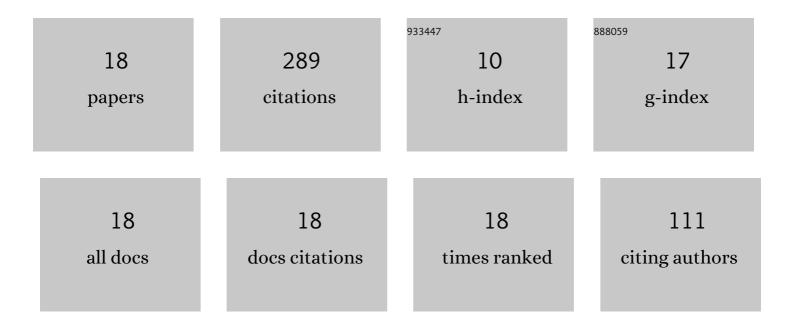
Fausto Malvagi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10516579/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Poisson-Box Sampling algorithms for three-dimensional Markov binary mixtures. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 206, 70-82.	2.3	7
2	Neutron multiplication in random media: Reactivity and kinetics parameters. Annals of Nuclear Energy, 2018, 111, 391-406.	1.8	22
3	Monte Carlo chord length sampling for d-dimensional Markov binary mixtures. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 204, 256-271.	2.3	10
4	Benchmark solutions for transport in d-dimensional Markov binary mixtures. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 189, 133-148.	2.3	15
5	Monte Carlo particle transport in random media: The effects of mixing statistics. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 196, 270-286.	2.3	19
6	Clustering and traveling waves in the Monte Carlo criticality simulation of decoupled and confined media. Nuclear Engineering and Technology, 2017, 49, 1157-1164.	2.3	11
7	Recent developments in the TRIPOLI-4® Monte-Carlo code for shielding and radiation protection applications. EPJ Web of Conferences, 2017, 153, 06007.	0.3	2
8	Depletion calculations based on perturbations. Application to the study of a REP-like assembly at beginning of cycle with TRIPOLI-4®. Annals of Nuclear Energy, 2015, 79, 43-50.	1.8	3
9	Monte Carlo methods for reactor period calculations. Annals of Nuclear Energy, 2015, 75, 627-634.	1.8	29
10	Alpha eigenvalue calculations with Tripoli-4®. Annals of Nuclear Energy, 2014, 63, 276-284.	1.8	35
11	Particle clustering in Monte Carlo criticality simulations. Annals of Nuclear Energy, 2014, 63, 612-618.	1.8	38
12	Depletion Calculations Based on Perturbations. Application to the Study of a Rep-Like Assembly at Beginning of Cycle with TRIPOLI-4® , 2014, , .		0
13	Doppler broadening of neutron elastic scattering kernel in Tripoli-4®. Annals of Nuclear Energy, 2013, 54, 218-226.	1.8	36
14	Monte Carlo Simulation of Fully Markovian Stochastic Geometries. Progress in Nuclear Science and Technology, 2011, 2, 743-748.	0.3	9
15	Systematic Uncertainty Due to Statistics in Monte Carlo Burnup Codes: Application to a Simple Benchmark with TRIPOLI-4-D. Progress in Nuclear Science and Technology, 2011, 2, 879-885.	0.3	11
16	Comparison of MCNPX-C90 and TRIPOLI-4-D for fuel depletion calculations of a Gas-cooled Fast Reactor. Annals of Nuclear Energy, 2010, 37, 1101-1106.	1.8	12
17	A singular integral equation formulation and solution for transport in semiâ€infinite ducts. Journal of Mathematical Physics, 1987, 28, 178-183.	1.1	3
18	One-Dimensional Models for Neutral Particle Transport in Ducts. Nuclear Science and Engineering, 1986, 93, 13-30.	1.1	27