



Maliheh Azadparvar

Assistant Professor

College: Faculty of Basic Sciences

Department: Department of Basic Sciences

Education

Degree	Graduated in	Major	University
BSc	2011	Physics	Hakim Sabzevari University
MSc	2013	Physics(Condensed Matter)	IASBS
Ph.D	2021	Physics(Condensed Matter)	Damghan University of Basic Sciences
Post Doctoral	2023	Physics(Condensed Matter)	Hakim Sabzevari University

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	On Contract	Full Time	1

Papers in Conferences

1. ملیحه آزادپور و حسین چراغچی، محاسبه ساختار نواری نانونوارهای زیگزاگ فسفرین با استفاده از روش‌های عددی، سومین همایش ملی محاسبات نرم علوم مهندسی در صنعت و جامعه، ۱۲ ۱۴۰۲.
2. ملیحه آزادپور و حسین چراغچی، محاسبه ساختار نواری نانونوارهای زیگزاگ فسفرین با استفاده از روش‌های عددی، سومین همایش ملی محاسبات نرم علوم مهندسی در صنعت و جامعه، ۱۲ ۱۴۰۲.

Papers in Journals

1. Mehrdad Hadadian, Maliheh Azadparvar, Behnam Mahdavi, H.A. Rahnamaye Aliabad b, Optoelectronic properties of β -Cyclodextrin compound and doped with Na: Comparative study by experimental and DFT approaches, Journal of Molecular Structure, No. 1316, pp. 138862, 2024 11 15.
2. H.A. Rahnamaye Aliabad, M. Amani, Maliheh Azadparvar, A. Asadpour Arzefooni, Seyede Zeinab Sadati, Structural and optoelectronic properties of three different phases of Zn₂V₂O₇ compound under pressure: FP-LAPW approach, Physica B: Condensed Matter, No. 690, pp. 416257, 2024 10 1.
3. S. R. Seyyedi Birjand, R. Sabbaghzadeh, Maliheh Azadparvar, H. A. Rahnamaye Aliabad, Comparative

bioengineering and optoelectronic properties of metoprolol by DFT, molecular docking, and molecular dynamic approaches, *AIP Advances*, No. 14, pp. 095001, 2024 09 03.

4. H.A. Rahnamaye Aliabad Z. Choopani a, Maliheh Azadparvar a, H. Vaezi b, First-principles calculations to investigate thermoelectric efficiency of α -In₂S₃ under pressure for renewable energy sources, *Materials Science & Engineering B*, 2024 01 06.