

Milica Ilic

List of Publications by Year in descending order

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10
papers

166
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

137
citing authors

#	ARTICLE	IF	CITATIONS
1	Upgrade of the thermal power plant flexibility by the steam accumulator. Energy Conversion and Management, 2020, 223, 113271.	9.2	34
2	Efficiency and power upgrade at the aged lignite-fired power plant by flue gas waste heat utilization: High pressure versus low pressure economizer installation. Energy, 2019, 187, 115980.	8.8	23
3	Thermal-hydraulics of helium cooled First Wall channels and scoping investigations on performance improvement by application of ribs and mixing devices. Fusion Engineering and Design, 2016, 109-111, 1123-1129.	1.9	20
4	Primary control reserve of electric power by feedwater flow rate change through an additional economizer – A case study of the thermal power plant “Nikola Tesla”. Energy, 2018, 147, 782-798.	8.8	18
5	Boiling heat transfer modelling: A review and future prospectus. Thermal Science, 2019, 23, 87-107.	1.1	18
6	New insights into physics of explosive water boiling derived from molecular dynamics simulations. International Journal of Heat and Mass Transfer, 2021, 172, 121141.	4.8	15
7	A Heat Conduction and Convection Analytical Benchmark for Adjoint Solution Verification of Computational Fluid Dynamics Codes Used in Reactor Design. Nuclear Science and Engineering, 2016, 182, 452-480.	1.1	12
8	Balance of Liquid-phase Turbulence Kinetic Energy Equation for Bubble-train Flow. Journal of Nuclear Science and Technology, 2004, 41, 331-338.	1.3	11
9	Second-Order Adjoint Sensitivity and Uncertainty Analysis of a Heat Transport Benchmark Problem – II: Computational Results Using G4M Reactor Thermal-Hydraulic Parameters. Nuclear Science and Engineering, 2016, 183, 22-38.	1.1	11
10	HETRA experiment for investigation of heat removal from the first wall of helium-cooled-pebble-bed test blanket module. Fusion Engineering and Design, 2011, 86, 2250-2253.	1.9	4