

Prasert Reubroycharoen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4774281/prasert-reubroycharoen-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

89
papers

1,788
citations

22
h-index

39
g-index

90
ext. papers

2,266
ext. citations

5
avg, IF

5.21
L-index

#	Paper	IF	Citations
89	Catalytic conversion of bioethanol to value-added chemicals and fuels: A review 2022 , 1, 47-68		3
88	Direct biogas upgrading via CO ₂ methanation to high-quality biomethane over NiMg/CNT-SiO ₂ fiber catalysts. <i>Fuel</i> , 2022 , 310, 122289	7.1	3
87	Catalytic Hydrotreating of Crude Pongamia pinnata Oil to Bio-Hydrogenated Diesel over Sulfided NiMo Catalyst. <i>Energies</i> , 2022 , 15, 1547	3.1	0
86	One-pot upgrading of coconut coir lignin over high-efficiency Ni ₂ P catalysts. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106702	6.8	0
85	Preparation of various hierarchical HZSM-5 based catalysts for in-situ fast upgrading of bio-oil. <i>Renewable Energy</i> , 2021 , 169, 283-292	8.1	14
84	In-situ catalytic upgrading of bio-oil derived from fast pyrolysis of sunflower stalk to aromatic hydrocarbons over bifunctional Cu-loaded HZSM-5. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021 , 155, 105079	6	8
83	Bio-jet fuel range in biofuels derived from hydroconversion of palm olein over Ni/zeolite catalysts and freezing point of biofuels/Jet A-1 blends. <i>Fuel</i> , 2021 , 293, 120472	7.1	12
82	Enhanced Olefins selectivity by promoted CO adsorption on ZrO ₂ @FeCu catalyst. <i>Catalysis Today</i> , 2021 , 375, 290-297	5.3	2
81	Data-driven prediction of biomass pyrolysis pathways toward phenolic and aromatic products. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 104836	6.8	5
80	Magnesium Oxide-Catalyzed Conversion of Chitin to Lactic Acid. <i>ChemistryOpen</i> , 2021 , 10, 308-315	2.3	0
79	Structure-Activity Analysis and Molecular Docking Studies of Coumarins from as Multifunctional Agents for Alzheimer's Disease. <i>Biomedicines</i> , 2020 , 8,	4.8	6
78	Waste biomass valorization through production of xylose-based porous carbon microspheres for supercapacitor applications. <i>Waste Management</i> , 2020 , 105, 492-500	8.6	24
77	Effect of carbon number on the production of propylene and ethylene by catalytic cracking of straight-chain alkanes over phosphorus-modified ZSM-5. <i>Fuel Processing Technology</i> , 2020 , 202, 106367	7.2	17
76	A Well-Defined Core-Shell-Structured Capsule Catalyst for Direct Conversion of CO into Liquefied Petroleum Gas. <i>ChemSusChem</i> , 2020 , 13, 2060-2065	8.3	10
75	Heterogeneous Catalysis in Hydroxymethylfurfural Conversion to Fuels and Chemicals 2020 , 355-370		
74	Glycerol valorization through production of di-glyceryl butyl ether with sulfonic acid functionalized KIT-6 catalyst. <i>Carbon Resources Conversion</i> , 2020 , 3, 182-189	4.7	6
73	Hydrogen Production by Steam Reforming of Fusel Oil Using a CeCoO _x Mixed-Oxide Catalyst. <i>Chemical Engineering and Technology</i> , 2020 , 43, 689-697	2	1

