

Milorad B Dzodzo

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

176
citations

1307594

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1281871

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22
all docs

22
docs citations

22
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	Laminar natural convection in a fully partitioned enclosure containing fluid with nonlinear thermophysical properties. International Journal of Heat and Fluid Flow, 1999, 20, 614-623.	2.4	37
2	Effects of the Feedline and the Hydrostatic Pocket Depth on the Flow Pattern and Pressure Distribution. Journal of Tribology, 1995, 117, 224-232.	1.9	29
3	CFD analysis of PWR core top and reactor vessel upper plenum internal subdomain models. Nuclear Engineering and Design, 2011, 241, 4181-4193.	1.7	17
4	Benchmarking Computational Fluid Dynamics for Application to PWR Fuel. , 2002, , 823.		16
5	The SPES3 Experimental Facility Design for the IRIS Reactor Simulation. Science and Technology of Nuclear Installations, 2009, 2009, 1-12.	0.8	15
6	Effects of Hydrostatic Pocket Shape on the Flow Pattern and Pressure Distribution. International Journal of Rotating Machinery, 1995, 1, 225-235.	0.8	13
7	Pressure and flow characteristics in a shallow hydrostatic pocket with rounded pocket/land joints. Tribology International, 1996, 29, 69-76.	5.9	10
8	Two-dimensional dynamic simulation of a continuous foil bearing. Tribology International, 1996, 29, 61-68.	5.9	9
9	SPES3 Facility RELAP5 Sensitivity Analyses on the Containment System for Design Review. Science and Technology of Nuclear Installations, 2012, 2012, 1-19.	0.8	7
10	Study of impact of the AP1000® reactor vessel upper internals design on fuel performance. Nuclear Engineering and Design, 2012, 252, 128-134.	1.7	7
11	Application of Fractional Scaling Analysis for Development and Design of Integral Effects Test Facility. Journal of Nuclear Engineering and Radiation Science, 2019, 5, .	0.4	5
12	Scaling analysis and relation to EMDAP and BEPU. Nuclear Engineering and Design, 2019, 353, 110228.	1.7	3
13	Application of CFD for Modeling Flows in Feed-Water Pipelines. , 2006, , 293.		2
14	A three dimensional model for a hydrostatic bearing. , 1996, , .		1
15	Two and Three-Dimensional Simulations of Enhanced Heat Transfer in Nuclear Fuel Rod Bundles. , 2009, , .		1
16	Two-Phase Flow Measurement Studies for the SPES3 Integral Test Facility for IRIS Reactor Simulation. , 2010, , .		1
17	CFD Analysis of PWR Core Top Region: Top Fuel Assembly and Top Nozzle Regions. , 2010, , .		1
18	CFD Analysis of PWR Reactor Vessel Upper Plenum Sections: Flow Simulation in Control Rods Guide Tubes. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
19	Natural Convection in Cubic and Rhomb-Shaped Enclosures. , 2013, , .		1
20	<title>Qualitative and quantitative nonintrusive study of flow patterns, velocities and pressure effects in banks of cylindrical tubes in a rectangular tunnel</title>. , 1993, , .		0
21	Comparison of CFD Model Velocity Profiles to Test Data for Inlet Nozzle Region of Nuclear PWR Fuel Assemblies. , 2006, , 165.		0
22	Examples of Decompositions for Time and Space Domains and Discretization of Equations for General Purpose Computational Fluid Dynamics Programs and Historical Perspective of Some Key Developments. , 2020, , 119-154.		0