

Akansha Kumar

List of Publications by Year in descending order

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9
papers

85
citations

1937685
4
h-index

1872680
6
g-index

9
all docs

9
docs citations

9
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	Power Management and Distribution System for a Mars Surface Fission Power Reactor. Journal of Nuclear Engineering and Radiation Science, 2018, 4, .	0.4	0
2	Mass Optimization of a Supercritical CO2 Brayton Cycle Power Conversion System for a Mars Surface Fission Power Reactor. Journal of Nuclear Engineering and Radiation Science, 2017, 3, .	0.4	3
3	Neutronics and thermal hydraulics analysis of a low-enriched uranium cermet fuel core for a Mars surface power reactor. Annals of Nuclear Energy, 2016, 96, 307-312.	1.8	12
4	A new approach to nuclear reactor design optimization using genetic algorithms and regression analysis. Annals of Nuclear Energy, 2015, 85, 27-35.	1.8	38
5	A new indirect measure of diffusion model error. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 163, 24-33.	2.3	0
6	Optimization of Uâ€“Th fuel in heavy water moderated thermal breeder reactors using multivariate regression analysis and genetic algorithms. Annals of Nuclear Energy, 2015, 85, 885-892.	1.8	1
7	Linear regression and sensitivity analysis in nuclear reactor design. Annals of Nuclear Energy, 2015, 85, 798-811.	1.8	0
8	Analysis of a sustainable gas cooled fast breeder reactor concept. Annals of Nuclear Energy, 2014, 69, 252-259.	1.8	5
9	Properties of the implicitly time-differenced equations of thermal radiation transport. Journal of Computational Physics, 2013, 238, 82-96.	3.8	26