

# CURRICULUM VITAE

## PERSONAL DETAILS

Name: Mohammad Ramezani  
Nationality: Iranian  
Pharmaceutical Research Center, School of Pharmacy, P.O Box: 91775-1365, Mashhad, Iran

## EDUCATION AND QUALIFICATIONS

1983-1988 School of Pharmacy, Mashhad University of Medical Sciences, Mashhad, Iran  
1988 Pharm.D. awarded.  
1992-1996 Department of Chemistry, Dalhousie University, Halifax, NS, Canada  
1996 Ph.D. awarded.  
2003-2004 Visiting scholar, Gene delivery, University of Minnesota, Minneapolis, MN, USA

## RESEARCH EXPERIENCES

1996 to present Supervision of 50 Ph.D. and 70 Pharm.D. students working on their theses.  
Currently I am involved in:  
a) Development of new gene and drug delivery systems  
c) Biosensor design  
d) Stem cells

## PROFESSIONAL EXPERIENCES

1989-1992 Instructor of Pharmacognosy, School of Pharmacy, Mashhad, Iran.  
1996-2000 Assistant Professor in Pharmaceutical Biotechnology.  
2001-2005 Associate Professor in Pharmaceutical Biotechnology.  
2006 to present Professor in Pharmaceutical Biotechnology

## PRESENT POSITIONS

2017 to present	Distinguished Professor in Pharmaceutical Biotechnology,
1997 to 2003, 2014 to 2021	Head, Department of Biotechnology, School of Pharmacy, Mashhad, Iran
2000 to present	Director of Nanomedicine Lab, Nanotechnology Research Center, Bu-Ali Research Center, Mashhad University of Medical Science, Mashhad, Iran.
2012 to present	Editor-in-Chief, Nanomedicine Journal
2000-2002, and 2004 to present	Head, Pharmaceutical Research Center, Pharmaceutical Technology Institute,
1997 to 2014	A member of the Research Council of the Mashhad University of Medical Sciences.
1999 to present	Editorial Board of Iranian Journal of Basic Medical Sciences.
2010 to present	Director, National Board of Pharmaceutical Biotechnology
2011 to present	A member of Nanotechnology Research Center, Mashhad University of Medical Sciences

## RESEARCH INTERESTS

- a) Nanomedicine (Design and synthesis of gene and drug delivery vectors based on polycations, carbon nanotubes and hybride peptides
- b) Aptamer-based biosensors
- c) Stem cells

## Awards

### National:

- a) Best Investigator Prize, The 15<sup>th</sup> Razi Research Festival on Medical Sciences (2009)
- b) Best Investigator Prize, The 24<sup>th</sup> Razi Research Festival on Medical Sciences (2018)
- c) Iran Science Elites Federation (2019)

**University:**

- a) Best Investigator Prize in 2006, 2010, 2011, 2012, 2013 among all faculty members of Mashhad University of Medical Sciences.
- b) Best published article in 2010.

**Books**

1) Ramezani, M., (Ed.). (2007). *Pharmaceutical Biotechnology*, Mashhad, Mashhad University of Medical Sciences Press.

2) Ramezani, M., Abnous, K., Taghdisi, S.M. (2017), *Optical and electrochemical aptasensors for sensitive detection of streptomycin in blood serum and milk*, Chapter 26, (pp 403-420). In B. Pickril, A. Rasooly, Eds, *Biosensors and Biodetection, Methods and Protocols, Vol 2: Electrochemical, Bioelectronic, Piezoelectric, Cellular and Molecular Biosensors*, Second Edition. Springer Science, NY, USA.

3) Alibolandi, M., Charbgoon, F., Taghdisi, S.M., Abnous K., M. Ramezani (2018), *Active Targeted Nanoscale Delivery Systems for Brain Tumor Therapeutics*, Chapter 4, (pp 75-110). In *Nanotechnology based targeted drug delivery for brain tumors* Kesharwani, P., Gupta, Eds, U. Elsevier, London, United Kingdom.

4) **Ramezani, M.**, Alibolandi, M., Nejabat, M., Charbgoon, F., Taghdisi, S.M., Abnous, K (2019). *Graphene-Based Hybrid Nanomaterials for Biomedical Applications*, Chapter 6, (pp 119-142). In *Biomedical Applications of Graphene and 2D Nanomaterials*, Nurunnabi Md., McCarthy J.R. Eds, Amsterdam, Netherlands.

## REFERENCES

1) Professor W. Thomas Shier, Department of Medicinal Chemistry, College of Pharmacy, University of Minnesota, Minneapolis, MN 55455, USA, e-mail: shier001@umn.edu

2) Professor Ernst Wagner, Chair, Pharmaceutical Biotechnology  
Munich Center for System-based Drug Research,  
Center for Nanoscience, Ludwig-Maximilians-Universität, Butenandtstr. 5-13, Building D, Room 3.030  
D-81377 Munich, Germany  
Tel: +49 89 2180-77841  
Fax: +49 89 2180-77798  
e-mail: ernst.wagner@cup.uni-muenchen.de

## PUBLICATIONS

---

### 2021

- 1) S. M. Taghdisi, N. M. Danesh, **M. Ramezani**, M. Alibolandi, M. Alinezhad Nameghi, G. Gerayelou, K. Abnous (2021). A novel electrochemical aptasensor for ochratoxin A sensing in spiked food using strand-displacement polymerase reaction. *Talanta*, 223, Part 1, 121705 (IF: 6.057).
- 2) M. Poshteh Shirani, B. Rezaeian, A. A. Ensafi, **M. Ramezani** (2021). Development of an eco-friendly fluorescence nanosensor based on molecularly imprinted polymer on silica-carbon quantum dot for the rapid indoxacarb detection. *Food Chemistry*, 339, 127920 (IF: 7.514).
- 3) S. M. Mashmoul Moghadam, M. Alibolandi, M. Babaei, J. Mosafer, A. S. Saljooghi, **M. Ramezani\*** (2021). Fabrication of deferasirox-decorated aptamer-targeted superparamagnetic iron oxide nanoparticles as a therapeutic and magnetic resonance imaging agent in cancer therapy. *Journal of Biological Inorganic Chemistry*, 26, 29–41, (IF: 2.538).
- 4) S. H. Jalalian, P. Lavaee, **M. Ramezani**, N. M. Danesh, M. Alibolandi, K. Abnous, S. M. Taghdisi (2021). An optical aptasensor for aflatoxin M1 detection based on target-induced protection of gold nanoparticles against salt-induced aggregation and silica nanoparticles. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 246, 119062 (IF: 4.098).
- 5) E. Bagheri, M. Alibolandi, K. Abnous, S. M. Taghdisi, **M. Ramezani\*** (2021). Targeted delivery and controlled release of doxorubicin to cancer cells by smart ATP-responsive Y-shaped DNA structure-capped mesoporous silica nanoparticles. *Journal of Materials Chemistry B*, 1-15, (IF 6.331).
- 6) Z. khajavian, M. Esmaelpour Farkhani, **M. Ramezani**, M. Alibolandi, K. Abnous, S. M. Taghdisi (2021). A highly sensitive, simple and label-free fluorescent aptasensor for tobramycin sensing based on picogreen intercalation into DNA duplex regions of three-way junction origami. *Microchemical Journal*, 160, Part A, 105657 (IF 4.821).

- 7) A. H. Bahreyni, H. Luo, **M. Ramezani**, M. Alibolandi, V. Soheili, N. M. Danesh, M. Sabeti Ashjaei, K. Abnous, S. M. Taghdisi (2021). A fluorescent sensing strategy for ultrasensitive detection of oxytetracycline in milk based on aptamer-magnetic bead conjugate, complementary strand of aptamer and picogreen. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 246, 119009 (IF 4.098).
- 8) E. Sameiyan, E. Bagheri, Sh. Dehghani, **M. Ramezani**, M. Alibolandi, K. Abnous, S. M. Taghdisi (2021). Aptamer-based ATP-responsive delivery systems for cancer diagnosis and treatment. *Acta Biomaterialia*, 123,110-122, (IF 7.242).
- 9) S. M. Taghdisi, A. Tavanaee Sani, N. M. Danesh, **M. Ramezani\***, M. Alibolandi, G. Gerayelou, K. Abnous, S. M. Taghdisi (2021). A novel electrochemical approach for the ultrasensitive detection of fluoroquinolones based on a double-labelled aptamer to surpass complementary strands of aptamer lying flat. *Sensors and Actuators B: Chemical*, 334, 129632 (IF 7.34).
- 10) R. Nosrati, K. Abnous, M. Alibolandi, J. Mosafer, S. Dehghani, S. M. Taghdisi, **M. Ramezani\*** (2021). Targeted SPION siderophore conjugate loaded with doxorubicin as a theranostic agent for imaging and treatment of colon carcinoma. *Scientific Reports*, 11, 13065.
- 11) M. Shahriari, S. M. Taghdisi, K. Abnous, **M. Ramezani\***, M. Alibolandi (2021) Self-targeted polymersomal co-formulation of doxorubicin, camptothecin and FOXM1 aptamer for efficient treatment of non-small cell lung cancer. *Journal of Controlled Release*, 335, 369–388.
- 12) K. Abnous, N.M. Danesh, **M. Ramezani**, T.S. Zavvar, S. M. Taghdisi (2021). A novel colorimetric aptasensor for ultrasensitive detection of aflatoxin M1 based on the combination of CRISPR-Cas12a, rolling circle amplification and catalytic activity of gold nanoparticles. *Analytica Chimica Acta*, 1165, 338549.
- 13) E. Yaghoobi, S. Shojaee, **M. Ramezani**, K. Abnous, S. M. Taghdisi (2021). A novel targeted co-delivery system for transfer of epirubicin and anti-miR-10b into cancer cells through a linear DNA nanostructure consisting of FOXM1 and AS1411 aptamers. *Journal of Drug Delivery Science and Technology*, 63, 102521
- 14) S. S. Samani, A. Khojastehnezhad, **M. Ramezani**, K. Abnous, S. M. Taghdisi (2021). Ultrasensitive detection of micrococcal nuclease activity and Staphylococcus aureus contamination using optical biosensor technology-A review. *Talanta*, 226, 122168
- 15) H. Zarei, B. Malaekheh-Nikouei, M. Ramezani, F. Soltani (2021). Multifunctional peptides based on low molecular weight protamine (LMWP) in the structure of polyplexes and lipopolyplexes: Design, preparation and gene delivery characterization. *Journal of Drug Delivery Science and Technology*, 62, 102422
- 16) M. Zahmati Eraj, L. Eriksson, **M. Ramezani**, M. Babaei, A.S. Saljooghi (2021). Three novel complexes of copper: synthesis, characterization, crystal structure, HSA-binding and docking studies, and antiproliferative activity. *Journal of the Iranian Chemical Society*, 18(4), 765–783.
- 17) M. Falsafi, A.S. Saljooghi, K. Abnous, **M. Ramezani\***, M. Alibolandi (2021). Smart metal organic frameworks: Focus on cancer treatment, *Biomaterials Science*, 9(5), 1503–1529.