72	Selective production of green solvent (isoamyl acetate) from fusel oil using a sulfonic acid-functionalized KIT-6 catalyst. <i>Molecular Catalysis</i> , 2020 , 484, 110724	3.3	5
71	Catalytic pyrolysis of wasted fishing net over calcined scallop shells: Analytical Py-GC/MS study. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020 , 146, 104750	6	8
70	Catalytic pyrolysis of Napier grass with nickel-copper core-shell bi-functional catalyst. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020 , 145, 104745	6	7
69	Partial Hydrogenation of Palm Oil-Derived Biodiesel over Ni/Electrospun Silica Fiber Catalysts. <i>Catalysts</i> , 2020 , 10, 993	4	4
68	High selective monoaromatic hydrocarbon production via integrated pyrolysis and catalytic upgrading of Napier grass over Ca/Ni/boronic acid/KIT-6. <i>Biomass Conversion and Biorefinery</i> , 2020 , 10, 423-434	2.3	
67	Designing a hierarchical nanosheet ZSM-35 zeolite to realize more efficient ethanol synthesis from dimethyl ether and syngas. <i>Catalysis Today</i> , 2020 , 343, 206-214	5.3	15
66	Biofuel preparation from waste chicken fat using coal fly ash as a catalyst: Optimization and kinetics study in a batch reactor. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103155	6.8	6
65	Evaluating the CO ₂ Capture Performance Using a BEA-AMP Blend Amine Solvent with Novel High-Performing Absorber and Desorber Catalysts in a Bench-Scale CO ₂ Capture Pilot Plant. <i>Energy & Fuels</i> , 2019 , 33, 3390-3402	4.1	13
64	Mechanism study on the pyrolysis of the typical ether linkages in biomass. <i>Fuel</i> , 2019 , 249, 146-153	7.1	34
63	Integrated catalytic hydrodeoxygenation of Napier grass pyrolysis vapor using a Ni ₂ P/C catalyst. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019 , 140, 170-178	6	10
62	Role of copper- or cerium-promoters on NiMo/Al ₂ O ₃ catalysts in hydrodeoxygenation of guaiacol and bio-oil. <i>Applied Catalysis A: General</i> , 2019 , 574, 151-160	5.1	25
61	Continuous Flow Selective Hydrogenation of 5-Hydroxymethylfurfural to 2,5-Dimethylfuran Using Highly Active and Stable CuBd/Reduced Graphene Oxide. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 14210-14216	8.3	31
60	Fe-Containing MOFs as Seeds for the Preparation of Highly Active Fe/Al-SBA-15 Catalysts in the NAlkylation of Aniline. <i>Molecules</i> , 2019 , 24,	4.8	3
59	Biomass derived N-doped biochar as efficient catalyst supports for CO ₂ methanation. <i>Journal of CO₂ Utilization</i> , 2019 , 34, 733-741	7.6	37
58	In-situ Catalytic Upgrading of Bio-oils Derived from Fast Pyrolysis of Cellulose, Hemicellulose, and Lignin over Various Zeolites. <i>Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy</i> , 2019 , 98, 254-258	0.5	1
57	Effect on the Properties of Brake Pads of Recycling Dust as Filler. <i>Key Engineering Materials</i> , 2019 , 824, 52-58	0.4	
56	Formation and activity of activated carbon supported Ni ₂ P catalysts for atmospheric deoxygenation of waste cooking oil. <i>Fuel Processing Technology</i> , 2019 , 185, 117-125	7.2	34
55	Solvent Regeneration of a CO ₂ -Loaded BEA-AMP Bi-Blend Amine Solvent with the Aid of a Solid Brüsted Ce(SO ₄) ₂ /ZrO ₂ Superacid Catalyst. <i>Energy & Fuels</i> , 2019 , 33, 1334-1343	4.1	21

