

Mostafa Heidari Majd,  
Ph.D of Medicinal  
Chemistry

Assistant Professor



Links:

<http://www.researcherid.com/rid/J-5694-2016>

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<https://www.scopus.com/authid/detail.uri?authorId=57188553782>

<http://orcid.org/0000-0003-3461-832X>

<https://scholar.google.com/citations?user=exPvGZsAAAAJ&hl=en&oi=ao>

<http://78.38.114.211/mostafamajd/fa>

## Education Experience

*Dec 2012 – present*

- 1- Medicinal Chemistry 1, 2, 3
- 2- Organic Chemistry 1, 2
- 3- General Chemistry
- 4- Analytical Chemistry
- 5- Instrumental Analysis Chemistry
- 6- Physicochemical Control

## Research Experience

*Dec 2012 – present*    **Faculty of Pharmacy**  
Zabol University Of Medical Sciences,  
Zābol, Iran

## Awards & Grants

Second Prize for Research in the Faculty of Pharmacy, Zabol University of Medical Sciences, 2015  
First Prize for Research in the Faculty of Pharmacy, Zabol University of Medical Sciences, 2016  
First Prize for Education in the Faculty of Pharmacy, Zabol University of Medical Sciences, 2016

## Skills & Activities

*Skills*    Cell Culture, Nanomaterials, Nanoparticles, Flow Cytometry, Gene Expression,  
Cancer Cells, Nanoparticle Synthesis

*Languages*    English, Persian

*Scientific Memberships*

*Interests*

## Publication Highlights (Journal Publications)

[authors]: [title]. [details]

Azam Sargazi, Keramat Kuhestani, Tayebe Nosrat Nahoki, Mostafa Heidari Majd: *SPECIFIC TARGETING OF FOLATE RECEPTOR BY METHOTREXATE CONJUGATED MODIFIED MAGNETIC NANOPARTICLES: ENZYMATIC RELEASE AND CYTOTOXIC STUDY*. International Journal of Pharmaceutical Sciences and Research 12/2015; 6(12):5047-5055. DOI:10.13040/IJPSR.0975-8232.6(12).5047-55. (Impact Factor: 2.44).

Jaleh Barar, Vala Kafil, Mostafa Heidari Majd, Abolfazl Barzegari, Sajjad Khani, Mohammad Johari-Ahar, Davoud Asgari, George Cokous, Yadollah Omid: *Multifunctional mitoxantrone-conjugated magnetic nanosystem for targeted therapy of folate receptor-overexpressing malignant cells*. J Nanobiotechnol 13(1):26. Journal of Nanobiotechnology 12/2015; 13(1):26. DOI:10.1186/s12951-015-0083-7. (Impact Factor: 4.239).

Ali Reza Sardashti, Jafar Valizadeh, Mostafa Heidari Majd: *Chemical constituents of the flower oil of Acacia luciana from Iran*. 08/2015; 8(3):395-397.

Amir Ata Saei, Abolfazl Barzegari, Mostafa Heidari Majd, Davoud Asgari, Yadollah Omid: *Fe<sub>3</sub>O<sub>4</sub> nanoparticles engineered for plasmid DNA delivery to Escherichia coli*. Journal of Nanoparticle Research 07/2014; 16(8). DOI:10.1007/s11051-014-2521-0. (Impact Factor: 2.101).

Ziba Sorinezami, Hassan Mansouri-Torshizi, Somaye Shahraki, Arezu Ghahghaei, Mahin Doostkami, Adeleh Divsalar, Ali-Akbar Saboury, Mostafa Heidari Majd: *Asian Journal of Pharmaceutical Technology and Innovation, Vol 2, No 7 (2014)*.

Mostafa Heidari Majd, Jaleh Barar, Davoud Asgari, Hadi Valizadeh, Mohammad Reza Rashidi, Vala Kafil, Javid Shahbazi, Yadollah Omid: *Targeted Fluoromagnetic Nanoparticles for Imaging of Breast Cancer MCF-7 Cells*. Advanced Pharmaceutical Bulletin 12/2013; 3(1):189-195. DOI:10.5681/apb.2013.031. (Impact Factor: 2.05).