- 18) A. Ghaemi, E. Bagheri, K. Abnous, **M. Ramezani\***, M. Alibolandi (2021). CRISPR-cas9 genome editing delivery systems for targeted cancer therapy. *Life Sciences*, 267, 118969
- 19) F. Araste, A. Aliabadi, K. Abnous, **M. Ramezani\***, M. Alibolandi (2021). Self-assembled polymeric vesicles: Focus on polymersomes in cancer treatment. *Journal of Controlled Release*, 330, 502–528
- 20) F. Charbgoon, F. Soltani, M. Alibolandi, P. Ramezani, **M. Ramezani\*** (2021). Ladder-like targeted and gated doxorubicin delivery using bivalent aptamer *in vitro* and *in vivo*. *Materials Science and Engineering C*, 119, 111618
- 21) M. Zahiri, S. M. Taghdisi, K. Abnous, **M. Ramezani\***, M. Alibolandi (2021). Fabrication of versatile targeted lipopolymerosomes for improved camptothecin efficacy against colon adenocarcinoma *in vitro* and *in vivo*. *Expert Opinion on Drug Delivery*, (Published Online, doi: 10.1080/17425247.2021.1928631).
- 22) E. Einafshar, E. Khodadadipoor, M. Nejabat, **M. Ramezani\*** (2021). Synthesis, characterization and application of  $\alpha$ ,  $\beta$ , and  $\gamma$  cyclodextrin-conjugated graphene oxide for removing cadmium ions from aqueous media. *Journal of Polymers and the Environment*. (Published Online, doi: 10.1007/s10924-021-02064-y).
- 23) S. Sanati, S. Taghavi, K. Abnous, **M. Ramezani\***, M. Alibolandi (2021). Fabrication of anionic dextran-coated micelles for aptamer targeted delivery of camptothecin and survivin-shRNA to colon adenocarcinoma. *Gene Therapy*. (Published Online, doi: 10.1038/s41434-021-00234-0).
- 24) N. M. Danesh, P. Lavaee, **M. Ramezani**, K. Abnous, S. M. Taghdisi (2021). An electrochemical sensing method based on an oligonucleotide structure for ultrasensitive detection of malachite green, *Microchemical Journal*, 160, Part A, 105598.

## 2020

- 25) M. Zahiri, S. M. Taghdisi, K. Abnous, **M. Ramezani\***, M. Alibolandi (2020). Marriage of phospholipid and block copolymer in lipopolymerosome hybrid structure for efficient tumor accumulation, *International Journal of Pharmaceutics*, 591, 120030
- 26) M. Zahmati Eraj, L. Eriksson, M. Alibolandi, A. S. Saljooghi, **M. Ramezani\*** (2020). Synthesis, X-ray structure, antiproliferative activity, interaction with HSA and docking studies of three novel mono and binuclear copper complexes containing the maltol ligand, *New Journal of Chemistry*, 44(46), 20101–20114.
- 27) M. Naserifar, H. Hosseinzadeh, K. Abnous, **M. Ramezani\***, M. Alibolandi (2020). Oral delivery of folate-targeted resveratrol-loaded nanoparticles for inflammatory bowel disease therapy in rats. *Life Sciences*, 262, 118555
- 28) E. Bagheri, K. Abnous, S. A. Farzad, **M. Ramezani\***, M. Alibolandi (2020). Targeted doxorubicin-loaded mesenchymal stem cells-derived exosomes as a versatile platform for fighting against colorectal cancer. *Life Sciences*, 261, 118369
- 29) M. Shahriari, V. P. Torchilin, S. M. Taghdisi, **M. Ramezani\***, M. Alibolandi (2020). smart self-assembled structures: Toward intelligent dual responsive drug delivery systems, *Biomaterials Science*, 8(21), 5787–5803.

- 30) M. Babaei, K. Abnous, S. M. Taghdisi, **M. Ramezani\***, M. Alibolandi (2020). Targeted rod-shaped mesoporous silica nanoparticles for the co-delivery of camptothecin and survivin shRNA in to colon adenocarcinoma in vitro and in vivo, *European Journal of Pharmaceutics and Biopharmaceutics*, 156, 84–96.
- 31) Z. Salmasi, M. Hashemi, E. Mahdipour, K. Abnous, **M. Ramezani\*** (2020). Mesenchymal stem cells engineered by modified polyethylenimine polymer for targeted cancer gene therapy, in vitro and in vivo, *Biotechnology Progress*, 36(6).
- 32) M. Nejabat, F. Eisvand, F. Soltani, F. Hadizadeh, **M. Ramezani\*** (2020). Combination therapy using Smac peptide and doxorubicin-encapsulated MUC 1-targeted polymeric nanoparticles to sensitize cancer cells to chemotherapy: An *in vitro* and *in vivo* study. *International Journal of Pharmaceutics*, 587, 119650
- 33) S. Taghavi, K. Abnous, S. M. Taghdisi, **M. Ramezani\***, M. Alibolandi (2020). Hybrid carbon-based materials for gene delivery in cancer therapy. *Journal of Controlled Release*, 318, 158-175
- 34) Z. Yekke-Ghasemi, **M. Ramezani**, J. T. Mague, R. Takjoo (2020). Synthesis, characterization and bioactivity studies of new dithiocarbazate complexes. *New Journal of Chemistry*, 44 (21), 8878-8889 (IF: 3.288).
- 35) M. Khedri, K. Abnous, A. H. Rafatpanah, M. S. Nabavinia, S. M. Taghdisi, **M. Ramezani\*** (2020). Development and Evaluation of Novel Aptamers Specific for Human PD1 Using Hybrid Systematic Evolution of Ligands by Exponential Enrichment Approach. *Immunological Investigations*, 49 (5), 535-554 (IF: 2.511)
- 36) S. M. Taghdisi, N. M. Danesh, M. A. Nameghi, **M. Ramezani**, M. Alibolandi, K. Abnous (2020). A DNA triangular prism-based fluorescent aptasensor for ultrasensitive detection of prostate-specific antigen. *Analytica Chimica Acta*, 1120, 36-42 (IF: 5.977)
- 37) R. Yazdian-Robati, P. Bayat, F. Oroojalian, M. Zargari, **M. Ramezani**, S. M. Taghdisi, K. Abnous (2020). Therapeutic applications of AS1411 aptamer, an update review. *International Journal of Biological Macromolecules*, 155, 1420-1431 (IF: 5.162).
- 38) S. M. Taghdisi, N. M. Danesh, M. A. Nameghi, A. Bahreyni, **M. Ramezani**, M. Alibolandi, A. S. Emrani, K. Abnous (2020). Co-delivery of doxorubicin and  $\alpha$ -PCNA aptamer using AS1411-modified pH-responsive nanoparticles for cancer synergistic therapy: Co-delivery of doxorubicin and  $\alpha$ -PCNA aptamer for cancer synergistic therapy. *Journal of Drug Delivery Science and Technology*, 58, 101816 (IF: 2.734)
- 39) S. Taghavi, K. Abnous, M. Babaei, S. M. Taghdisi, **M. Ramezani\***, M. Alibolandi (2020). Synthesis of chimeric polymersomes based on PLA-b-PHPMA and PCL-b-PHPMA for nucleoline guided delivery of SN38 (2020). *Nanomedicine: Nanotechnology, Biology, and Medicine*, 28, 102227 (IF: 5.182).
- 40) P. Ramezani, K. Abnous, S. M. Taghdisi, M. Zahiri, **M. Ramezani\***, M. Alibolandi, (2020). Targeted MMP-2 responsive chimeric polymersomes for therapy against colorectal cancer. *Colloids and Surfaces B: Biointerfaces*, 193, 111135 (IF: 4.389).

- 41) M. Babaei, J. Davoodi, R. Dehghan, M. Zahiri, K. Abnous, S. M. Taghdisi, **M. Ramezani\***, M. Alibolandi (2020). Thermosensitive composite hydrogel incorporated with curcumin-loaded nanopolymerosomes for prolonged and localized treatment of glioma. *Journal of Drug Delivery Science and Technology*, 59, 101885 (IF: 2.734).
- 42) Z. Khademi, P. Lavaee, M. Ramezani, M. Alibolandi, K. Abnous, S. M. Taghdisi (2020). Co-delivery of doxorubicin and aptamer against Forkhead box M1 using chitosan-gold nanoparticles coated with nucleolin aptamer for synergistic treatment of cancer cells. *Carbohydrate Polymers*, 248, 116735 (IF: 8.182).
- 43) E. Pishavar, F. Oroojalian, **M. Ramezani\***, M. Hashemi (2020). Cholesterol-conjugated PEGylated PAMAM as an efficient nanocarrier for plasmid encoding interleukin-12 immunogene delivery toward colon cancer cells. *Biotechnology Progress*, 36 (3), e2952 (IF: 2.334).
- 44) F. Oroojalian, F. Charbgoon, M. Hashemi, A. Amani, R. Yazdian-Robati, A. Mokhtarzadeh, **M. Ramezani\***, M. R. Hamblin (2020). Recent advances in nanotechnology-based drug delivery systems for the kidney. *Journal of Controlled Release*, 321, 442-462 (IF: 7.877).
- 45) M. Afsharzadeh, M. Hashemi, M. Babaei, K. Abnous, **M. Ramezani\*** (2020). M.PEG-PLA nanoparticles decorated with small-molecule PSMA ligand for targeted delivery of galbanic acid and docetaxel to prostate cancer cells. *Journal of Cellular Physiology*, 235(5), 4618-4630 (IF: 4.522).
- 46) F. Araste, K. Abnous, M. Hashemi, A. Dehshahri, P. Detampel, M. Alibolandi, **M. Ramezani\*** (2020). Na<sup>+</sup>/K<sup>+</sup> ATPase-targeted delivery to metastatic breast cancer models. *European Journal of Pharmaceutical Sciences*, 143, 105207 (IF: 3.773).
- 47) T. S. Zavvar, M. Babaei, K. Abnous, S. M. Taghdisi, S. Nekooei, **M. Ramezani\***, M. Alibolandi (2020). Synthesis of multimodal polymerosomes for targeted drug delivery and MR/fluorescence imaging in metastatic breast cancer model. *International Journal of Pharmaceutics*, 578, 119091 (IF: 4.213).
- 48) E. Bagheri, L. Ansari, E. Sameiyan, K. Abnous, S. M. Taghdisi, **M. Ramezani\***, M. Alibolandi (2020). Sensors design based on hybrid gold-silica nanostructures. *Biosensors and Bioelectronics*, 153, 112054 (IF: 9.518).
- 49) M. Zahiri, M. Babaei, K. Abnous, S. M. Taghdisi, **M. Ramezani\***, M. Alibolandi (2020). Hybrid nanoreservoirs based on dextran-capped dendritic mesoporous silica nanoparticles for CD133-targeted drug delivery. *Journal of Cellular Physiology*, 235(2), 1036-1050 (IF: 4.522).
- 50) H. Safarpour, S. Dehghani, R. Nosrati, N. Zebardast, M. Alibolandi, A. Mokhtarzadeh, **M. Ramezani\*** (2020). Optical and electrochemical-based nano-aptasensing approaches for the detection of circulating tumor cells (CTCs). *Biosensors and Bioelectronics*, 148, 111833 (IF: 9.518).
- 51) K. Abnous, N. M. Danesh, **M. Ramezani\***, M. Alibolandi, A. Bahreyni, P. Lavaee, S. A. Moosavian, S. M. Taghdisi (2020). A smart ATP-responsive chemotherapy drug-free delivery system using a DNA nanostructure for synergistic treatment of breast cancer in vitro and in vivo. *Journal of Drug Targeting*, 7-8, 852-859 (IF: 3.408).



- 52) H. Faraji, F. Soltani, **M. Ramezani**, H. R. Sadeghnia, R. Nedaeini, H. M. Benhangi, B. Mashkani (2020). Designing a multifunctional staphylokinase variant (SAK-2RGD-TTI) with appropriate thrombolytic activity in vitro. *Biotechnology Letters*, 42, 103–114 (IF: 1.848).
- 53) A. Mansouri, K. Abnous, M. Nabavinia, **M. Ramezani\***, S. M. Taghdisi (2020). *In vitro* selection of tacrolimus binding aptamer by systematic evolution of ligands by exponential enrichment method for the development of a fluorescent aptasensor for sensitive detection of tacrolimus. *Journal of Pharmaceutical and Biomedical Analysis*, 177, 112853 (IF: 2.983).

