	7
113	Hydroprocessing of Oleic Acid for Production of Jet-Fuel Range Hydrocarbons over Cu and FeCu Catalysts. Catalysts, 2019, 9, 1051.	3.5	7
114	Comparative Studies of Carbon Nanomaterial and Î³-Alumina as Supports for the Niâ€“Mo Catalyst in Hydrotreating of Gas Oils. Energy & Fuels, 2021, 35, 6153-6166.	5.1	7
115	A Spotlight on Butanol and Propanol as Next-Generation Synthetic Fuels. , 2020, , 105-126.		7
116	Comparative Catalytic Performance Study of 12-Tungstophosphoric Heteropoly Acid Supported on Mesoporous Supports for Biodiesel Production from Unrefined Green Seed Canola Oil. Catalysts, 2022, 12, 658.	3.5	7
117	Deposition of fine particles of gas oil on hydrotreating catalyst: Impact of process parameters and filtration trends. Fuel Processing Technology, 2018, 171, 223-231.	7.2	6
118	Hydrogen production from cotton stalk over Ni-La catalysts supported on spent bleaching clay via hydrothermal gasification. Industrial Crops and Products, 2022, 186, 115228.	5.2	6
119	Drying of nonpolar gas in a pressure swing adsorption process using canola meal biosorbents. Asia-Pacific Journal of Chemical Engineering, 2018, 13, e2232.	1.5	5
120	Influence of Catalyst Acidity on Fine Particle Deposition during Hydrotreating of Bitumen-Derived Heavy Gas Oil. Energy & Fuels, 2021, 35, 16735-16749.	5.1	5
121	Influence of pretreatment conditions on composition of liquid hydrolysate and subsequent enzymatic saccharification of remaining solids. Canadian Journal of Chemical Engineering, 2013, 91, 1223-1228.	1.7	4
122	Selective adsorption of water from aqueous butanol solution using canola-meal-based biosorbents. Chemical Engineering Communications, 2018, 205, 637-646.	2.6	4
123	Dynamics of Water Adsorption from Butanolâ€“Water Vapor in a Biosorbent Packed Column. Industrial & Engineering Chemistry Research, 2019, 58, 15619-15627.	3.7	4
124	Dynamic Study of Butanol and Water Adsorption onto Oat Hull: Experimental and Simulated Breakthrough Curves. Energy & Fuels, 2019, 33, 9835-9842.	5.1	4
125	TPA Supported on SBA-15 as Solid Acid Catalysts for the Biodiesel Production. ACS Symposium Series, 2012, , 93-109.	0.5	3
126	Hydroprocessing of oleic acid for production of jet fuel range hydrocarbons over Sn(1)â€Fe(3)â€Cu(13)/SiO₂â€Al₂O₃ catalyst: Process parameters optimization, kinetics, and thermodynamic study. Asia-Pacific Journal of Chemical Engineering, 2021, 16, e2621.	1.5	3

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127	Biocrude Oil Production via Hydrothermal Liquefaction of Algae and Upgradation Techniques to Liquid Transportation Fuels. , 2020, , 249-270.		3
128	Oxidative Desulfurization of Tire Pyrolysis Oil over Molybdenum Heteropolyacid Loaded Mesoporous Catalysts. Reactions, 2021, 2, 457-472.	2.1	3
129	Adsorptive Removal of Nitrogen, Sulfur, and Aromatic Compounds from Gas Oil by Poly(glycidy) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2430-2438.	5.1	2
130	Maximization of Carbon Nanohorns Production via the Arc Discharge Method for Hydrotreating Application. Journal of Nanoscience and Nanotechnology, 2017, 17, 4784-4791.	0.9	2
131	Equilibrium Study and Analysis of Site Energy Distribution of Butanol Sorption on a Biosorbent. Energy & Fuels, 2021, 35, 6681-6690.	5.1	2
132	Thermochemical conversion of organic waste: New horizons for production of green energy. , 2022, , 1-21.		2
133	Hydrothermal processing of waste pine wood into industrially useful products. Journal of the Indian Chemical Society, 2022, 99, 100647.	2.8	2
134	Process Improvements and Techno-Economic Feasibility of Hydrothermal Liquefaction and Pyrolysis of Biomass for Biocrude Oil Production. , 2020, , 221-248.		1
135	Deposition of Fine Particles during Hydrotreating of Oil Sands Bitumen-Derived Heavy Gas Oil in a Packed Bed Reactor: Impact of Process Parameters and Surface Charge. Industrial & Engineering Chemistry Research, 0, , .	3.7	1
136	Insights into the integrated effects of polymeric pretreatment and catalytic hydrotreatment of light gas oil. Asia-Pacific Journal of Chemical Engineering, 2019, 14, e2285.	1.5	0
137	Growth of Biofuels Sector: Opportunities, Challenges, and Outlook. , 2020, , 1-21.		0
138	Synthesis and Characterization of NiMo Catalysts Supported on Fine Carbon Particles for Hydrotreating: Effects of Metal Loadings in Catalyst Formulation. Frontiers in Chemical Engineering, 2022, 3, .	2.7	0