Mostafa Heidari Majd, Davoud Asgari, Jaleh Barar, Hadi Valizadeh, Vala Kafil, Alaleh Abadpour, Efat Moumivand, Javid Shahbazi Mojarrad, Mohammad Reza Rashidi, George Coukos, Yadollah Omid: *Tamoxifen loaded folic acid armed PEGylated magnetic nanoparticles for targeted imaging and therapy of cancer*. Colloids and surfaces B: Biointerfaces 01/2013; 106C:117-125. DOI:10.1016/j.colsurfb.2013.01.051. (Impact Factor: 4.15).

Mostafa Heidari Majd, Davoud Asgari, Jaleh Barar, Hadi Valizadeh, Vala Kafil, George Coukos, Yadollah Omid: *Specific targeting of cancer cells by multifunctional mitoxantrone-conjugated magnetic nanoparticles*. Journal of Drug Targeting 01/2013; 21(4). DOI:10.3109/1061186X.2012.750325. (Impact Factor: 2.74).

Azam Sargazi, Naeem Kamali, Fereshteh Shiri, Mostafa Heidari Majd: *Hyaluronic acid/polyethylene glycol nanoparticles for controlled delivery of mitoxantrone*. Artificial Cells 05/2017; DOI:10.1080/21691401.2017.1324462. (Impact Factor: 2.024).

Fereshteh Shiri, Somaye Shahraki, Amin Shahriyar, Mostafa Heidari Majd: *Exploring isoxsuprine hydrochloride binding with human serum albumin in the presence of folic acid and ascorbic acid using multispectroscopic and molecular modeling methods*. Journal of photochemistry and photobiology. B, Biology 04/2017; 170., DOI:10.1016/j.jphotobiol.2017.04.007. (Impact Factor: 3.035).

Azam Sargazi, Mostafa Heidari Majd: *Different Applications of Magnetic Nanoparticles in the Rapid Monitoring of Ochratoxin A*. Oriental Journal of Chemistry 02/2017; 33(1):346-354., DOI:10.13005/ojc/330141

Hassan Mansouri-Torshizi, Elham Rezaei, Farzaneh Kamranfar, Mostafa Heidari Majd: *Investigating the Apoptosis Ability of Ethylenediamine 8-Hydroxyquinolinato Palladium (II) Complex*. *Advanced Pharmaceutical Bulletin* 09/2016; 6(3):449-453., DOI:10.15171/apb.2016.058. (Impact Factor: 2.05).

Afsaneh Sargazi, Azam Sargazi, Mostafa Heidari Majd: *The Impact of Learning Culture on Organizational Development among the Members of the Educational Complex of Zabol University of Medical Sciences*. *International Journal of Sciences: Basic and Applied Research (IJSBAR)* 07/2016; 28(2):274-283.

Mostafa heidari majd, Abolfazl Akbarzadeh, Azam Sargazi: *Evaluation of host-guest system to enhance the tamoxifen efficiency*. *Artificial Cells* 03/2017; 45 (3):441-447, DOI:10.3109/21691401.2016.1160916. (Impact Factor: 2.024).

Fereshteh Shiri, Somaye Shahraki, Sadegh Baneshi, Massoud Nejati-Yazdinejad, Mostafa Heidari Majd: *Synthesis, characterization, in vitro cytotoxicity, in silico ADMET analysis and interaction studies of 5-dithiocarbamate-1,3,4-thiadiazole-2-thiol and its Zinc(II) Complex with Human Serum Albumin: Combined spectroscopy and molecular docking investigations*. *RSC Advances* 01/2016; 6(108)., DOI:10.1039/C6RA17322E. (Impact Factor: 3.289).

Azam Sargazi, Amin Aliabadi, Ali Rahdari, Samin Allahdini-Hesaroiyeh, Massoud Nejati-Yazdinejad, Mostafa Heidari Majd: *A Simple and Fast Method for Magnetic Solid Phase Extraction of Ochratoxin A*. *Journal of the Brazilian Chemical Society* 01/2016; 28(6)., DOI:10.21577/0103-5053.20160245. (Impact Factor: 1.096).