

Supersonic refrigeration performances of nozzles and p wet natural gas considering shock wave effects

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Citation Report

#	ARTICLE	IF	CITATIONS
1	INTEGRATION OF THE NUMERICAL SOLUTION MODULE OF THE KINETIC EQUATION INTO THE CFD PACKAGE FOR THE VOLUME CONDENSATION PROBLEM OF THE VAPOR-GAS MIXTURE FLOW THROUGH A NOZZLE. Vestnik Dagestanskogo Gosudarstvennogo TehniĀeskogo Universiteta: TehniĀeskie Nauki, 2021, 48, 65-75.	0.1	2
2	A novel method overcomeing overfitting of artificial neural network for accurate prediction: Application on thermophysical property of natural gas. Case Studies in Thermal Engineering, 2021, 28, 101406.	5.7	14
3	A Critical Analysis of Natural Gas Liquefaction Technology. Fluid Dynamics and Materials Processing, 2022, 18, 145-158.	0.7	2
4	Molecular dynamics simulation of the transport properties and condensation mechanism of carbon dioxide. Journal of Natural Gas Science and Engineering, 2022, 105, 104692.	4.4	4
5	Experimental study on the non-equilibrium condensation of a liquid film after shock wave in a vertical diaphragmless shock tube. Flow Measurement and Instrumentation, 2022, 88, 102235.	2.0	1
6	Combination of genetic algorithm and CFD modelling to develop a new model for reliable prediction of normal shock wave in supersonic flows contributing to carbon capture. Separation and Purification Technology, 2022, , 122878.	7.9	1
7	Effects of energy conversion under shock wave on the effective liquefaction efficiency in the nozzle during natural gas dehydration. Energy, 2023, 283, 129030.	8.8	1
8	New Design Method of a Supersonic Steam Injection Nozzle and Its Numerical Simulation Verification. ACS Omega, 2023, 8, 44485-44496.	3.5	0
9	A review of gas-liquid separation technologies: Separation mechanism, application scope, research status, and development prospects. Chemical Engineering Research and Design, 2024, 201, 257-274.	5.6	1
10	Supersonic separation technology for natural gas dehydration in liquefied natural gas plants. , 2024, , 163-190.		0