Yuan Xue

List of Publications by Year
in descending order

42 papers	1,546 citations	430874 18 h-index	302126 39 g-index
42 all docs	42 docs citations	42 times ranked	1791 citing authors

#	Article	IF	Citations
1	A review on the pretreatment of lignocellulose for high-value chemicals. Fuel Processing Technology, 2017, 160, 196-206.	7.2	507
2	A review on the operating conditions of producing bio-oil from hydrothermal liquefaction of biomass. International Journal of Energy Research, 2016, 40, 865-877.	4.5	97
3	Carbon-coated Hierarchical Niâ€“Mn Layered Double Hydroxide Nanoarrays on Ni Foam for Flexible High-capacitance Supercapacitors. Electrochimica Acta, 2016, 213, 55-65.	5.2	90
4	Progress on upgrading methods of bio-oil: A review. International Journal of Energy Research, 2017, 41, 1798-1816.	4.5	76
5	Effect of poly-alpha-olefin pour point depressant on cold flow properties of waste cooking oil biodiesel blends. Fuel, 2016, 184, 110-117.	6.4	62
6	Effect of the nano-hybrid pour point depressants on the cold flow properties of diesel fuel. Fuel, 2017, 193, 65-71.	6.4	60
7	Influence of poly (methacrylate-co-maleic anhydride) pour point depressant with various pendants on low-temperature flowability of diesel fuel. Fuel, 2018, 216, 898-907.	6.4	60
8	Novel method of preparing CoFe 2 O 4 /graphene by using steel rolling sludge for supercapacitor. Electrochimica Acta, 2017, 231, 565-574.	5.2	50
9	Synthesis and evaluation of benzyl methacrylate-methacrylate copolymers as pour point depressant in diesel fuel. Fuel, 2019, 255, 115880.	6.4	45
10	A new kind of nanohybrid poly(tetradecyl methyl-acrylate)-graphene oxide as pour point depressant to evaluate the cold flow properties and exhaust gas emissions of diesel fuels. Fuel, 2018, 216, 818-825.	6.4	39
11	Influence of maleic anhydride-co-methyl benzyl acrylate copolymers modified with long-chain fatty amine and long-chain fatty alcohol on the cold flow properties of diesel fuel. Fuel, 2020, 268, 117392.	6.4	39
12	Effects of N-containing pour point depressants on the cold flow properties of diesel fuel. Fuel, 2020, 272, 117666.	6.4	34
13	Ternary blends of biodiesel with petro-diesel and diesel from direct coal liquefaction for improving the cold flow properties of waste cooking oil biodiesel. Fuel, 2016, 177, 46-52.	6.4	28
14	Graphene-Karst Cave Flower-like Niâ€“Mn Layered Double Oxides Nanoarrays with Energy Storage Electrode. Electrochimica Acta, 2016, 220, 36-46.	5.2	28
15	Influence of Methacrylate-benzyl Methacrylate-N-vinyl-2-pyrrolidone as Pour Point Depression on Cold Flow Properties of Diesel Fuel. Energy & Fuels, 2020, 34, 1514-1523.	5.1	26
16	Research on combined-pour point depressant of methacrylate-acrylamide copolymers and ethylene-vinyl acetate copolymers for diesel fuel. Fuel, 2021, 290, 120002.	6.4	26
17	Effect of Pour Point Depressants Combined with Dispersants on the Cold Flow Properties of <scp>Biodieselâ€Diesel</scp> Blends. JAOCS, Journal of the American Oil Chemists' Society, 2021, 98, 163-172.	1.9	23
18	Comprehensive study of structure model, pyrolysis and liquefaction behaviour of Heidaigou lignite and its liquefied oil. Fuel, 2019, 240, 84-91.	6.4	20

