



## Bahram Khoshnevisan

Associate Professor

College: faculty of Physics

Department: Condensed Matter Physics

### Papers in Conferences

1. س سعیدپور , ب خوشنویسان , ز برومند, سنتز و بهینه سازی نانو کامپوزیت اکسید تیتانیم و بررسی تاثیر نانو اسپینل منگنزو آهن, کنفرانس فیزیک, تبریز, ۱۳۹۸, ۶۶
2. به روش رسوب  $Zn_3O_2@Nd_4O_3Fe$  محسن مرادیان , بهرام خوشنویسان , مریم محمدی, ساخت نانوکامپوزیت های ۲ . اوره و بررسی اثر فوتوکاتالیستی آنها در حذف فلورسین, دومین سمینار شیمی کاربردی ایران, ۱۳۹۶, ۵۶

### Papers in Journals

1. Nahid Nikpour ,& Bahram Khoshnevisan, Enhanced selectivity of O<sub>2</sub>/N<sub>2</sub> gases in co-casted mixed matrix membranes filled with BaFe<sub>2</sub>O<sub>9</sub> nanoparticles, Separation and Purification Technology, 6 3 2020.
2. مجله YBCO, مرز دوقلویی در ابررسانای دما بالا ۲مهناز محمدی و بهرام خوشنویسان, مشخصه یابی عیوب کریستال. علمی مهندسی مکانیک, ۳۰/۲/۹۸.
3. Sh Varshoy , B Khoshnevisan , M Behpour, The dual capacity of the Ni/Sn alloy/MWCNT nanocomposite for sodium and hydrogen ions storage using porous Cu foam as a current collector, Int. J. Hydrogen Energy, Vol. 44, pp. 12, 2019 2 15.
4. S Saidpour ,& B Khoshnevisan, Enhancement of the electric field in electrodynamic screen using helix electrodes, OPTIK, 2019 6 11.
5. Sh Varshoei , B Khoshnevisan , M Behpour, High Capacity Na-Ion Battery Anodes by Coating Multi-walled Carbon Nanotubes on the Ni-Sn Foam Substrate, J Electronic Materials, 2019 1 31.
6. مجله YBCO, م محمدی و ب خوشنویسان, آستانه ابعادی تشکیل نواحی دوقلویی در میکرونانوذرات ابررسانای بلورشناسی و کانی شناسی ایران, مجلد ۹۷, شماره ۲۷, شماره صفحات ۱۸۳ ۷, ۲۰۱۹.
7. Sh Varshoy , B Khoshnevisan , M Behpour, Enhanced hydrogen storage capacity of Ni/ Sn-coated MWCNT nanocomposites, Nanotechnology, No. 75402, 2018 1 15.
8. S Khosravi Cgandomani , B Khoshnevisan , R Yousefi, The effects of Sn:Te ratio on optical properties of SnTe NPs, Journal of Luminescence, Vol. 203, pp. 481-485, 2018 7 3.
9. بهرام خوشنویسان , DFT study of Ti<sub>3</sub>C<sub>2</sub> MXene nanosheets as a drug delivery system for 5-fluorouracil, RSC Advances, Vol. 14, pp. 20300, 2024 06 12, SCOPUS , JCR.
10. بهرام خوشنویسان , DFT study of Ti<sub>3</sub>C<sub>2</sub> MXene nanosheets as a drug delivery system for 5-fluorouracil, RSC Advances, Vol. 14, pp. 20300, 2024 06 12, SCOPUS , JCR.
11. Nahid Nikpour ,& Bahram Khoshnevisan, Enhanced selectivity of O<sub>2</sub>/N<sub>2</sub> gases in co-casted mixed matrix membranes filled with BaFe<sub>2</sub>O<sub>9</sub> nanoparticles, Separation and Purification Technology, 6 3 2020.
12. Nahid Nikpour ,& Bahram Khoshnevisan, Enhanced selectivity of O<sub>2</sub>/N<sub>2</sub> gases in co-casted mixed matrix membranes filled with BaFe<sub>2</sub>O<sub>9</sub> nanoparticles, Separation and Purification Technology, 6 3

2020.

13. S Saeidpour , B Khoshnevisan , M Bromand, Synthesis and characterization of a g-C<sub>3</sub>N<sub>4</sub> /TiO<sub>2</sub> - ZnO nanostructure for photocatalytic degradation of methylene blue, *Nano Futures* 6 (2022), 2022.
14. Sara Khosravi Gandomani , Bahram Khoshnevisan , Ramin Yousefi, The capability of SnTe QDs as QDSCs working in the visible–NIR region and the effects of Eu-doping on improvement of solar cell parameters, *Journal of Materials Science: Materials in Electronics*, 2018 9 6.
15. Mojtaba Jamiati , Bahram Khoshnevisan , Mahnaz Mohammadi, Second- and third-order elastic constants of kesterite CZTS and its electronic and optical properties under various strain rates, *ENERGY SOURCES, PART A: RECOVERY, UTILIZATION, AND ENVIRONMENTAL EFFECTS*, 2018 8 20.
16. Sara Khosravi Gandomani , Bahram Khoshnevisan , Ramin Yousefi, The effects of Sn:Te ratio on optical properties of SnTe NPs, *Journal of Luminescence*, 2018 7 3.
17. MOHAMMAD BAGHER MARAMI , MAJID FARAHMANDJOU , BAHRAM KHOSHNEVISAN, Sol–Gel Synthesis of Fe-Doped TiO<sub>2</sub> Nanocrystals, *Journal of ELECTRONIC MATERIALS*, 2018 3 30.
18. Shokufeh Varshoy , Bahram Khoshnevisan , Mohsen Behpour, Enhanced hydrogen storage capacity of Ni/ Sn-coated MWCNT nanocomposites, *Nanotechnology* 29 (2018) 075402 (9pp), 2018 1 15.