

Krishna Podila

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

201
citations

1307594

7
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

121
citing authors

#	ARTICLE	IF	CITATIONS
1	CFD modelling of turbulent flows through 5 Å– 5 fuel rod bundles with spacer-grids. Annals of Nuclear Energy, 2016, 97, 86-95.	1.8	40
2	A CFD simulation of 5Å–5 rod bundles with split-type spacers. Progress in Nuclear Energy, 2014, 70, 167-175.	2.9	34
3	CFD analysis of flow and heat transfer in Canadian supercritical water reactor bundle. Annals of Nuclear Energy, 2015, 75, 1-10.	1.8	28
4	CFD modelling of supercritical water flow and heat transfer in a 2 Å– 2 fuel rod bundle. Nuclear Engineering and Design, 2016, 301, 279-289.	1.7	27
5	Assessment of CFD for the Canadian SCWR bundle with wire wraps. Progress in Nuclear Energy, 2014, 77, 373-380.	2.9	18
6	CFD simulation of gas-liquid contacting in tubular reactors. Chemical Engineering Science, 2007, 62, 7151-7162.	3.8	16
7	CFD simulation of heated tight-lattice rod bundles for an IAEA benchmark. Progress in Nuclear Energy, 2018, 108, 222-232.	2.9	10
8	Assessment of Computational Tools in Support of Heat-Transfer Correlation Development for Fuel Assembly of Canadian Supercritical Water-Cooled Reactor. Journal of Nuclear Engineering and Radiation Science, 2016, 2, .	0.4	6
9	Assessment of CFD for unheated gas-liquid flows with high void fraction. Nuclear Engineering and Design, 2019, 341, 346-359.	1.7	6
10	CFD Simulations of Molten Salt Reactor Experiment Core. Nuclear Science and Engineering, 2019, 193, 1379-1393.	1.1	5
11	Summary on the Results of Two Computational Fluid Dynamic Benchmarks of Tube and Different Channel Geometries. Journal of Nuclear Engineering and Radiation Science, 2018, 4, .	0.4	4
12	Assessment of subchannel code ASSERT-PV for supercritical applications. Journal of Supercritical Fluids, 2016, 117, 164-171.	3.2	3
13	Computational Fluid Dynamic Simulations of Heat Transfer From a 2 Å–2 Wire-Wrapped Fuel Rod Bundle to Supercritical Pressure Water. Journal of Nuclear Engineering and Radiation Science, 2018, 4, .	0.4	2
14	CFD simulation of corium flow through an end fitting of a pressurised heavy water reactor. Nuclear Engineering and Design, 2020, 369, 110850.	1.7	2