

Seyed Mehdi Alizadeh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9891653/publications.pdf>

Version: 2024-02-01

13
papers

179
citations

1307594

7
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

58
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Neural Network and Time-Domain Feature Extraction Techniques for Determining Volumetric Percentages and the Type of Two Phase Flow Regimes Independent of Scale Layer Thickness. Applied Sciences (Switzerland), 2022, 12, 1336.	2.5	44
2	Applying Data Mining and Artificial Intelligence Techniques for High Precision Measuring of the Two-Phase Flow's Characteristics Independent of the Pipe's Scale Layer. Electronics (Switzerland), 2022, 11, 459.	3.1	16
3	Extraction of Time-Domain Characteristics and Selection of Effective Features Using Correlation Analysis to Increase the Accuracy of Petroleum Fluid Monitoring Systems. Energies, 2022, 15, 1986.	3.1	27
4	Introducing a Precise System for Determining Volume Percentages Independent of Scale Thickness and Type of Flow Regime. Mathematics, 2022, 10, 1770.	2.2	18
5	Increasing the Efficiency of a Control System for Detecting the Type and Amount of Oil Product Passing through Pipelines Based on Gamma-Ray Attenuation, Time Domain Feature Extraction, and Artificial Neural Networks. Polymers, 2022, 14, 2852.	4.5	5
6	Smart tracking of the influence of alumina nanoparticles on the thermal coefficient of nanosuspensions: application of LS-SVM methodology. Applied Nanoscience (Switzerland), 2021, 11, 2113-2128.	3.1	28
7	Estimation of Isentropic Compressibility of Biodiesel Using ELM Strategy: Application in Biofuel Production Processes. BioMed Research International, 2021, 2021, 1-7.	1.9	3
8	The computational study of moisture effect on mechanical behavior of baghdadite matrix via molecular dynamics approach. Journal of Materials Research and Technology, 2021, 15, 2828-2836.	5.8	5
9	A laboratory approach on the improvement of oil recovery and carbon dioxide storage capacity improvement by cyclic carbon dioxide injection. Energy Reports, 2021, 7, 1571-1580.	5.1	6
10	Simultaneous injection of chemical agents and carbon dioxide to enhance the sweep efficiency from fractured tight core samples. Energy Reports, 2021, 7, 5639-5646.	5.1	4
11	A Laboratory Approach to Measure Enhanced Gas Recovery from a Tight Gas Reservoir during Supercritical Carbon Dioxide Injection. Sustainability, 2021, 13, 11606.	3.2	11
12	Optimization of X-ray Tube Voltage to Improve the Precision of Two Phase Flow Meters Used in Petroleum Industry. Sustainability, 2021, 13, 13622.	3.2	10
13	Investigation of Time-Domain Feature Selection and GMDH Neural Network Application for Determination of Volume Percentages in X-Ray-Based Two-Phase Flow Meters. Mapan - Journal of Metrology Society of India, 0, , .	1.5	1