

ISSN0040-6015

THERMAL ENGINEERING

Pleiades
Publishing Group

Over
50 years
in the service of
science and education

Editor-in-Chief
Aleksey V. Dedov

<https://pleiades.online>
<https://link.springer.com>



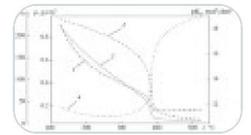
PLEIADES GROUP OF COMPANIES

Distributed by **SPRINGER NATURE**



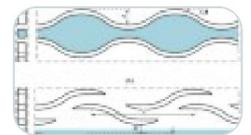
6 articles in this issue

Neutralization of Effluent Water and Dangerous Waste in Supercritical Water-Oxygen Fluid (Review)



ENVIRONMENT PROTECTION | 11 March 2026 | Pages: 1 - 13

Numerical and Experimental Study of Thermal-Hydraulic Processes in the Convergent-Divergent Channels of Plate Heat Exchangers with Etched Channels



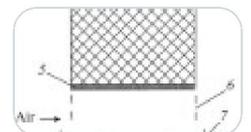
HEAT AND MASS TRANSFER AND PROPERTIES OF WORKING FLUIDS AND MATERIALS |
11 March 2026 | Pages: 14 - 29

Studying the Vortex Heat Transfer Enhancement during Turbulent Air Flow over a Plate with a Limited Package of Inclined Oval-Trench Dimples Using Numerical Modeling and Gradient Heatmetry



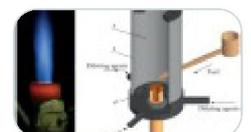
HEAT AND MASS TRANSFER AND PROPERTIES OF WORKING FLUIDS AND MATERIALS |
11 March 2026 | Pages: 30 - 43

Thermal-Hydraulic Characteristics of Mini Cooling Towers Equipped with Regular Film Contacting Devices



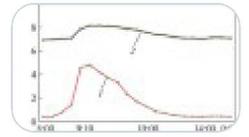
HEAT AND MASS TRANSFER AND PROPERTIES OF WORKING FLUIDS AND MATERIALS |
11 March 2026 | Pages: 44 - 51

Energy and Environmental Combustion Efficiency of Steam-Atomized Liquid Fuel with Controlled Blast Dilution



STEAM BOILERS, POWER PLANT FUEL, BURNERS AND BOILER AUXILIARY EQUIPMENT |
11 March 2026 | Pages: 52 - 61

Monitoring and Control of Water Chemistry in the Power Unit Turbine Generator Water Cooling System



WATER TREATMENT AND WATER CHEMISTRY | 11 March 2026 | Pages: 62 - 70
