# Seyed Mehdi Alizadeh

List of Publications by Year
in descending order

| | | 1307594 | 1199594 |
|:---:|:---:|:---:|:---:|
| **13**<br>papers | **179**<br>citations | **7**<br>h-index | **12**<br>g-index |
| **14**<br>all docs | **14**<br>docs citations | **14**<br>times ranked | **58**<br>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 | 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 |
| 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 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Estimation of Isentropic Compressibility of Biodiesel Using ELM Strategy: Application in Biofuel Production Processes. BioMed Research International, 2021, 2021, 1-7. | 1.9 | 3 |
| 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 |