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19	Chemical structural characteristics of high inertinite coal. Fuel, 2021, 286, 119283.	6.4	19
20	Influence of polar groups on the depressive effects of polymethacrylate polymers as cold flow improvers for diesel fuel. Fuel, 2021, 290, 120035.	6.4	19
21	Study on the performance mechanism of methacrylate pour point depressant in soybean biodiesel blends. RSC Advances, 2015, 5, 90144-90149.	3.6	15
22	Improving the cold flow properties of high-proportional waste cooking oil biodiesel blends with mixed cold flow improvers. RSC Advances, 2016, 6, 13365-13370.	3.6	15
23	The pyrolysis of vitrinite and inertinite by a combination of quantum chemistry calculation and thermogravimetry-mass spectrometry. Fuel, 2020, 264, 116794.	6.4	15
24	Effect of nanocomposite as pour point depressant on the cold flow properties and crystallization behavior of diesel fuel. Chinese Chemical Letters, 2022, 33, 2677-2680.	9.0	15
25	Influence of Tetradecyl Methacrylate-<i>N</i>-Î±-methacrylamide Copolymers as Pour Point Depressants on the Cold Flow Property of Diesel Fuel. Energy & Fuels, 2020, 34, 11976-11986.	5.1	14
26	Structure regulation and influence of comb copolymers as pour point depressants on low temperature fluidity of diesel fuel. Energy, 2022, 254, 124438.	8.8	14
27	Tetradecyl methacrylate-N-methylolacrylamide Copolymer: A low concentration and high-efficiency pour point depressant for diesel. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 642, 128672.	4.7	13
28	Reaction conditions of ultrasound-assisted production of biodiesel: A review. International Journal of Energy Research, 2017, 41, 1081-1095.	4.5	12
29	Factors affecting the cold flow properties of biodiesel: Fatty acid esters. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 516-522.	2.3	12
30	The influence of polymethyl acrylate as a pour point depressant for biodiesel. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2017, 39, 17-22.	2.3	11
31	Influence of alkyl methacrylate-maleic anhydride-1-hexadecene terpolymers and their mixtures with ethylene-vinyl acetate as pour point depressants in diesel fuel. Petroleum Science and Technology, 2019, 37, 2010-2017.	1.5	11
32	Synthesis and evaluation of alkyl methacrylate-norbornene anhydride copolymers with various pendants as pour point depressants for soybean biodiesel-diesel blends. Fuel, 2022, 317, 123542.	6.4	10
33	Effect of methacrylate-methacrylamide copolymers with various polar pendants on the cold flow properties of diesel fuels. Fuel, 2022, 315, 123112.	6.4	9
34	Study on the structural differences between Heidaigou long flame coal and its vitrinite. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019, 41, 78-85.	2.3	6
35	Regeneration of used rolling oils via the PVDF membrane processes. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019, 41, 3103-3111.	2.3	5
36	Effects of the chemical structure of surfactants on the stability of naphthenic oil-based metalworking fluids. Chinese Chemical Letters, 2020, 31, 345-348.	9.0	5

#	Article	IF	Citations
37	Effect of methyl acetoacetate as a potential cold flow improver for biodiesel. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2017, 39, 97-102.	2.3	4
38	Performance improvement of the benzyl methacrylate-methacrylate copolymers pour point depressant by hybrid with nano-silica for diesel fuels. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-9.	2.3	4
39	Methylcyclohexyl methacrylateâ€"methacrylate copolymers: an effective cold flow improver for the biodiesel blends. Research on Chemical Intermediates, 2022, 48, 2665-2681.	2.7	4
40	Ionic-liquid-assisted synthesis of nitrogen-doped porous carbon for high-performance supercapacitors. Journal of Alloys and Compounds, 2019, 806, 1542-1549.	5.5	3
41	Improving the cold flow properties of biodiesel from waste cooking oil by ternary blending with bioâ€based alcohols and diesel from direct coal liquefaction. JAOCS, Journal of the American Oil Chemists' Society, 2021, 98, 943-954.	1.9	1
42	Decolorization and regeneration of waste lubricating oil by a CNTs/PDMS/PVDF membrane. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-10.	2.3	0