54	Highly productive xylose dehydration using a sulfonic acid functionalized KIT-6 catalyst. <i>Fuel</i> , 2019 , 236, 1156-1163	7.1	17
53	Catalytic upgrading of bio-oils over high alumina zeolites. <i>Renewable Energy</i> , 2019 , 136, 1304-1310	8.1	24
52	Statistical optimization of biodiesel production from para rubber seed oil by SO ₃ H-MCM-41 catalyst. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 2028-2036	5.9	12
51	Fabrication and evaluation of nanocellulose sponge for oil/water separation. <i>Carbohydrate Polymers</i> , 2018 , 190, 184-189	10.3	90
50	Heavy metal sequestration with a boronic acid-functionalized carbon-based adsorbent. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 1147-1154	6.8	12
49	Enhanced electrochemical performances with a copper/xylose-based carbon composite electrode. <i>Applied Surface Science</i> , 2018 , 436, 639-645	6.7	7
48	Fibrous platelet carbon nanofibers-silica fiber composite supports for a Co-based catalyst in the steam reforming of acetic acid. <i>Applied Catalysis A: General</i> , 2018 , 560, 215-224	5.1	8
47	Investigation of Ni/SiO ₂ Fiber Catalysts Prepared by Different Methods on Hydrogen production from Ethanol Steam Reforming. <i>Catalysts</i> , 2018 , 8, 319	4	11
46	Active Fischer-Tropsch synthesis Fe-Cu-K/SiO ₂ catalysts prepared by autocombustion method without a reduction step. <i>Journal of Energy Chemistry</i> , 2018 , 27, 432-438	12	8
45	Production of furan based biofuel with an environmental benign carbon catalyst. <i>Environmental Progress and Sustainable Energy</i> , 2018 , 37, 1455-1461	2.5	2
44	Comparison of catalytic and non-catalytic pyrolysis of ten typical biomass feedstocks to produce aromatics and olefins in a fluidized bed reactor. <i>Environmental Progress and Sustainable Energy</i> , 2018 , 37, 1371-1379	2.5	2
43	Probing the promotional roles of cerium in the structure and performance of Cu/SiO ₂ catalysts for ethanol production. <i>Catalysis Science and Technology</i> , 2018 , 8, 6441-6451	5.5	21
42	Cross-border power trade with Myanmar: barriers and their removal from the Thai perspective. <i>International Journal of Public Policy</i> , 2018 , 14, 30	0.8	
41	Nanocellulose: Extraction and application. <i>Carbon Resources Conversion</i> , 2018 , 1, 32-43	4.7	35 ⁰
40	Improving hydrocarbon yield by two-step pyrolysis of pinewood in a fluidized-bed reactor. <i>Fuel Processing Technology</i> , 2017 , 159, 19-26	7.2	24
39	A facile one-step way for extraction of nanocellulose with high yield by ball milling with ionic liquid. <i>Cellulose</i> , 2017 , 24, 2083-2093	5.5	64
38	Influence of Inorganic Matter in Biomass on the Catalytic Production of Aromatics and Olefins in a Fluidized-Bed Reactor. <i>Energy & Fuels</i> , 2017 , 31, 6120-6131	4.1	8
37	Conversion of cellulose into lactic acid using zirconium oxide catalysts. <i>RSC Advances</i> , 2017 , 7, 18561-18568	5.6	35

36	Highly active and stable Ni supported on CNTs-SiO ₂ fiber catalysts for steam reforming of ethanol. <i>Fuel Processing Technology</i> , 2017 , 160, 185-195	7.2	32
35	Olefin-rich gasoline-range hydrocarbons from oligomerization of bio-syngas over Ni/ASA catalyst. <i>Fuel Processing Technology</i> , 2017 , 167, 702-710	7.2	7
34	Direct synthesis of iso-paraffin fuel from palm oil on mixed heterogeneous acid and base catalysts. <i>Monatshefte Für Chemie</i> , 2017 , 148, 1235-1243	1.4	2
33	Co-production of hydrogen and carbon nanotube-silica fiber composites from ethanol steam reforming over an Ni-silica fiber catalyst. <i>Monatshefte Für Chemie</i> , 2017 , 148, 1311-1321	1.4	5
32	New insights into vegetable oil pyrolysis by cold plasma technique. <i>Energy Procedia</i> , 2017 , 138, 1153-1158	5.3	8
31	Pyrolysis of Palm Oil in a Continuous Flow Microchannel Reactor. <i>Key Engineering Materials</i> , 2017 , 757, 166-170	0.4	
30	Conversion of Cellulose to Lactic Acid by Using ZrO ₂ /Al ₂ O ₃ Catalysts. <i>Catalysts</i> , 2017 , 7, 221	4	19
29	Direct fabrication of catalytically active Fe _x C sites by sol-gel autocombustion for preparing Fischer-Tropsch synthesis catalysts without reduction. <i>Catalysis Science and Technology</i> , 2016 , 6, 7597-7603	5.5	8
28	Bio-Oil Production from Liquid-Phase Pyrolysis of Giant Leucaena Wood. <i>Chemistry and Technology of Fuels and Oils</i> , 2016 , 52, 360-368	0.4	5
27	Highly efficient sulfonic MCM-41 catalyst for furfural production: Furan-based biofuel agent. <i>Fuel</i> , 2016 , 174, 189-196	7.1	57
26	Biodiesel production from Hevea brasiliensis oil using SO ₃ H-MCM-41 catalyst. <i>Journal of Environmental Chemical Engineering</i> , 2016 , 4, 47-55	6.8	25
25	Inorganic-organic hybrid material based on amine-functionalized zeolite Y: A study of catalytic activity in transesterification. <i>Canadian Journal of Chemical Engineering</i> , 2016 , 94, 530-536	2.3	2
24	Green biodiesel production from waste cooking oil using an environmentally benign acid catalyst. <i>Waste Management</i> , 2016 , 52, 367-74	8.6	93
23	Fischer-Tropsch synthesis on impregnated cobalt-based catalysts: New insights into the effect of impregnation solutions and pH value. <i>Journal of Energy Chemistry</i> , 2016 , 25, 994-1000	12	16
22	Tinospora crispa-like ZSM-5/silica fibers synthesized by electrospinning and hydrothermal method. <i>Materials Letters</i> , 2015 , 159, 135-137	3.3	3
21	Cleaner alternative liquid fuels derived from the hydrodesulfurization of waste tire pyrolysis oil. <i>Energy Conversion and Management</i> , 2015 , 95, 424-434	10.6	50
20	LPG Synthesis from Syngas over Cu/ZnO-Pd Catalysts Prepared by Ultrasonic Spray Pyrolysis. <i>Key Engineering Materials</i> , 2015 , 659, 252-256	0.4	
19	Quality improvement of oil palm shell-derived pyrolysis oil via catalytic deoxygenation over NiMoS/Al ₂ O ₃ . <i>Fuel</i> , 2015 , 143, 512-518	7.1	10