## 2019

- 54) M. Shahriari, S. M. Taghdisi, K. Abnous, **M. Ramezani\***, M. Alibolandi (2019). Synthesis of hyaluronic acid-based polymersomes for doxorubicin delivery to metastatic breast cancer. *International Journal of Pharmaceutics*, 572, 118835 (IF: 4.213).
- 55) E. Pishavar, **M. Ramezani\***, M. Hashemi (2019). Co-delivery of doxorubicin and TRAIL plasmid by modified PAMAM dendrimer in colon cancer cells, in vitro and in vivo evaluation. *Drug Development and Industrial Pharmacy*, 45(12), 1931-1939 (IF: 2.295).
- 56) K. Abnous, N. M. Danesh, M. Alinezhad- Nameghi, **M. Ramezani**, M. Alibolandi, P. Lavaee, S. M. Taghdisi (2019). An ultrasensitive electrochemical sensing method for detection of microcystin-LR based on infinity-shaped DNA structure using double aptamer and terminal deoxynucleotidyl transferase. *Biosensors and Bioelectronics*, 144, 111674 (IF: 9.518).
- 57) M. Akbarzadeh, M. Babaei, K. Abnous, S. M. Taghdisi, M. T. Peivandi, **M. Ramezani\***, M. Alibolandi (2019). Hybrid silica-coated Gd-Zn-Cu-In-S/ZnS bimodal quantum dots as an epithelial cell adhesion molecule targeted drug delivery and imaging system. *International Journal of Pharmaceutics*, 570, 118645 (IF: 4.213).
- 58) E. Sameiyan, E. Bagheri, **M. Ramezani**, M. Alibolandi, K. Abnous, S. M. Taghdisi (2019). DNA origami-based aptasensors. *Biosensors and Bioelectronics*, 143, 111662 (IF: 9.518).
- 59) Ahmadi, N. M. Danesh, **M. Ramezani**, M. Alibolandi, P. Lavaee, A. S. Emrani, K. Abnous, S. M. Taghdisi (2019). A rapid and simple ratiometric fluorescent sensor for patulin detection based on a stabilized DNA duplex probe containing less amount of aptamer-involved base pairs. *Talanta*, 204 (1), 641-646 (IF: 4.916).
- 60) M. Alinezhad-Nameghi, N. M. Danesh, **M. Ramezani**, M. Alibolandi, K. Abnous, S. M. Taghdisi (2019). An ultrasensitive electrochemical sensor for 17 $\beta$ -estradiol using split aptamers. *Analytica Chimica Acta*, 1065, 107-112 (IF: 5.256).
- 61) S. M. Taghdisi, N. M. Danesh, M. Alinezhad-Nameghi, **M. Ramezani**, M. Alibolandi, K. Abnous (2019). An electrochemical sensing platform based on ladder-shaped DNA structure and label-free aptamer for ultrasensitive detection of ampicillin. *Biosensors and Bioelectronics*, 133 230–235 (IF: 9.518).

- 62) Bahreyni, S. Tahmasebi, **M. Ramezani**, M. Alibolandi, N. M. Danesh, K. Abnous, S. M. Taghdisi (2019). A novel fluorescent aptasensor for sensitive detection of PDGF-BB protein based on a split complementary strand of aptamer and magnetic beads. *Sensors and Actuators: B. Chemical*, 280, 10–15 (IF: 5.401).
- 63) A. Mansouri, K. Abnous, M. Alibolandi, S. M. Taghdisi, **M. Ramezani\*** (2019). Targeted delivery of tacrolimus to T cells by pH-responsive aptamer-chitosan-poly(lactic-co-glycolic acid) nanocomplex. *Journal of Cellular Physiology*, 234 (10), 18262-18271 (IF: 4.522).
- 64) A. Bahreyni, **M. Ramezani**, M. Alibolandi, P. Hassanzadeh, K. Abnous, S. M. Taghdisi (2019). High affinity of AS1411 toward copper; its application in a sensitive aptasensor for copper detection. *Analytical Biochemistry*, 575, 1-9 (IF: 2.275).
- 65) N. Hashemzadeh-Esfahania, F. Salami, Z. Saberi, K. Karami, Z. Mehri-Lighvan, **M. Ramezani\***, M. Alibolandi, S. Amel-Farzad, T. Khayamian (2019). DNA G-quadruplexes binding and antitumor activity of palladium aryl oxime ligand complexes encapsulated in either albumin or algal cellulose nanoparticles. *Colloids and Surfaces B: Biointerfaces*, 176, 70–79 (IF: 3.887).
- 66) A. Bahreyni, M. Alibolandi, **M. Ramezani**, A. Sarafan-Sadeghi, K. Abnous, S. M. Taghdisi (2019). A novel MUC1 aptamer-modified PLGA-epirubicin-PβAE-antimir-21 nanocomplex platform for targeted co-delivery of anticancer agents in vitro and in vivo. *Colloids and Surfaces B: Biointerfaces*, 175, 231–238 (IF: 3.887).
- 67) P. Bayat, S. M. Taghdisi, H. Rafatpanah, K. Abnous, **M. Ramezani\*** (2019). In vitro selection of CD70 binding aptamer and its application in a biosensor design for sensitive detection of SKOV-3 ovarian cells. *Talanta*, 194, 399-405 (IF: 4.916).
- 68) M. Rezaee, L. Gholami, M. Seddighi-Gildeh, **M. Ramezani\***, R. Kazemi-Oskuee (2019). Charge reduction: an efficient strategy to reduce toxicity and increase the transfection efficiency of high molecular weight polyethylenimine. *Journal of Pharmaceutical Investigation*, 49 (1), 105–114.
- 69) M. Afsharzadeh, K. Abnous, R. Yazdian–Robati, A. Ataranzadeh, **M. Ramezani\***, M. Hashemi (2019). Formulation and evaluation of anticancer and antiangiogenesis efficiency of PLA–PEG nanoparticles loaded with galbanic acid in C26 colon carcinoma, in vitro and in vivo. *Journal of Cellular Physiology*, 234, 6099–6107 (IF: 3.923).
- 70) S. Arabzadeh, Z. Amiri-Tehranizadeh, H. Moalemzadeh-Haghighi, F. Charbgoos, **M. Ramezani\***, F. Soltani (2019). Design, Synthesis, and in Vitro Evaluation of Low Molecular Weight Protamine (LMWP)-Based Amphiphilic Conjugates as Gene Delivery Carriers. *AAPS PharmSciTech* 20:111 (IF: 2.666).
- 71) S. H. Jalalian, **M. Ramezani**, S. A. Jalalian, K. Abnous, S. M. Taghdisi. Exosomes, new biomarkers in early cancer detection. *Analytical Biochemistry*, 571, 1-13 (IF: 2.507).
- 72) R. Yazdian-Robati, A. Arab, **M. Ramezani**, H. Rafatpanah, A. Bahreyni, M. Nabavinia, K. Abnous, M. Taghdisi (2019). Smart aptamer-modified calcium carbonate nanoparticles for controlled release and targeted delivery of epirubicin and melittin into cancer cells in vitro and in vivo. *Drug Development and Industrial Pharmacy*, 45 (4), 603-610 (IF: 2.367).

- 73) S. Hashemitabar, R. Yazdian-Robati, M. Hashemi, **M. Ramezani**, K. Abnous, F. Kalalinia (2019). ABCG2 aptamer selectively delivers doxorubicin to drug-resistant breast cancer cells. *Journal of Biosciences*, 44(2), 39 (IF: 1.823).

## 2018

- 74) F. Oroojalian, M. Babaei, S. M. Taghdisi, K. Abnous, **M. Ramezani\***, M. Alibolandi (2018). Encapsulation of thermo-responsive gel in pH-sensitive polymersomes as dual-responsive smart carriers for controlled release of doxorubicin. *Journal of Controlled Release*, 288, 45-61 (IF: 7.786).
- 75) F. Charbgo, M. Alibolandi, S. M. Taghdisi, K. Abnous, F. Soltani, **M. Ramezani\*** (2018). MUC1 aptamer-targeted DNA micelles for dual tumor therapy using doxorubicin and KLA peptide. *Nanomedicine: Nanotechnology, Biology, and Medicine*, 14(3), 685-697 (IF: 6.50).
- 76) F. Araste, K. Abnous, M. Hashemi, S. M. Taghdisi, **M. Ramezani\***, M. Alibolandi (2018). Peptide-based targeted therapeutics: Focus on cancer treatment. *Journal of Controlled Release*, 292, 141-162 (IF: 7.786).
- 77) Z. Yekke-ghasemi, R. Takjoo, **M. Ramezani\***, J. T. Maguec (2018). Molecular design and synthesis of new dithiocarbazate complexes; crystal structure, bioactivities and nano studies. *RSC Advances*, 8, 41795-41809 (IF: 2.936).
- 78) E. Pishavar, A. Attaranzadeh, M. Alibolandi, **M. Ramezani\***, M. Hashemi (2018). Modified PAMAM vehicles for effective TRAIL gene delivery to colon adenocarcinoma: in vitro and in vivo evaluation. *Artificial cells, Nanomedicine and Biotechnology*, 46 (3), S503-S513 (IF: 3.02).
- 79) Gholoobi, K. Abnous, **M. Ramezani**, F. Homaei-Shandiz, M. Darroudi, M. Ghayour-Mobarhan, Z. Meshkat (2018). Synthesis of  $\gamma$ -Fe<sub>2</sub>O<sub>3</sub> Nanoparticles Capped with Oleic Acid and their Magnetic Characterization. *Iranian Journal of Science and Technology, Transactions A: Science*, 42 (4), 1889-1893.
- 80) K. Abnous, N. M. Danesh, **M. Ramezani**, F. Charbgo, A. Bahreyni, S. M. Taghdisi (2018). Targeted delivery of doxorubicin to cancer cells by a cruciform DNA nanostructure composed of AS1411 and FOXM1 aptamers. *Expert Opinion on Drug Delivery*, 15 (11), 1045-1052 (IF: 5.553).
- 81) S. M. Taghdisi, N. M. Danesh, M. Alinezhad-Nameghi, **M. Ramezani**, M. Alibolandi, M. Hassanzadeh-Khayat, A. Sarreshtehdar-Emrani, K. Abnous (2019). A novel electrochemical aptasensor based on nontarget-induced high accumulation of methylene blue on the surface of electrode for sensing of  $\alpha$ -synuclein oligomer. *Biosensors and Bioelectronics*, 123, 14-18 (IF: 9.518).

