

Necmettin Aahin

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

220
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of heat transfer enhancement in a new type heat exchanger using solar parabolic trough systems. International Journal of Hydrogen Energy, 2015, 40, 15254-15266.	7.1	57
2	Neutronic performance of proliferation hardened thorium fusion breeders. Fusion Engineering and Design, 2001, 54, 63-77.	1.9	41
3	Investigation of neutronic potential of a moderated (Dâ€‘T) fusion driven hybrid reactor fueled with thorium to breed fissile fuel for LWRs. Energy Conversion and Management, 2000, 41, 435-447.	9.2	30
4	Increased fuel burn up in a CANDU thorium reactor using weapon grade plutonium. Nuclear Engineering and Design, 2006, 236, 1778-1788.	1.7	29
5	CANDU reactor as minor actinide/thorium burner with uniform power density in the fuel bundle. Annals of Nuclear Energy, 2008, 35, 690-703.	1.8	23
6	Investigation of tritium breeding ratio using different coolant material in a fusionâ€‘fission hybrid reactor. International Journal of Hydrogen Energy, 2016, 41, 7069-7075.	7.1	16
7	Minor actinide burning in a CANDU thorium reactor. Kerntechnik, 2006, 71, 247-257.	0.2	14
8	Neutronic performance of CANDU reactor fuelling with ThC2/233UC2. International Journal of Energy Research, 2011, 35, 103-111.	4.5	3
9	SOKAK AYDINLATMALARINDA KULLANILACAK YÃœKSEK GÃœZLÃœKLE LED'LERİN TERMAL PERFORMANSININ SAYISAL VE DENEYSEL OLARAK İNCELENMESİ. MÃ¼hendislik Bilimleri Ve Tasarım Dergisi, 2020, 8, 185-197.	0.3	3
10	Exergy analysis of Eregli sugar factory. World Journal of Engineering, 2015, 12, 463-470.	1.6	2
11	The effect of polyurethane and carnauba wax on the mechanical and physicochemical properties of acrylonitrile butadiene nitrile rubber coating working gloves. Journal of Elastomers and Plastics, 2019, 51, 36-51.	1.5	2