

# Saeed Mohammadi

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

37  
citations

1684188

5  
h-index

1872680

6  
g-index

15  
all docs

15  
docs citations

15  
times ranked

24  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parameterization of $^{241}\text{Am}$ and $^{230}\text{Th}$ alpha particle energy in dependence on distance traveled in air. Journal of Radioanalytical and Nuclear Chemistry, 2012, 293, 39-44.	1.5	6
2	Study of Back Bending in $^{157,158}\text{Er}$ Isotopes by Using Electromagnetic Reduced Transition Probabilities. Journal of the Korean Physical Society, 2020, 76, 8-13.	0.7	6
3	Microscopic study of nuclear level densities and thermodynamical properties in $^{170,171,172}\text{Yb}$ . Physica Scripta, 2012, 86, 045201.	2.5	5
4	Astrophysical S-factor of the $^3\text{He}(\alpha, n)^6\text{Li}$ reaction in the Big-Bang. New Astronomy, 2018, 61, 14-18.	1.8	1
5	Preparation and Characterization of $\text{ZnCo}_2\text{O}_4$ as a Binary Transitional Metal Oxide Towards Pseudocapacitor Electrode Materials. Brazilian Journal of Physics, 2021, 51, 420-428.	1.4	5
6	Elements of Natural Radioactive Decay Series in Iranian Drinking Water and Cigarettes. Arhiv Za Higijenu Rada I Toksikologiju, 2010, 61, 235-239.	0.7	3
7	Enhancement Evaluation of Energy Deposition and Secondary Particle Production in Gold Nanoparticle Aided Tumor Using Proton Therapy. International Journal of Cancer Management, 2017, 10, .	0.4	3
8	Energy of radon and progeny alphas in dependence of distance traveled in some media. Radiation Measurements, 2013, 50, 145-148.	1.4	2
9	Statistical Phantoms and Determining the Uncertainty of the Thyroid Mathematical Phantom in Internal Dosimetry Using the Monte Carlo Method. Journal of the Korean Physical Society, 2020, 77, 1075-1081.	0.7	1
10	Simulation with Monte Carlo methods to find relationships between accumulated mechanical energy and atomic/nuclear radiation in piezoelectric rocks with focus on earthquakes. Radiation Effects and Defects in Solids, 2022, 177, 743-767.	1.2	1
11	Using matrix summation method for three dimensional dose calculation in brachytherapy. Reports of Practical Oncology and Radiotherapy, 2012, 17, 110-114.	0.6	0
12	On the accuracy of homotopy perturbation and variational iteration methods for lateral broadening of a monoenergetic proton beam. Nuclear Instruments & Methods in Physics Research B, 2013, 312, 70-76.	1.4	0
13	A New Insight into Energy Distribution of Electrons in Fuel-Rod Gap in VVER-1000 Nuclear Reactor. Plasma Science and Technology, 2015, 17, 441-447.	1.5	0
14	On the caregiver effective dose analysis during $^{131}\text{I}$ therapy in different situations using two mathematical phantoms and Monte Carlo code. Journal of the Korean Physical Society, 2022, 80, 634-639.	0.7	0