

Abbas H Hasan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

106
citations

1306789

7
h-index

1372195

10
g-index

12
all docs

12
docs citations

12
times ranked

77
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental study on the effect of gas injection configuration on flow characteristics in high viscosity oil columns. Canadian Journal of Chemical Engineering, 2022, 100, 3015-3029.	0.9	4
2	Small Bubbles Formation and Contribution to the Overall Gas Holdup in Large Diameter Columns of Very High Viscosity Oil. International Journal of Multiphase Flow, 2022, , 104104.	1.6	0
3	Theoretical study and experimental measurement of the gas liquid two-phase flow through a vertical Venturi meter. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 1567-1584.	1.1	6
4	Experimental study of the three-dimensional interfacial wave structure of freely falling liquid film in a vertical large pipe diameter. Chemical Engineering Research and Design, 2021, 169, 66-76.	2.7	7
5	Vertical upward and downward churn flow: Similarities and differences. Journal of Natural Gas Science and Engineering, 2020, 73, 103080.	2.1	14
6	Experimental Investigation of the Vertical Upward Single- and Two-Phase Flow Pressure Drops Through Gate and Ball Valves. Journal of Fluids Engineering, Transactions of the ASME, 2020, 142, .	0.8	11
7	Dynamics of flow transitions from bubbly to churn flow in high viscosity oils and large diameter columns. International Journal of Multiphase Flow, 2019, 120, 103095.	1.6	7
8	Gas rising through a large diameter column of very viscous liquid: Flow patterns and their dynamic characteristics. International Journal of Multiphase Flow, 2019, 116, 1-14.	1.6	9
9	Behavior and pressure drop of an upwardly two-phase flow through multi-hole orifices. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 3281-3299.	1.1	7
10	Experimental investigation of a vertically downward two-phase air-water slug flow. Journal of Petroleum Science and Engineering, 2018, 162, 12-21.	2.1	18
11	Churn flow in high viscosity oils and large diameter columns. International Journal of Multiphase Flow, 2018, 100, 16-29.	1.6	10
12	Experimental study of the characteristics of an upward two-phase slug flow in a vertical pipe. Progress in Nuclear Energy, 2018, 108, 428-437.	1.3	13