- 82) N. Neyshaburinezhad, M. Hashemi, **M. Ramezani**, S. Arabzadeh, J. Behravan, F. Kalalinia (2018). The effects of crocetin, extracted from saffron, in chemotherapy against the incidence of multiple drug resistance phenotype. *Iranian Journal of Basic Medical Sciences*, 21, 1192-1197 (IF: 1.2).
- 83) Z. Salmasi, A. Mokhtarzadeh, M. Hashemi, M. Ebrahimian, S. Amel-Farзад, **M. Ramezani\***, H. Parhiz (2018). Effective and safe in vivo gene delivery based on polyglutamic acid complexes with heterocyclic amine modified-polyethylenimine. *Colloids and Surfaces B: Biointerfaces*, 172, 790-796 (IF: 3.887).
- 84) M. Mohammadi, S. Taghavi, K. Abnous, S. M. Taghdisi, **M. Ramezani\***, M. Alibolandi (2018). Hybrid Vesicular Drug Delivery Systems for Cancer Therapeutics. *Advanced Functional Materials*, 28 (36), DOI: 10.1002/adfm.201802136, (IF: 13.325).
- 85) P. Bayat, R. Nosrati, M. Alibolandi, H. Rafatpanah, K. Abnous, M. Khedri, **M. Ramezani\*** (2018). SELEX methods on the road to protein targeting with nucleic acid aptamers. *Biochimie*, 154, 132-155 (IF: 3.188).
- 86) S. M. Taghdisi, N. M. Danesh, **M. Ramezani**, A. S. Emrani, K. Abnous (2018). A Novel Electrochemical Aptasensor for Carcinoembryonic Antigen Detection Based on Target-induced Bridge Assembly. *Electroanalysis*, 30, 1726 – 1731 (IF: 3.012).
- 87) K. Abnous, N.M. Danesh, **M. Ramezani**, M. Alibolandi, S.M. Taghdisi (2018). A novel electrochemical sensor for bisphenol A detection based on nontarget-induced extension of aptamer length and formation of a physical barrier. *Biosensors and Bioelectronics*. 119, 204-208 (IF: 9.518).
- 88) F. H. Shamili, H. R. Bayegi, Z. Salmasi, K. Sadri, M. Mahmoudi, M. Kalantari, **M. Ramezani\***, K. Abnous (2018). Exosomes derived from TRAIL-engineered mesenchymal stem cells with effective anti-tumor activity in a mouse melanoma model. *International Journal of Pharmaceutics*, 549, 218-229 (IF: 3.862).
- 89) M. P. Shirani, B. Rezaei, T. Khayamian, M. Dinari, F. H. Shamili, **M. Ramezani**, M. Alibolandi (2018). Ingenious pH-sensitive etoposide loaded folic acid decorated mesoporous silica-carbon dot with carboxymethyl- $\beta$ -cyclodextrin gatekeeper for targeted drug delivery and imaging. *Materials Science and Engineering C*, 92, 892-901 (IF: 5.08).
- 90) M. Afsharzadeh, M. Hashemi, A. Mokhtarzadeh, K. Abnous, **M. Ramezani\*** (2018). Recent advances in co-delivery systems based on polymeric nanoparticle for cancer treatment. *Artificial Cells, Nanomedicine, and Biotechnology*, 46(6), 1095-1110 (IF: 3.02).
- 91) M. Alibolandi, F. H. Shamili, M. Mohammadi, P. Ramezani, E. Einafshar, S. M. Taghdisi, **M. Ramezani\***, K. Abnous (2018). Curcumin-entrapped MUC-1 aptamer targeted dendrimer-gold hybrid nanostructure as a theranostic system for colon adenocarcinoma. *International Journal of Pharmaceutics*, 549, 67-75 (IF: 3.862).
- 92) M. Mohammadi, M. Alibolandi, K. Abnous, Z. Salmasi, M. R. Jaafari, **M. Ramezani\*** (2018). Fabrication of hybrid scaffold based on hydroxyapatite-biodegradable nanofibers incorporated with liposomal formulation of BMP-2 peptide for bone tissue engineering. *Nanomedicine: Nanotechnology, Biology, and Medicine*, 14(7), 1987-1997 (IF: 6.50).

- 93) A. S. Sadeghi, N. Ansari, **M. Ramezani**, K. Abnous, M. Mohsenzadeh, S. M. Taghdisi, M. Alibolandi (2018). Optical and electrochemical aptasensors for the detection of amphenicols. *Biosensors and Bioelectronics*, 118, 137-152 (IF: 9.518).
- 94) K. Abnous, N. M. Danesh, **M. Ramezani**, S. M. Taghdisi, A. S. Emrani (2018). A novel amplified double-quenching aptasensor for cocaine detection based on split aptamer and silica nanoparticles. *Analytical Methods*, 26(10), (IF: 2.073).
- 95) S. H. Jalalian, **M. Ramezani**, N. M. Danesh, M. Alibolandi, K. Abnous, S. M. Taghdisi (2018). A novel electrochemical aptasensor for detection of aflatoxin M1 based on target-induced immobilization of gold nanoparticles on the surface of electrode. *Biosensors and Bioelectronics*, 117, 487-492 (IF: 9.518).
- 96) F. Kalalinia, H. Ghasim, S. A. Farzad, E. Pishavar, **M. Ramezani**, M. Hashemi (2018). Comparison of the effect of crocin and crocetin, two major compounds extracted from saffron, on osteogenic differentiation of mesenchymal stem cells. *Life Sciences*, 208, 262-268 (IF: 3.234).
- 97) S. M. Taghdisi, N. M. Danesh, **M. Ramezani**, K. Abnous (2018). A new amplified fluorescent aptasensor based on hairpin structure of G-quadruplex oligonucleotide-Aptamer chimera and silica nanoparticles for sensitive detection of aflatoxin B1 in the grape juice. *Food Chemistry*, 268, 342-346 (IF: 4.946).
- 98) R. Nosrati, S. Dehghani, B. Karimi, M. Yousefi, S. M. Taghdisi, K. Abnous, M. Alibolandi, **M. Ramezani\*** (2018). Siderophore-based biosensors and nanosensors; new approach on the development of diagnostic systems, *Biosensors and Bioelectronics*, 117, 1-14 (IF: 9.518).
- 99) M. Nejabat, M. Mohammadi, K. Abnous, S. M. Taghdisi, **M. Ramezani\***, M. Alibolandi (2018). Fabrication of acetylated carboxymethylcellulose coated hollow mesoporous silica hybrid nanoparticles for nucleolin targeted delivery to colon adenocarcinoma, *Carbohydrate Polymers*, 197, 157-166 (IF: 4.81).
- 100) Alibolandi, S. A. Farzad, M. Mohammadi, K. Abnous, S. M. Taghdisi, F. Kalalinia, **M. Ramezani\*** (2018). Tetrac-decorated chitosan-coated PLGA nanoparticles as a new platform for targeted delivery of SN38. *Artificial Cells, Nanomedicine, and Biotechnology*, 46(sup2), 1003-1014 (IF: 3.02).
- 101) S. M. Taghdisi, N. M. Danesh, **M. Ramezani**, A. Sarreshtehdar-Emrani, K. Abnous (2018). Novel colorimetric aptasensor for zearalenone detection based on nontarget-induced aptamer walker, gold nanoparticles, and exonuclease-assisted recycling amplification, *ACS Applied Materials and Interfaces*, 10 (15), 12504-12509 (IF: 8.097).
- 102) A. Bahreyni, R. Yazdian-Robati, **M. Ramezani**, K. Abnous (2018). Fluorometric aptasensing of the neonicotinoid insecticide acetamiprid by using multiple complementary strands and gold nanoparticles. *Microchimica Acta*, 185: 272 (IF: 4.580).
- 103) A. Hashem-Nia, S. Rezaeian, H. Eshghi, K. Haghbeen, M. Bakavoli, **M. Ramezani\*** (2018). Synthesis and evaluation of apoptosis induction levels of carbamate- and thiocarbamate-functionalized multi-walled carbon nanotubes. *Journal of the Iranian Chemical Society*, 15 (5), 1097-1106 (IF: 1.12).

- 104) S. M. Tghdisi, N. M. Danesh, **M. Ramezani**, R. Yazdian-Robati, K. Abnous (2018). A Novel AS1411 Aptamer-Based Three-Way Junction Pocket DNA Nanostructure Loaded with Doxorubicin for Targeting Cancer Cells in Vitro and in Vivo. *Molecular Pharmaceutics*, 15 (5), 1972-1978 (**IF: 4.44**).
- 105) S. Dehghani, N. M. Danesh, **M. Ramezani**, M. Alibolandi, P. Lavaee, M. Nejabat, K. Abnous, S. M. Taghdisi (2018). A label-free fluorescent aptasensor for detection of kanamycin based on dsDNA-capped mesoporous silica nanoparticles and Rhodamine B Author links open overlay panel. *Microchimica Acta*, 1030, 142-147 (**IF: 4.580**).
- 106) K. Abnous, N. M. Danesh, **M. Ramezani**, S. M. Taghdisi, A. S. Emrani (2018). A novel colorimetric aptasensor for ultrasensitive detection of cocaine based on the formation of three-way junction pockets on the surfaces of gold nanoparticles. *Analytica Chimica Acta*, 1020, 110-115 (**IF: 5.256**).
- 107) S. Dehghani, R. Nosrati, M. Yousef, A. Nezami, F. Soltani, S. M. Taghdisi, K. Abnous, M. Alibolandi, **M. Ramezani\*** (2018). Aptamer-based biosensors and nanosensors for the detection of vascular endothelial growth factor (VEGF): A review. *Biosensors and Bioelectronics*, 110, 23-37 (**IF: 9.518**).
- 108) E. Einafshar, A. Haghighi Asl, A. H. Nia, M. Mohammadi, A. Malekzadeh, **M. Ramezani\*** (2018). New cyclodextrin-based nanocarriers for drug delivery and phototherapy using an irinotecan metabolite. *Carbohydrate Polymers*, 194, 103-110 (**IF: 4.81**).
- 109) E. Bagheri, L. Ansari, K. Abnous, S. M. Taghdisi, F. Charbgoon, **M. Ramezani\***, M. Alibolandi\* (2018). Silica based hybrid materials for drug delivery and bioimaging. *Journal of Controlled Release*, 277, 57-76 (**IF: 7.786**).
- 110) S. Dolati, **M. Ramezani**, M. Nabavinia, V. Soheili, K. Abnous, S. M. Taghdisi (2018). Selection of specific aptamer against enrofloxacin and fabrication of graphene oxide based label-free fluorescent assay. *Analytical Biochemistry* 549, 124–129 (**IF: 2.2.19**).
- 111) M. Alibolandi, K. Abnous, S. Anvari, M. Mohammadi, **M. Ramezani\***, S. M. Taghdisi (2018). CD133-targeted delivery of self-assembled PEGylated carboxymethylcellulose-SN38 nanoparticles to colorectal cancer. *Artificial Cells, Nanomedicine, and Biotechnology*, 46(sup1), 1159-1169 (**IF: 3.02**).
- 112) A. Sarafan, M. Mohsenzadeh, K. Abnous, S. M. Taghdisi, **M. Ramezani\*** (2018). Development and characterization of DNA aptamers against florfenicol: Fabrication of a sensitive fluorescent aptasensor for specific detection of florfenicol in milk. *Talanta* 182, 193–201 (**IF: 4.916**).
- 113) K. Abnous, N. M. Danesh, **M. Ramezani**, M. Alibolandi, A. S. Emrani, P. Lavaee, S. M. Taghdisi (2018). A colorimetric gold nanoparticle aggregation assay for malathion based on target-induced hairpin structure assembly of complementary strands of aptamer. *Microchimica Acta*, 185: 216 (**IF: 4.580**).