18	Effect of preparation methods on activation of cobalt catalyst supported on silica fiber for Fischer-Tropsch synthesis. <i>Chemical Engineering Journal</i> , 2015 , 278, 166-173	14.7	28
17	Pretreatment of rice straw by hot-compressed water for enzymatic saccharification. <i>Korean Journal of Chemical Engineering</i> , 2015 , 32, 2007-2013	2.8	2
16	Polyisoprene modified poly(alkyl acrylate) foam as oil sorbent material. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	12
15	Biodiesel Production from Refined Palm Oil using Supercritical Ethyl Acetate in A Microreactor. <i>Energy Procedia</i> , 2015 , 79, 697-703	2.3	22
14	Preparation of Co/SiO ₂ -Al ₂ O ₃ Fiber Catalyst by Electrospinning for Fischer-Tropsch Synthesis. <i>Key Engineering Materials</i> , 2015 , 659, 221-225	0.4	2
13	Preparation of poly acrylic acid grafted-mesoporous silica as pH responsive releasing material. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 2153-2158	6.3	11
12	Synthesis, biological evaluation and molecular modeling study of novel tacrine-carbazole hybrids as potential multifunctional agents for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2014 , 75, 21-30	6.8	101
11	Production of Bio Oil from Para Rubber Seed Using Pyrolysis Process. <i>Energy Procedia</i> , 2013 , 34, 905-911	2.3	13
10	Photocatalytic Desulfurization of Waste Tire Pyrolysis Oil. <i>Energies</i> , 2011 , 4, 1880-1896	3.1	23
9	Ni/SiO ₂ fiber catalyst prepared by electrospinning technique for glycerol reforming to synthesis gas. <i>Studies in Surface Science and Catalysis</i> , 2010 , 689-693	1.8	7
8	Biodiesel production by methanolysis of soybean oil using calcium supported on mesoporous silica catalyst. <i>Energy Conversion and Management</i> , 2010 , 51, 1428-1431	10.6	83
7	A New Method of Low Temperature Methanol Synthesis. <i>Catalysis Surveys From Asia</i> , 2009 , 13, 147-163	2.8	17
6	A Novel, Low Temperature Synthesis Method of Dimethyl Ether Over Cu/Zn Catalyst Based on Self-Catalysis Effect of Methanol. <i>Topics in Catalysis</i> , 2009 , 52, 1079-1084	2.3	3
5	Continuous Supercritical Low-temperature Methanol Synthesis with n-Butane as a Supercritical Fluid. <i>Chemistry Letters</i> , 2008 , 37, 790-791	1.7	3
4	Highly active Fischer-Tropsch synthesis Co/SiO ₂ catalysts prepared from microwave irradiation. <i>Catalysis Communications</i> , 2007 , 8, 375-378	3.2	15
3	Methanol Synthesis in Inert or Catalytic Supercritical Fluid. <i>Studies in Surface Science and Catalysis</i> , 2007 , 163, 367-378	1.8	
2	Continuous Low-Temperature Methanol Synthesis from Syngas Using Alcohol Promoters. <i>Energy & Fuels</i> , 2003 , 17, 817-821	4.1	43
1	High Catalytic Activity of a Nickel Phosphide Nanocatalyst Supported on Melamine-Doped Activated Carbon for Deoxygenation. <i>Topics in Catalysis</i> , 1	2.3	

