

Hakan Ozturk

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

68
citations

1937685
4
h-index

1872680
6
g-index

8
all docs

8
docs citations

8
times ranked

14
citing authors

#	ARTICLE	IF	CITATIONS
1	TN approximation to neutron transport equation and application to critical slab problem. Journal of Quantitative Spectroscopy and Radiative Transfer, 2006, 101, 129-134.	2.3	36
2	TN method for the critical thickness of one-speed neutrons in a slab with forward and backward scattering. Journal of Quantitative Spectroscopy and Radiative Transfer, 2007, 105, 211-216.	2.3	16
3	TN approximation on the critical size of time-dependent, one-speed and one-dimensional neutron transport problem with anisotropic scattering. Annals of Nuclear Energy, 2009, 36, 575-582.	1.8	5
4	The effect of strongly anisotropic scattering on the critical size of a slab in one-speed neutron transport theory: Modified UN method. Annals of Nuclear Energy, 2014, 65, 24-29.	1.8	5
5	Alternative scattering kernels for the first estimates of a reactor: diffusion length. Nuclear Science and Techniques/Hewuli, 2018, 29, 1.	3.4	3
6	Solution of the finite slab criticality problem using an alternative phase function with the second kind of Chebyshev polynomials. Nuclear Science and Techniques/Hewuli, 2019, 30, 1.	3.4	3
7	The influence of linear anisotropic scattering of one-speed neutrons on the critical size of a slab with reflective boundary conditions. Nuclear Technology and Radiation Protection, 2017, 32, 236-241.	0.8	0
8	Higher Order U_N Method for the Solution of the Neutron Diffusion Problem. Journal of Computational and Theoretical Transport, 0, , 1-14.	0.8	0