- 114) **M. Ramezani**, J. Shamsara (2018). An integrated structure- and pharmacophore-based MMP-12 virtual screening. *Journal of Molecular Diversity*, (doi.org/10.1007/s11030-017-9804-1) (IF: 1.896).
- 115) M. Shahdordizadeh, R. Yazdian-Robati, N. Ansari, **M. Ramezani**, K. Abnous, S. M. Taghdisi (2018). An aptamer-based colorimetric lead(II) assay based on the use of gold nanoparticles modified with dsDNA and exonuclease I. *Microchimica Acta*, 185: 151 (IF: 4.580).
- 116) H. Jalalian, N. Karimabadi, **M. Ramezani**, K. Abnous, S. M. Taghdisi (2018). Electrochemical and optical aptamer-based sensors for detection of tetracyclines. *Trends in Food Science & Technology*, 73, 45-57 (IF: 5.191).
- 117) M. Mohammadi, S. A. Mousavi Shaegh, M. Alibolandi, M. H. Ebrahimzadeh, A. Tamayol, M. R. Jaafari, **M. Ramezani\*** (2018). Micro and nanotechnologies for bone regeneration: Recent advances and emerging designs, *Journal of Controlled Release*, 274, 35-55 (IF: 7.786).
- 118) F. Charbgoon, M. Nejabat, K. Abnous, F. Soltani, S. M. Taghdisi, M. Alibolandi, W. T. Shier, T. W. J. Steele, **M. Ramezani\*** (2018). Gold nanoparticle should understand protein corona for being a clinical nanomaterial, *Journal of Controlled Release*, 272, 39-53 (IF: 7.786).
- 119) N. M. Danesh, R. Yazdian-Robati, **M. Ramezani**, M. Alibolandi, K. Abnous, S. M. Taghdisi (2018). A label-free aptasensor for carcinoembryonic antigen detection using three-way junction structure and ATMND as a fluorescent probe. *Sensors and Actuators B*, 256, 408–412 (IF: 5.401).
- 120) S. H. Jalalian, **M. Ramezani**, K. Abnous, S. M. Taghdisi (2018). Targeted co-delivery of epirubicin and NAS-24 aptamer to cancer cells using selenium nanoparticles for enhancing tumor response *in vitro* and *in vivo*. *Cancer Letters*, 416, 87-93 (IF: 6.375).
- 121) S. M. Taghdisi, N. M. Danesh, **M. Ramezani**, A. S. Emrani, K. Abnous (2018). A simple and rapid fluorescent aptasensor for ultrasensitive detection of arsenic based on target-induced conformational change of complementary strand of aptamer and silica nanoparticles. *Sensors and Actuators B*, 256, 472–478 (IF: 5.401).
- 122) N. M. Danesh, H. Badie Bostan, K. Abnous, **M. Ramezani**, K. Youssefi, S. M. Taghdisi, G. Karimi (2018). Ultrasensitive detection of aflatoxin B1 and its major metabolite aflatoxin M1 using aptasensors: A review, *Trends in Analytical Chemistry*, 99, 117-128 (IF: 8.442).
- 123) N. Ansari, K. Ghazvini, **M. Ramezani**, M. Shahdordizadeh, R. Yazdian-Robati, K. Abnous, S. M. Taghdisi (2018). Selection of DNA aptamers against *Mycobacterium tuberculosis* Ag85A, and its application in a graphene oxide-based fluorometric assay. *Microchimica Acta*, 185, 21 (IF: 4.580).
- 124) S. H. Rajabnejad, A. Mokhtarzadeh, K. Abnous, S. M. Taghdisi, **M. Ramezani**, B. M. Razavi (2018). Targeted delivery of melittin to cancer cells by AS1411 anti-nucleolin aptamer. *Drug Development and Industrial Pharmacy*, 44(6), 982-987 (IF: 2.1).

- 125) A. Danesh, J. Behravan, **M. Ramezani**, Z. S. Noghabi (2018). Development of a Plaque Reduction Assay as an Antiphage Activity Evaluation Method. *Research in Molecular Medicine*, 3 (3), 23-27.

## 2017

- 126) M. Alibolandi, K. Abnous, M. Mohammadi, F. Hadizadeh, F. Sadeghi, S. Taghavi, M. R. Jaafari, **M. Ramezani\*** (2017). Extensive preclinical investigation of polymersomal formulation of doxorubicin versus Doxil-mimic formulation. *Journal of Controlled Release*, 264, 228–236 (IF: 7.786).
- 127) K. Abnous, N. M. Danesh, M. Alibolandi, M. Ramezani, A. S. Emrani, R.eza Zolfaghari, S. M. Taghdisi (2017). A new amplified  $\pi$ -shape electrochemical aptasensor for ultrasensitive detection of aflatoxin B1. *Biosensors and Bioelectronics*, 94, 374-379 (IF: 9.518).
- 128) S. M. Taghdisi, N. M. Danesh, **M. Ramezani**, R.Yazdian-Robati, K. Abnous (2017). An amplified fluorescent aptasensor based on single-stranded DNA binding protein, copper and silica nanoparticles for sensitive detection of interferon-gamma. *Analytica Chimica Acta*, 984, 162-167 (IF: 5.256).
- 129) S. Ayatollahi, Z. Salmasi, M. Hashemi, R. Kazemi Oskuee, S. Askarian, K. Abnous, **M. Ramezani\*** (2017). Aptamer-targeted delivery of Bcl-xL shRNA using alkyl modified PAMAM dendrimers into lung cancer cells. *International Journal of Biochemistry & Cell Biology*, 92, 210-217 (IF: 3.5).
- 130) M. Shahdordizadeh, S. M. Taghdisi, M. Sankian, **M. Ramezani\***, K. Abnous (2017). Design, isolation and evaluation of the binding efficiency of a DNA aptamer against interleukin 2 receptor alpha, in vitro. *International Immunopharmacology*, 53, 96–104 (IF: 2.956).
- 131) M. Khedri, K. Abnous, H. Rafatpanah, **M. Ramezani\*** (2017). An optimized protocol for the in vitro generation and functional analysis of human PD1/PD-L1 signal. *Journal of Receptors and Signal Transduction*, 38 (1), 31-36 (IF: 2.2).
- 132) R. Nosrati, B. Golichenari, A. Nezami, S. M. Taghdisi, B. Karimi, **M. Ramezani**, K. Abnous, S. A. Mousavi-Shaegh (2017). Helicobacter pylori point-of-care diagnosis: Nano-scale biosensors and microfluidic systems. *TrAC Trends in Analytical Chemistry*, 97, 428-444 (IF: 7.034).
- 133) M. Ebrahimian, M. Hashemi, M. Maleki, G. Hashemitabar, K. Abnous, **M. Ramezani**, A. Haghparast (2017). Co-delivery of dual toll-like receptor agonists and antigen in poly(lactic-co-glycolic) acid/polyethylenimine cationic hybrid nanoparticles promote efficient in vivo immune responses. *Frontiers in Immunology*, 8, 1077 (IF: 6.429).
- 134) M. Alibolandi, R. Rezvani, S. A. Farzad, S. M. Taghdisi, K. Abnous, **M. Ramezani\*** (2017). Tetrac-conjugated polymersomes for integrin-targeted delivery of camptothecin to colon adenocarcinoma in vitro and in vivo. *International Journal of Pharmaceutics*, 532, 581-594 (IF: 3.862).



- 135) M. Ebrahimian, S. Taghavi, M. Ghoreishi, S. Sedghi, S. Amel-Farзад, **M. Ramezani**, M. Hashemi (2017). Evaluation of Efficiency of modified polypropylenimine (PPI) with alkyl chains as non-viral vectors used in co-delivery of doxorubicin and TRAIL plasmid. *AAPS PharmSciTech*, 19 (3), 1029-1036 (IF: 2.451).
- 136) M. Alibolandi, M. Mohammadi, S. M. Taghdisi, K. Abnous, **M. Ramezani\*** (2017). Synthesis and preparation of biodegradable hybrid dextran hydrogel incorporated with biodegradable curcumin nanomicelles for full thickness wound healing. *International Journal of Pharmaceutics*, 532, 466-477 (IF: 3.862).
- 137) **M. Ramezani**, J. Shamsara (2017). Virtual Screening on MMP-13 Led to Discovering New Inhibitors Including a Non-Zinc Binding and a Micro Molar One: A Successful Example of Receptor Selection According to Cross-Docking Results for a Flexible Enzyme. *Combinatorial Chemistry & High Throughput Screening*, 20(8), 719-725 (IF: 1.222).
- 138) F. Oroojalian, A. H. Rezayan, W. T. Shier, K. Abnous, **M. Ramezani\*** (2017). Megalin-targeted enhanced transfection efficiency in cultured human HK-2 renal tubular proximal cells using aminoglycoside-carboxyalkyl polyethylenimine-containing nanoplexes. *International Journal of Pharmaceutics*, 523, 102-120 (IF: 3.862).
- 139) F. Taghavi, M. Gholizadeh, A. S. Saljooghi, **M. Ramezani** (2017). Cu(II) immobilized on Fe<sub>3</sub>O<sub>4</sub>@APTMS-DFX nanoparticles: an efficient catalyst for the synthesis of 5-substituted 1H-tetrazoles with cytotoxic activity. *Med. Chem. Commun.*, 8, 1953-1964 (IF: 3.289).
- 140) K. Abnous, N. M. Danesh, **M. Ramezani**, S. M. Taghdisi (2017). Colorimetric determination of the microcystin leucine-arginine based on the use of a hairpin aptamer, graphene oxide, and Methylene Blue acting as an optical probe. *Microchimica Acta*, 184 (10), 4151-4157 (IF: 4.580).
- 141) R. Yazdian-Robati, **M. Ramezani**, M. Khedri, N. Ansari, K. Abnous, S. M. Taghdisi (2017). An aptamer for recognizing the transmembrane protein PDL-1 (programmed death-ligand 1), and its application to fluorometric single cell detection of human ovarian carcinoma cells. *Microchimica Acta*, 184 (10), 4029–4035 (IF: 4.580).
- 142) K. Abnous, N. M. Danesh, **M. Ramezani**, M. Alibolandi, K. Yousefi Hassanabad, A. S. Emrani, A. Bahreyni, S. M. Taghdisi 2017. A triple-helix molecular switch-based electrochemical aptasensor for interferon-gamma using a gold electrode and Methylene Blue as a redox probe. *Microchimica Acta*, 184 (10), 4151–4157 (IF: 4.580).
- 143) S. M. Taghdisi, N. M. Danesh, **M. Ramezani**, M. Alibolandi, K. Abnous (2017). Voltammetric determination of lead(II) by using exonuclease III and gold nanoparticles, and by exploiting the conformational change of the complementary strand of an aptamer. *Microchimica Acta*, 184, (8), 2783–2790 (IF: 4.580).
- 144) P. Lavaee, N. M. Danesh, M. Ramezani, K. Abnous, S. M. Taghdisi (2017). Colorimetric aptamer based assay for the determination of fluoroquinolones by triggering the reduction-catalyzing activity of gold nanoparticles. *Microchimica Acta*, 184 (7)0, 2039–2045 (IF: 4.580).

- 145) M. S. Nabavinia, A. Gholoobi, F. Charbgo, M. Nabavinia, **M. Ramezani\***, K. Abnous (2017). Anti-MUC1 aptamer: A potential opportunity for cancer treatment. *Medicinal Research Reviews*, 37 (6), 1518-1539 (IF: 8.763).
- 146) H. Ahmadi, **M. Ramezani**, R. Yazdian-Robati, B. Behnam, K. Razavi-Azarkhiavi, A. Hashem Nia, A. Mokhtarzadeh, M. Matbou-Riahi, B. M. Razavi, K. Abnous (2017). Acute toxicity of functionalized single wall carbon nanotubes: A biochemical, histopathologic and proteomics approach. *Chemico-Biological Interactions*, 275, 196-209 (IF: 2.577).
- 147) M. S. Nabavinia, F. Charbgo, M. Alibolandi, **M. Ramezani**, K. Abnous (2017). Comparison of flow cytometry and ELISA for screening of proper candidate aptamer in Cell-SELEX pool. *Applied Biochemistry and Biotechnology*, 1-9 (IF: 1.429).
- 148) M. S. Nabavinia, **M. Ramezani**, A. Gholoobi, M. Naderinasab, Z. Meshkat (2017). Construction of Mtb72F plasmid as a DNA vaccine candidate for *Mycobacterium tuberculosis*. *Reports of Biochemistry and Molecular Biology*, 6(1), 95-101.
- 149) M. Babaei, K. Abnous, S. M. Taghdisi, S. A. Farzad, M. T. Peivandi, **M. Ramezani\***, M. Alibolandi (2017). Synthesis of theranostic epithelial cell adhesion molecule targeted mesoporous silica nanoparticle with gold gatekeeper for hepatocellular carcinoma. *Nanomedicine*, 12 (11), 1261-1279 (IF: 4.727).
- 150) S. Askarian, K. Abnous, S. Ayatollahi, S. Amel Farzad, R. Kazemi Oskuee, **M. Ramezani\*** (2017). PAMAM-pullulan conjugates as targeted gene carriers for liver cell. *Carbohydrate Polymers*, 157, 929-937 (IF: 4.81).
- 151) A. Bahreyni, R. Yazdian-Robati, S. Hashemitabar, **M. Ramezani**, P. Ramezani, K. Abnous, S. M. Taghdisi (2017). A new chemotherapy agent-free theranostic system composed of graphene oxide nano-complex and aptamers for treatment of cancer cells. *International Journal of Pharmaceutics*, 526 (1-2), 391-399 (IF: 3.862).
- 152) K. Abnous, N. M. Danesh, **M. Ramezani**, R. Yazdian-Robati, M. Alibolandi, S. M. Taghdisi (2017). A novel chemotherapy drug-free delivery system composed of three therapeutic aptamers for the treatment of prostate and breast cancers in vitro and in vivo. *Nanomedicine: Nanotechnology, Biology and Medicine*, 13 (6), 1933-1940 (IF: 6.50).
- 153) F. Oroojalian, A. H. Rezayan, F. Mehrnejad, A. Hashemnia, W. T. Shier, K. Abnous, **M. Ramezani\*** (2017). Efficient megalin targeted delivery to renal proximal tubular cells mediated by modified-polymyxin B-polyethylenimine based nano-gene-carriers. *Materials Science and Engineering C*, 79, 770-782 (IF: 5.08).
- 154) S. Taghavi, **M. Ramezani**, M. Alibolandi, K. Abnous, S. M. Taghdisi (2017). Chitosan-modified PLGA nanoparticles tagged with 5TR1 aptamer for in vivo tumor-targeted drug delivery. *Cancer letters*, 400, 1-8 (IF: 6.375).
- 155) H. Badie Bostan, N. M. Danesh, G. Karimi, **M. Ramezani**, S. A. Mousavi Shaegh, K. Youssefi, F. Charbgo, K. Abnous, S. M. Taghdisi (2017). Ultrasensitive detection of ochratoxin A using aptasensors. *Biosensors and Bioelectronics*, 98, 168-179 (IF: 9.518).
- 156) R. Yazdian-Robati, A. Arab, **M. Ramezani**, K. Abnous, S.M. Taghdisi (2017). Application of aptamers in treatment and diagnosis of leukemia. *International Journal of Pharmaceutics*, 529 (1-2), 44-54 (IF: 3.862).

