

# Joseph Ribeiro

## List of Publications by Year in descending order

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15  
papers

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citations

1478505

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h-index

1474206

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docs citations

15  
times ranked

91  
citing authors

#	ARTICLE	IF	CITATIONS
1	Friction pressure drop model of gas-liquid two-phase flow in an inclined pipe with high gas and liquid velocities. AIP Advances, 2019, 9, .	1.3	15
2	Predicting the rheological properties of waste vegetable oil biodiesel-modified water-based mud using artificial neural network. Geosystem Engineering, 2019, 22, 101-111.	1.4	10
3	An assessment of gas void fraction prediction models in highly viscous liquid and gas two-phase vertical flows. Journal of Natural Gas Science and Engineering, 2020, 76, 103107.	4.4	10
4	Slug Translational Velocity for Highly Viscous Oil and Gas Flows in Horizontal Pipes. Fluids, 2019, 4, 170.	1.7	9
5	Evaluating the thermal effect on the rheological properties of waste vegetable oil biodiesel modified bentonite drilling muds using Vipulanandan model. High Temperatures - High Pressures, 2020, 48, 207-232.	0.3	9
6	A New Model for Predicting Slug Flow Liquid Holdup in Vertical Pipes with Different Viscosities. Arabian Journal for Science and Engineering, 2020, 45, 7741-7750.	3.0	7
7	Experimental study of horizontal two- and three-phase flow characteristics at low to medium liquid loading conditions. Heat and Mass Transfer, 2019, 55, 2809-2830.	2.1	4
8	Upward interfacial friction factor in gas and high-viscosity liquid flows in vertical pipes. Chemical Engineering Communications, 2020, 207, 1234-1263.	2.6	4
9	Characteristics of horizontal gas-liquid two-phase flow measurement in a medium-sized pipe using gamma densitometry. Scientific African, 2020, 10, e00550.	1.5	4
10	Market waste composition analysis and resource recovery potential in Kumasi, Ghana. Journal of the Air and Waste Management Association, 2021, 71, 1529-1544.	1.9	4
11	Status, challenges and prospects of food processing equipment fabricators in Ghana. Scientific African, 2021, 12, e00843.	1.5	3
12	A Two-Fluid Model for High-Viscosity Upward Annular Flow in Vertical Pipes. Energies, 2021, 14, 3485.	3.1	2
13	A New Model for Prediction of Liquid Holdup in Two-Phase Flow under Higher Gas and Liquid Velocities. Scientia Iranica, 2018, .	0.4	2
14	EFFECT OF CORNCOB CELLULOSE NANOPARTICLES ON SILICATE-BASED MUD AT HIGH TEMPERATURE. Cellulose Chemistry and Technology, 2020, 54, 39-51.	1.2	2
15	A Pressure-Drop Model for Oil-Gas Two-Phase Flow in Horizontal Pipes. Fluid Dynamics and Materials Processing, 2021, 17, 371-383.	0.7	1