

Optimization design of steam ejector primary nozzle fo

Desalination

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Steam ejector performance considering phase transition for multi-effect distillation with thermal vapour compression (MED-TVC) desalination system. Applied Energy, 2020, 279, 115831.	10.1	31
2	Performance of steam ejector with nonequilibrium condensation for multi-effect distillation with thermal vapour compression (MED-TVC) seawater desalination system. Desalination, 2020, 489, 114531.	8.2	41
3	Study on fundamental link between mixing efficiency and entrainment performance of a steam ejector. Energy, 2021, 215, 119128.	8.8	22
4	Energy Efficient Seawater Desalination: Strategies and Opportunities. Energy Technology, 2021, 9, 2100008.	3.8	8
5	Performance improvement of ejector refrigerator-based water chiller working with different mixing chamber profiles. AEJ - Alexandria Engineering Journal, 2021, 60, 3693-3707.	6.4	7
6	Effects of surface roughness and temperature on non-equilibrium condensation and entrainment performance in a desalination-oriented steam ejector. Applied Thermal Engineering, 2021, 196, 117264.	6.0	17
7	Experimental investigation of a double-slider adjustable ejector under off-design conditions. Applied Thermal Engineering, 2021, 196, 117343.	6.0	6
8	Numerical investigation of the nozzle expansion state and its effect on the performance of the steam ejector based on ideal gas model. Applied Thermal Engineering, 2021, 199, 117509.	6.0	17
9	Simulation investigation on performance of a power-water cogeneration system coupled with a two-stage thermal vapor compressor. Case Studies in Thermal Engineering, 2021, 28, 101435.	5.7	1
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12	Study on evolution laws of two-phase choking flow and entrainment performance of steam ejector oriented towards MED-TVC desalination system. Energy, 2022, 242, 122967.	8.8	9
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15	Geometry dimension optimization of a liquid-gas vacuum ejector for MED-TVC system. Applied Thermal Engineering, 2022, 214, 118907.	6.0	4
16	Numerical study on the effect of superheat on the steam ejector internal flow and entropy generation for MED-TVC desalination system. Desalination, 2022, 537, 115874.	8.2	7
17	A comprehensive studies on constant area mixing (CAM) and constant pressure mixing (CPM) Ejectors: A review. Materials Today: Proceedings, 2022, 69, 513-518.	1.8	6
18	Optimization Design and Performance Evaluation of R1234yf Ejectors for Ejector-Based Refrigeration Systems. Entropy, 2022, 24, 1632.	2.2	3

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19	An extended mechanism model of gaseous ejectors. <i>Energy</i> , 2023, 264, 126094.	8.8	3
20	High performance ejector enhanced by heat exchanger in solid oxide fuel cell anode recirculation system. <i>Applied Thermal Engineering</i> , 2023, 221, 119856.	6.0	2
21	Design and Investigation of a Dynamic Auto-Adjusting Ejector for the MED-TVC Desalination System Driven by Solar Energy. <i>Entropy</i> , 2022, 24, 1815.	2.2	1
22	Experimental investigation on the performance of a novel resonance-assisted ejector under low pressurization. <i>Energy Conversion and Management</i> , 2023, 280, 116778.	9.2	3
23	Study on compound parabolic concentrating vaporized desalination system with preheating and heat recovery. <i>Energy</i> , 2023, 276, 127619.	8.8	6
24	Parametric investigation and performance optimization of a MED-TVC desalination system based on 1-D ejector modeling. <i>Energy Conversion and Management</i> , 2023, 288, 117131.	9.2	10
25	Working condition expansion and performance optimization of two-stage ejector based on optimal switching strategy. <i>Energy</i> , 2023, 282, 128376.	8.8	3
26	Analysis of the internal flow features of a CO ₂ transonic nozzle and optimization of the nozzle shape profile. <i>Applied Thermal Engineering</i> , 2024, 238, 121945.	6.0	0
27	Performance enhancement of compound parabolic concentrating vaporized desalination system by spraying and steam heat recovery. <i>Renewable Energy</i> , 2024, 220, 119709.	8.9	0
28	Thermo-economic evaluation of a solar desalination equipped with Phase change material and spraying unit. <i>Desalination</i> , 2023, , 117197.	8.2	0
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