- 157) F. Charbgo, **M. Ramezani**, M. Darroudi (2017). Bio-sensing applications of cerium oxide nanoparticles: Advantages and disadvantages. *Biosensors and Bioelectronics*, 96, 33-43 (IF: 9.518).
- 158) A. Bahreyni, R. Yazdian-Robati, **M. Ramezani**, M. Rasouli, M. Alinezhad Nameghi, M. Alibolandi, K. Abnous, S. M. Taghdisi (2017). Identification and imaging of leukemia cells using dual-aptamer-functionalized graphene oxide complex. *Journal of Biomaterials Applications*, 31 (1), 74-81 (IF: 2.31).
- 159) S. M. Taghdisi, N. M. Danesh, **M. Ramezani**, N. Ghows, S. A. M. Shaegh, K. Abnous (2017). A novel fluorescent aptasensor for ultrasensitive detection of microcystin-LR based on single-walled carbon nanotubes and dapoxy. *Talanta*, 166, 187–192 (IF: 4.916).
- 160) **M. Ramezani**, M. Ebrahimian, M. Hashemi (2017). Current Strategies in the modification of PLGA-based gene delivery system. *Current Medicinal Chemistry*, 24, 728-739 (IF: 3.455).
- 161) M. Nejabat, F. Charbgo, **M. Ramezani\*** (2017). Graphene as multi-functional delivery platform in cancer therapy. *Journal of Biomedical Materials Research Part A*, 105(8), 2355-2367 (IF: 3.263).
- 162) M. Alibolandi, S. M. Taghdisi, P. Ramezani, F. Hosseini Shamili, S. A. Farzad, K. Abnous, **M. Ramezani\*** (2017). Smart AS1411-aptamer conjugated pegylated PAMAM dendrimer for the superior delivery of camptothecin to colon adenocarcinoma in vitro and in vivo. *International Journal of Pharmaceutics*, 519, 352-364 (IF: 3.862).
- 163) K. Abnous, N. M. Danesh, M. Alibolandi, **M. Ramezani**, A. S. Emrani, R. Zolfaghari, S. M. Taghdis (2017). A new amplified  $\pi$ -shape electrochemical aptasensor for ultrasensitive detection of aflatoxin B 1. *Biosensors and Bioelectronics*, 94, 374-379 (IF: 9.518).
- 164) J. Ranjbari, A. Mokhtarzadeh, A. Alibakhshi, M. Tabarzad, M. Hejazi, **M. Ramezani\*** (2017). Anti-cancer drug delivery using carbohydrate-based polymers. *Current Pharmaceutical Design*, 23 (39), 6019-6032 (IF: 2.611).
- 165) M. Ebrahimian, S. Taghavi, A. Mokhtarzadeh, **M. Ramezani**, M. Hashemi (2017). Co-delivery of doxorubicin encapsulated PLGA nanoparticles and Bcl-xL shRNA using alkyl-modified PEI into breast cancer cells. *Applied Biochemistry and Biotechnology* 183 (1), 126-136 (IF: 1.751).
- 166) A. Hashemnia, B. Behnam, S. Taghavi, F. Oroojalian, H. Eshghi, W. T. Shier, K. Abnous, **M. Ramezani\*** (2017). Evaluation of chemical modification effects on DNA plasmid transfection efficiency of single walled carbon nanotube–succinate–polyethylenimine conjugates as non-viral gene carriers. *MedChemComm*, 8, 364 (IF: 2.608).
- 167) A. Hashemnia, H. Eshghi, K. Abnous, **M. Ramezani\*** (2017). The intracellular delivery of plasmid DNA using cationic reducible carbon nanotube—Disulfide conjugates of polyethylenimine. *European Journal of Pharmaceutical Sciences*, 100, 176–186 (IF: 3.756).

- 168) A. Gholoobi, Z. Meshkat, K. Abnous, M. Ghayour-Mobarhan, **M. Ramezani**, F. Homaei Shandiz, K.D. Verma, M. Darroudi (2017). Biopolymer-mediated synthesis of Fe<sub>3</sub>O<sub>4</sub> nanoparticles and investigation of their in vitro cytotoxicity effects. *Journal of Molecular Structure*, 1141, 594–599 (IF: 1.753).
- 169) M. Babaei, S. H. Jalalian, H. Bakhtiari, **M. Ramezani**, K. Abnous, S. M. Taghdisi (2017). Aptamer-based fluorescent switch for sensitive detection of oxytetracycline. *Australian Journal of Chemistry*, 70 (6) 718-723 (IF: 1.427).
- 170) R. Yazdian–Robati, H. Ahmadi, M. M. Riahi, P. Lari, S. A. Aledavood, M. Rashedinia, K. Abnous, **M. Ramezani\*** (2017). Comparative proteome analysis of human esophageal cancer and adjacent normal tissues. *Iranian Journal of Basic Medical Sciences*, 20 (3), 265-271 (IF: 1424).
- 171) N. S. Alamolhodaie, A. M. Tsatsakis, **M. Ramezani**, M. A. Wallace Hayes, G. Karimi (2017). Resveratrol as MDR reversion molecule in breast cancer: An overview. *Food and Chemical Toxicology*, 103, 223-232 (IF: 3.778).
- 172) A. Mokhtarzadeh, A. Alibakhshi, M. Hashemi, M. Hejazi, V. Hosseini, M. Guardia, **M. Ramezani\*** (2017). Biodegradable nano-polymers as delivery vehicles for therapeutic small non-coding ribonucleic acids. *Journal of Controlled Release*, 245, 116–126 (IF: 7.786).
- 173) K. Abnous, N. M. Danesh, M. Alibolandi, **M. Ramezani**, S. M. Taghdisi (2017). Amperometric aptasensor for ochratoxin A based on the use of a gold electrode modified with aptamer, complementary DNA, SWCNTs and the redox marker Methylene Blue. *Microchimica Acta*, 184, 1151-1159 (IF: 4.580).
- 174) M. Ghavim, K. Abnous, F. Arasteh, S. Taghavi, M. Nabavinia, M. Alibolandi, **M. Ramezani\*** (2017). High level expression of recombinant human growth hormone in *Escherichia coli*: crucial role of translation initiation region. *Research in Pharmaceutical Sciences*, 12 (2), 168-175.
- 175) S. M. Taghdisi, N. M. Danesh, **M. Ramezani**, K. Abnous (2017). Electrochemical aptamer based assay for the neonicotinoid insecticide acetamiprid based on the use of an unmodified gold electrode. *Microchimica Acta*, 184, 499-505 (IF: 4.580).
- 176) M. Mohammadi, **M. Ramezani**, K. Abnous, M. Alibolandi (2017). Biocompatible polymersomes-based cancer theranostics: Towards multifunctional nanomedicine. *International Journal of Pharmaceutics*, 519 (1–2), 287–303 (IF: 3.862)
- 177) M. Babaei, H. Eshghi, K. Abnous, M. Rahimizadeh, **M. Ramezani\*** (2017). Promising gene delivery system based on polyethylenimine-modified silica nanoparticles. *Cancer Gene Therapy*, 24(4), 156-164 (IF: 3.652).
- 178) J. Mosafer, K. Abnous, M. Tafaghodi, A. Mokhtarzadeh, **M. Ramezani\*** (2017). In vitro and in vivo evaluation of anti-nucleolin-targeted magnetic PLGA nanoparticles loaded with doxorubicin as a theranostic agent for enhanced targeted cancer imaging and therapy. *European Journal of Pharmaceutics and Biopharmaceutics*, 113, 60–74 (IF: 4.159).

- 179) M. Shahdordizadeh, S. M. Taghdisi, N. Ansari, F. A. Langroodi, K. Abnous, **M. Ramezani\*** (2017). Aptamer based biosensors for detection of *Staphylococcus aureus*. *Sensors and Actuators B*, 241, 619–635 (IF: 5.401).
- 180) S. Taghavi, A. Hashem Nia, K. Abnous, **M. Ramezani\*** (2017). Polyethylenimine-functionalized carbon nanotubes tagged with AS1411 aptamer for combination gene and drug delivery into human gastric cancer cells. *International Journal of Pharmaceutics*, 516 (1–2), 301–312 (IF: 3.862).
- 181) S. Dolati, **M. Ramezani**, K. Abnous, S. M. Taghdisi (2017). Recent nucleic acid based biosensors for Pb<sup>2+</sup> detection. *Sensors and Actuators B: Chemical*, 246, 864–878 (IF: 5.401).
- 182) H. Faraji, **M. Ramezani**, H. R. Sadeghnia, K. Abnous, F. Soltani, B. Mashkani (2017). High-Level Expression of a Biologically Active Staphylokinase in *Pichia pastoris*. *Preparative Biochemistry and Biotechnology*, 47 (4), 379–387 (IF: 1.361).
- 183) J. Mosafer, K. Abnous, M. Tafaghodi, H. Jafarzadeh, **M. Ramezani\*** (2017). Preparation and characterization of uniform-sized PLGA nanospheres encapsulated with oleic acid-coated magnetic-Fe<sub>3</sub>O<sub>4</sub> nanoparticles for simultaneous diagnostic and therapeutic applications. *Colloids and Surfaces A: Physicochem. Eng. Aspects*, 514, 146–154 (IF: 2.714).
- 184) J. Mosafer, M. Teymouri, K. Abnous, M. Tafaghodi, **M. Ramezani\*** (2017). Study and evaluation of nucleolin-targeted delivery of magnetic PLGA-PEG nanospheres loaded with doxorubicin to C6 glioma cells compared with low nucleolin-expressing L929 cells. *Materials Science and Engineering C*, 72, 123–133 (IF: 5.08).
- 185) K. Abnous, N. M. Danesh, **M. Ramezani**, M. Alibolandi, P. Lavaee, S. M. Taghdisi (2017). Aptamer based fluorometric acetamiprid assay using three kinds of nanoparticles for powerful signal amplification. *Microchimica Acta*, 184 (1), 81–90 (IF: 4.580).
- 186) K. Abnous, N. M. Danesh, M. Alibolandi, **M. Ramezani**, S. M. Taghdisi, A.S. Emrani (2017). A novel electrochemical aptasensor for ultrasensitive detection of fluoroquinolones based on single-stranded DNA-binding protein. *Sensors and Actuators, B: Chemical*, 240, 100–106 (IF: 5.401).
- 187) Z. Hafezi Ghahestani, F. Alebooye Langroodi, A. Mokhtarzadeh, **M. Ramezani**, M. Hashemi (2017). Evaluation of anti-cancer activity of PLGA nanoparticles containing crocetin. *Artificial Cells, Nanomedicine, and Biotechnology*, 45 (5), 955–960 (IF: 3.02).
- 188) M. Alibolandi, M. Mohammadi, S. M. Taghdisi, **M. Ramezani\***, K. Abnous (2017). Fabrication of aptamer decorated dextran coated nano-graphene oxide for targeted drug delivery. *Carbohydrate Polymers*, 155, 218–229 (IF: 4.811).
- 189) R. Yazdian–Robati, H. Ahmadi, M. Matbou Riahi, P. Lari, S. A. Aledavood, M. Rashedinia, K. Abnous, **M. Ramezani\*** (2017). Comparative proteome analysis of human esophageal cancer and adjacent normal tissues. *Iranian Journal of Basic Medical Sciences*, 20 (3), 265–271 (IF: 1.424).
- 190) Hamzian, M. Hashemi, M. Ghorbani, **M. Ramezani**, M. H. B. Toosi (2017). Preparation, optimization and toxicity evaluation of (SPION-PLGA) ±PEG nanoparticles

