

Hazlina Husin

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

453
citations

759233

12
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

420
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on Corrosion Inhibitors for Oil and Gas Corrosion Issues. Applied Sciences (Switzerland), 2020, 10, 3389.	2.5	102
2	The Rheology of Light Crude Oil and Water-In-Oil-Emulsion. Procedia Engineering, 2016, 148, 1149-1155.	1.2	68
3	Wax Formation Mechanisms, Wax Chemical Inhibitors and Factors Affecting Chemical Inhibition. Applied Sciences (Switzerland), 2020, 10, 479.	2.5	52
4	Experimental study on the use of surfactant as a fracking fluid additive for improving shale gas productivity. Journal of Petroleum Science and Engineering, 2019, 183, 106426.	4.2	34
5	Influence of Graphene Nanoplatelet and Silver Nanoparticle on the Rheological Properties of WaterBased Mud €. Applied Sciences (Switzerland), 2018, 8, 1386.	2.5	23
6	Optimization of Cerbera manghas Biodiesel Production Using Artificial Neural Networks Integrated with Ant Colony Optimization. Energies, 2019, 12, 3811.	3.1	22
7	Synthesis and evaluation of Jatropha oil-based emulsified acids for matrix acidizing of carbonate rocks. Journal of Petroleum Exploration and Production, 2019, 9, 1119-1133.	2.4	18
8	The effect of synergistic amino acids-ionic liquids in methane hydrate inhibition by COSMO-RS application. Journal of Molecular Liquids, 2021, 321, 114837.	4.9	15
9	Production Process and Optimization of Solid Bioethanol from Empty Fruit Bunches of Palm Oil Using Response Surface Methodology. Processes, 2019, 7, 715.	2.8	14
10	Effects of Crude Palm Oil and Crude Palm Kernel Oil Upon Wax Inhibition. ACS Omega, 2020, 5, 19342-19349.	3.5	14
11	Review on Application of Quaternary Ammonium Salts for Gas Hydrate Inhibition. Applied Sciences (Switzerland), 2020, 10, 1011.	2.5	14
12	Beyond fracking: Enhancement of shale gas desorption via surface tension reduction and wettability alteration. Journal of Natural Gas Science and Engineering, 2018, 57, 322-330.	4.4	13
13	Surface force arising from adsorbed graphene oxide in alumina suspensions with different shape and size. AIChE Journal, 2013, 59, 3633-3641.	3.6	10
14	The effects of benzoic acid compounds in γ -Al ₂ O ₃ dispersions: Additional attractive forces of particle bridging and precipitate bridging. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 402, 159-167.	4.7	9
15	The influence of palm oil additives on the pour point and wax deposition tendencies of Chenor crude oil. Journal of Petroleum Exploration and Production, 2022, 12, 589-599.	2.4	9
16	Molecular attributes of an effective steric agent: Yield stress of dispersions in the presence of pure enantiomeric and racemate malic acids. Advanced Powder Technology, 2012, 23, 459-464.	4.1	8
17	An Overview of Wax Crystallization, Deposition Mechanism and Effect of Temperature & Shear. , 2016, , .		8
18	The rheological behavior of crude oil in the presence of palm oil additives. Journal of Petroleum Exploration and Production, 2021, 11, 2833-2843.	2.4	8

#	ARTICLE	IF	CITATIONS
19	Effect of hydrate anti-agglomerants on water-in-crude oil emulsion stability. Journal of Petroleum Exploration and Production, 2020, 10, 139-148.	2.4	4
20	A critical review on the development of wax inhibiting agent in facilitating remediation process of contaminated groundwater. Environmental Science and Pollution Research, 2022, 29, 51030-51040.	5.3	3
21	Emulsion Breakage Mechanism Using Pressurized Carbon Dioxide. Energy & Fuels, 2019, 33, 4939-4945.	5.1	2
22	Correlation between rate of deposition and temperature of asphaltene particles. Materials Today: Proceedings, 2018, 5, 22128-22136.	1.8	1
23	Evaluation of Asphaltenes Deposition Inhibition Factors in Heavy Crude Oil Pipelines. , 0, , .		1
24	Quantification method of suspended solids in micromodel using image analysis. Journal of Petroleum Exploration and Production, 2021, 11, 2271-2286.	2.4	1