loaded with gemcitabine as a multifunctional nanoparticle for therapeutic and diagnostic applications. *Iranian Journal of Pharmaceutical Research*, 16 (1), 8-21 (IF: 1.352).

- 191) M. Oladi, A. Sazgarnia, M. R. Ghavam Nasiri, M. Amrollahi, H. Parhiz, **M. Ramezani\*** (2017). In vivo time-dependent radio-protective effect of lycopene against whole-body gamma radiation in mice. *Iranian Red Crescent Medical Journal*, 19 (2), e19624 (IF: 0.865).
- 192) E. Pishavar, M. Shafiei, S. Mehri, **M. Ramezani\***, K. Abnous (2017). The effects of polyethylenimine/DNA nanoparticle on transcript levels of apoptosis-related genes. *Drug and Chemical Toxicology*, 40 (4), 406-409 (IF: 1.732)..
- 193) N. Khaghanzadeh, A. Samiei, Z. Mojtahedi, **M. Ramezani**, M. Hosseinzadeh, A. Ghaderi (2017). Umbelliprenin induced both anti-inflammatory and regulatory cytokines in C57/BL6 mice. *Iranian Journal of Basic Medical Sciences*, 20 (7), 829-834 (IF:1.424).

## 2016

- 194) M. Shahdordizadeh, R. Yazdian-Robati, **M. Ramezani**, K. Abnous, S. M. Taghdisi (2016). Aptamer applications in targeted delivery systems for diagnosis and treatment of breast cancer. *Journal of Materials Chemistry B*, 4, 7766-7778 (IF: 4.543).
- 195) M. Ebrahimian, M. Hashemi, M. Maleki, K. Abnous, G. Hashemitabar, **M. Ramezani\***, A. Haghparast (2016). Induction of a balanced Th1/Th2 immune response by co-delivery of PLGA/ovalbumin nanospheres and CpG ODNs/PEI-SWCNT nanoparticles as TLR9 agonist in BALB/c mice. *International Journal of Pharmaceutics*, 515, 708–720 (IF: 3.862).
- 196) M. Alinezhad Nameghi, N. M. Danesh, **M. Ramezani**, F. Vahdati Hassani, K. Abnous, S. M. Taghdisi (2016). A fluorescent aptasensor based on a DNA pyramid nanostructure for ultrasensitive detection of ochratoxin A. *Analytical and Bioanalytical Chemistry*, 408 (21), 5811–5818 (IF: 3.431).
- 197) R. Yazdian-Robati, **M. Ramezani**, S. H. Jalalian, K. Abnous, S. M. Taghdisi (2016). Targeted delivery of epirubicin to cancer cells by polyvalent aptamer system in vitro and in vivo. *Pharmaceutical Research*, 33 (9), 2289–2297 (IF: 3.002).
- 198) M. Alibolandi, K. Abnous, F. Sadeghi, H. Hosseinkhani, **M. Ramezani\***, F. Hadizadeh (2016). Folate receptor-targeted multimodal polymersomes for delivery of quantum dots and doxorubicin to breast adenocarcinoma: In vitro and in vivo evaluation. *International Journal of Pharmaceutics*, 500, 162-178 (IF: 3.862).
- 199) A. Pourtaji, R. Yazdian-Robati, P. Lari, H. Hosseinzadeh, **M. Ramezani\***, K. Abnous (2016). Proteomics screening of adenosine triphosphate-interacting proteins in the liver of diazinon-treated rats. *Human and Experimental Toxicology*, 35 (10), 10-84-1092 (IF: 1.802).
- 200) A. Haghparast, A. Zakeri, M. Ebrahimian, **M. Ramezani** (2016). Targeting Pattern Recognition Receptors (PRRs) in Nano-Adjuvants: Current Perspectives. *Current Bionanotechnology*, 2 (1), 47-59.

- 201) M. Hashemi, S. M. Tabatabai, H. Parhiz, S. Milanizadeh, S. Amel Farzad, K. Abnous, **M. Ramezani\*** (2016). Gene delivery efficiency and cytotoxicity of heterocyclic amine-modified PAMAM and PPI dendrimers. *Materials Science and Engineering C*, 61, 791–800 (IF: 5.08).
- 202) M. Alibolandi, K. Abnous, F. Hadizadeh, S. M. Taghdisi, F. Alabdollah, M. Mohammadi, H. Nassirli, **M. Ramezani\*** (2016). Dextran-poly lactide-co-glycolide polymersomes decorated with folate-antennae for targeted delivery of docetaxel to breast adenocarcinoma in vitro and in vivo. *Journal of Controlled Release*, 241, 45–56 (IF: 7.786).
- 203) S. Taghavi, A. Hashem Nia, F. Mosaffa, S. Askarian, K. Abnous, **M. Ramezani\*** (2016). Preparation and evaluation of polyethylenimine-functionalized carbon nanotubes tagged with 5TR1 aptamer for targeted delivery of Bcl-xL shRNA into breast cancer cells. *Colloids and Surfaces B: Biointerfaces*, 140, 28–39 (IF: 3.887).
- 204) S. M. Taghdisi, N. M. Danesh, **M. Ramezani**, K. Abnous (2016). A novel M-shape electrochemical aptasensor for ultrasensitive detection of tetracyclines. *Biosensors and Bioelectronics*, 85, 509–514 (IF: 9.518).
- 205) F. Charbgoon, F. Soltani, S. M. Taghdisi, K. Abnous, **M. Ramezani\*** (2016). Nanoparticles application in high sensitive aptasensor design. *TrAC Trends in Analytical Chemistry*, 85, 85–97 (IF: 8.442).
- 206) M. J. Raeisossadati, N. M. Danesh, F. Borna, M. Gholamzad, **M. Ramezani**, K. Abnous, S. M. Taghdisi (2016). Lateral flow based immunobiosensors for detection of food contaminants. *Biosensors and Bioelectronics*, 86, 235–246 (IF: 9.518).
- 207) S. M. Taghdisi, N. M. Danesh, P. Lavaee, **M. Ramezani**, K. Abnous (2016). An electrochemical aptasensor based on gold nanoparticles, thionine and hairpin structure of complementary strand of aptamer for ultrasensitive detection of lead. *Sensors and Actuators B: Chemical*, 234, 462–469 (IF: 5.401).
- 208) A. Mokhtarzadeh, M. Tabarzad, J. Ranjbari, M. Guardia, M. Hejazi, **M. Ramezani\*** (2016). Aptamers as smart ligands for nano-carriers targeting. *Trends in Analytical Chemistry*, 82, 316–327 (IF: 8.442).
- 209) M. Hasanzadeh, N. Shadjou, A. Mokhtarzadeh, **M. Ramezani** (2016). Two dimension (2-D) graphene-based nanomaterials as signal amplification elements in electrochemical microfluidic immune-devices: Recent advances. *Materials Science and Engineering C*, 68, 482–493 (IF: 5.08).
- 210) R. Yazdian Robati, A. Arab, **M. Ramezani**, F. Alebooye Langroodi, K. Abnous, S. M. Taghdisi (2016). Aptasensors for quantitative detection of kanamycin. *Biosensors and Bioelectronics*, 82, 162–172 (IF: 9.518).
- 211) S. M. Taghdisi, N. M. Danesh, M. A. Nameghi, **M. Ramezani\***, K. Abnous (2016). A label-free fluorescent aptasensor for selective and sensitive detection of streptomycin in milk and blood serum. *Food Chemistry*, 203, 145–149 (IF: 4.946).

- 212) M. Moghadam, M. Sankian, K. Abnous, A. Varasteh, S. M. Taghdisi, M. Mahmoudi, **M. Ramezani**, Z. Gholizadeh, A. Ganji (2016). Cell-SELEX-based selection and characterization of a G-quadruplex DNA aptamer against mouse dendritic cells. *International Immunopharmacology*, 36, 324–332 (IF: 2.956).
- 213) S. M. Taghdisi, N. M. Danesh, **M. Ramezani**, A. S. Emrani, K. Abnous (2016). A novel electrochemical aptasensor based on Y-shape structure of dual-aptamer-complementary strand conjugate for ultrasensitive detection of myoglobin. *Biosensors and Bioelectronics*, 80, 532–537 (IF: 9.518).
- 214) M. Bagheri, M. Mohammadi, T.W.J. Steele, **M. Ramezani\*** (2016). Nanomaterial coatings applied on stent surfaces. *Nanomedicine*, 11(10), 1309–1326 (IF: 4.727).
- 215) S. M. Taghdisi, N. M. Danesh, **M. Ramezani**, P. Lavaee, S. H. Jalalian, R. Yazdian Robati, K. Abnous (2016). Double targeting and aptamer-assisted controlled release delivery of epirubicin to cancer cells by aptamers-based dendrimer in vitro and in vivo. *European Journal of Pharmaceutics and Biopharmaceutics*, 102, 152–158 (IF: 4.159).
- 216) S. Askarian, K. Abnous, M. Darroudi, R. K. Oskuee, **M. Ramezani\*** (2016). Gene delivery to neuroblastoma cells by poly (L-lysine)-grafted low molecular weight polyethylenimine copolymers. *Biologicals*, 44, 212-218 (IF:1.69).
- 217) V. Soheili, S. M. Taghdisi, M. Hassanzadeh Khayyat, B. S. F. Bazzaz, **M. Ramezani\***, K. Abnous (2016). Colorimetric and ratiometric aggregation assay for streptomycin using gold nanoparticles and a new and highly specific aptamer. *Microchim. Acta*, 183, 1687–1697 (IF: 4.831).
- 218) A. Sarreshtehdar Emrani, N. M. Danesh, **M. Ramezani**, S. M. Taghdisi, K. Abnous (2016). A novel fluorescent aptasensor based on hairpin structure of complementary strand of aptamer and nanoparticles as a signal amplification approach for ultrasensitive detection of cocaine. *Biosensors and Bioelectronics*, 79(15), 288–293 (IF: 9.518).
- 219) F. Taghavi, M. Gholizadeh, A. S. Saljooghi, **M. Ramezani** (2016). Metal free synthesis of tetrahydrobenzo xanthenes using orange peel as a natural and low cost efficient heterogeneous catalyst. *RSC Advances*, 6, 87082-87087 (IF: 3.289).
- 220) **M. Ramezani**, J. Shamsara (2016). Application of DPD in the design of polymeric nano-micelles as drug carriers. *Journal of Molecular Graphics and Modeling*, 66, 1–8 (IF: 1.674).
- 221) A. Mokhtarzadeh, A. Alibakhshi, H. Yaghoobi, M. Hashemi, M. Hejazi, **M. Ramezani\*** (2016). Recent advances on biocompatible and biodegradable nanoparticles as gene carriers. *Expert Opinion on Biological Therapy*, 16(6), 771-785 (IF: 3.438).
- 222) D. Salarbashi, S. A. Mortazavi, M. Shahidi Noghabi, B. S. Fazly Bazzaz, N. Sedaghat, **M. Ramezani**, I. Shahabi-Ghahfarrokhi (2016). Development of new active packaging film made from a soluble soybean polysaccharide incorporating ZnO nanoparticles, *Carbohydrate Polymers*, 140, 220–227 (IF: 4.811).



- 223) M. Alibolandi, **M. Ramezani**, K. Abnous, F. Hadizadeh (2016). AS1411 aptamer-decorated biodegradable polyethylene glycol poly (lactic-co-glycolic acid) nanopolymerosomes for the targeted delivery of gemcitabine to non-small cell lung cancer in vitro. *Journal of Pharmaceutical Sciences*, 105, 1741-1750 (IF: 3.773).
- 224) M. Alibolandi, F. Alabdollah, F. Sadeghi, M. Mohammadi, K. Abnous, **M. Ramezani\***, F. Hadizadeh (2016). Dextran-b-poly (lactide-co-glycolide) polymersome for oral delivery of insulin: In vitro and in vivo evaluation. *Journal of Controlled Release*, 227, 58-70 (IF: 7.786).
- 225) A. Hashem Nia, A. Amini, S. Taghavi, H. Eshghi, K. Abnous, **M. Ramezani\*** (2016). A Facile Friedel-Crafts acylation for the synthesis of polyethylenimine-grafted multi-walled carbon nanotubes as efficient gene delivery vectors. *International Journal of Pharmaceutics*, 502(1-2), 125-137 (IF: 3.862).
- 226) S. M. Taghdisi, N. M. Danesh, H. R. Beheshti, **M. Ramezani**, K. Abnous (2016). A novel fluorescent aptasensor based on gold and silica nanoparticles for the ultrasensitive detection of ochratoxin A. *Nanoscale*, 8, 3439-3446 (IF: 7.760).
- 227) **M. Ramezani**, N. M. Danesh, P. Lavaee, K. Abnous, S. M. Taghdisi (2016). A selective and sensitive fluorescent aptasensor for detection of kanamycin based on catalytic recycling activity of exonuclease III and gold nanoparticles. *Sensors and Actuators, B: Chemical*, 222, 1-7 (IF: 5.401).
- 228) N. M. Danesh, **M. Ramezani**, A. E. Sarreshtehdar, K. Abnous, S. M. Taghdisi (2016). A novel electrochemical aptasensor based on arch-shape structure of aptamer-complementary strand conjugate and exonuclease I for sensitive detection of streptomycin. *Biosensors and Bioelectronics*, 75, 123-128 (IF: 9.518).
- 229) F. Taghavi, A. S. Saljooghi, M. Gholizadeh, **M. Ramezani** (2016). Deferasirox-coated iron oxide nanoparticles as a potential cytotoxic agent. *MedChemComm*, 7, 2290-2298 (IF: 2.608).
- 230) F. Soltani, **M. Ramezani**, S. Amel Farzad, A. Mokhtarzadeh, M. Hashemi (2016). Comparison study of the effect of alkyl-modified and unmodified PAMAM and PPI dendrimers on solubility and antitumor activity of crocetin. *Artificial Cells, Nanomedicine, and Biotechnology*, 45(7), 1356-1362 (IF: 3.02).
- 231) M. Teimouri, A. Hashem Nia, K. Abnous, H. Eshghi, **M. Ramezani\*** (2016). Graphene oxide-cationic polymer conjugates: Synthesis and application as gene delivery vectors. *Plasmid*, 84-85 51-60 (IF: 1.545).
- 232) K. Abnous, N. M. Danesh, **M. Ramezani**, A. E. Sarreshtehdar, S.M. Taghdisi (2016). A novel colorimetric sandwich aptasensor based on an indirect competitive enzyme-free method for ultrasensitive detection of chloramphenicol. *Biosensors and Bioelectronics*, 78, 80-86 (IF: 9.518).
- 233) K. Abnous, N. M. Danesh, **M. Ramezani**, S. M. Taghdisi, A. S. A. Emrani (2016). A novel electrochemical aptasensor based on H-shape structure of aptamer-complementary strands conjugate for ultrasensitive detection of cocaine. *Sensors and Actuators, B: Chemical*, 224, 351-355 (IF: 5.401).

- 234) A. S. Emrani, N. M. Danesh, P. Lavaee, **M. Ramezani**, K. Abnous, S. M. Taghdisi (2016). Colorimetric and fluorescence quenching aptasensors for detection of streptomycin in blood serum and milk based on double-stranded DNA and gold nanoparticles. *Food Chemistry*, 190, 115-121 (IF: 4.946).
- 235) E. Moghimipour, S. A. Sajadi Tabassi, **M. Ramezani**, S. Handali, R. Löbenberg (2016). Absorption Enhancing Effect of Total Saponins derived from *Acanthopyllum squarrusom* and *Quillaja saponaria* on Nasal Permeation of Gentamicin Sulfate and Carboxyfluorescein. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 7(3), 285-291 (IF: 0.35).
- 236) A. Mokhtarzadeh, H. Parhiz, M. Hashemi, K. Abnous, **M. Ramezani\*** (2016). P53-Derived peptides conjugation to PEI: an approach to producing versatile and highly efficient targeted gene delivery carriers into cancer cells. *Expert Opinion on Drug Delivery*, 13(4), 477-491 (IF: 5.553).
- 237) E. Moghimipour, S. A. Sajadi Tabassi, **M. Ramezani**, S. Handali, R. Lobenberg (2016). Brush border membrane vesicle and Caco-2 cell line: Two experimental models for evaluation of absorption enhancing effects of saponins, bile salts, and some synthetic surfactants *Journal of Advanced Pharmaceutical Technology and Research*, 7(3), 75-79.
- 238) A. Mohammadzadeh, A. Farhat, A. Ghasemian, **M. Ramezani**, H. Esmaily, B. M. Musavi (2016). Effects of oral zinc sulfate on hyperbilirubinemia in lowbirth-weight neonates. *Iranian Journal of Neonatology*, 7 (2), 11-15.
- 239) F. Moghadam Ariaee, M. Hashemi, S. Amel Farzad, K. Abnous, **M. Ramezani\*** (2016). Alkyl cross-linked low molecular weight polypropyleneimine dendrimers as efficient gene delivery vectors. *Iranian Journal of Basic Medical Sciences*, 19, 1096-1104 (IF: 1.424).
- 240) **M. Ramezani**, J. Shamsara (2016). A cross-docking study on matrix metalloproteinase family. *Anti-Inflammatory & Anti-Allergy Agents in Medicinal Chemistry*, 15(3), 164-171.
- 241) M. Khansarizadeh, A. Mokhtarzadeh, M. Rashedinia, S. M. Taghdisi, P. Lari, K. Abnous, **M. Ramezani\*** (2016). Identification of possible cytotoxicity mechanism of polyethylenimine by proteomics analysis. *Human and Experimental Toxicology*, 35 (4), 377-387 (IF: 1.802).

## 2015

- 242) F. Soltafarhatni, H. Parhiz, A. Mokhtarzadeh, **M. Ramezani\*** (2015). Synthetic and biological vesicular nano-carriers designed for gene delivery. *Current Pharmaceutical Design*, 21(42), 6214-6235 (IF: 3.052).
- 243) M. Khedri, H. Rafatpanah, K. Abnous, P. Ramezani, **M. Ramezani\*** (2015). Cancer immunotherapy via nucleic acid aptamers. *International Immunopharmacology*, 29 (2), 926-936 (IF: 2.956).

- 244) S. Askarian, K. Abnous, S. Taghavi, R. K. Oskuee, **M. Ramezani\*** (2015). Cellular delivery of shRNA using aptamer-conjugated PLL-Alkyl-PEI nanoparticles. *Colloids and Surfaces B: Biointerfaces*, 136, 355-364 (IF: 3.887)
- 245) S. Ayatollahi, M. Hashemi, R. K. Oskuee, Z. Salmasi, A. Mokhtarzadeh, M. Alibolandi, K. Abnous, **M. Ramezani\*** (2015). Synthesis of efficient gene delivery systems by grafting pegylated alkylcarboxylate chains to polyamidoamine dendrimers: Evaluation of transfection efficiency and cytotoxicity in cancerous and mesenchymal stem cells. *Journal of Biomaterials Applications*, 30(5), 632-648 (IF: 2.310).
- 246) Z. Salmasi, W. T. Shier, M. Hashemi, E. Mahdipour, H. Parhiz, K. Abnous, **M. Ramezani\*** (2015). Heterocyclic amine-modified polyethylenimine as gene carriers for transfection of mammalian cells. *European Journal of Pharmaceutics and Biopharmaceutics*, 96, 76-88. (IF: 4.159).
- 247) A. S. Emrani, S. M. Taghdisi, N. M. Danesh, S. H. Jalalian, **M. Ramezani\***, K. Abnous (2015). A novel fluorescent aptasensor for selective and sensitive detection of digoxin based on silica nanoparticles. *Analytical Methods*, 7, 3814-3818 (IF: 1.9)
- 248) M. Hashemi, S. Ayatollahi, H. Parhiz, A. Mokhtarzade, S. Javidi, **M. Ramezani\*** (2015). PEGylation of polypropylenimine dendrimer with alkylcarboxylate chain linkage to improve DNA delivery and cytotoxicity. *Applied Biochemistry and Biotechnology*, 177 (1), 1-17 (IF: 1.751).
- 249) M. Alibolandi, K. Abnous, F. Sadeghi, **M. Ramezani\***, F. Hadizadeh (2015). The chemotherapeutic potential of doxorubicin loaded PEG-b-PLGA nanopolymerosomes in mouse breast cancer model. *European Journal of Pharmaceutics and Biopharmaceutics*, 94, 11992, 521-531 (IF: 4.159).
- 250) N. M. Danesh, P. Lavaee, **M. Ramezani**, K. Abnous, S. M. Taghdisi (2015). Targeted and controlled release delivery of daunorubicin to T-cell acute lymphoblastic leukemia by aptamer-modified gold nanoparticles. *International Journal of Pharmaceutics*, 489, 311-317 (IF: 3.862).
- 251) S. M. Taghdisi, N. M. Danesh, P. Lavaee, A. S. Emrani, **M. Ramezani\***, K. Abnous (2015). A novel colorimetric triple-helix molecular switch aptasensor based on peroxidase-like activity of gold nanoparticles for ultrasensitive detection of lead (II). *RSC Advances*, 5, 43508-43514 (IF: 3.108).
- 252) S. M. Taghdisi, N. M. Danesh, A. S. Emrani, **M. Ramezani\***, K. Abnous (2015). A novel electrochemical aptasensor based on single-walled carbon nanotubes, gold electrode and complimentary strand of aptamer for ultrasensitive detection of cocaine. *Biosensors and Bioelectronics*, 73, 245-250 (IF: 9.518)
- 253) M. Alibolandi, **M. Ramezani**, K. Abnous, F. Sadeghi, F. Atyabi, M. Asouri, A. A. Ahmadi, F. Hadizadeh (2015). In vitro and in vivo evaluation of therapy targeting epithelial-cell adhesion-molecule aptamers for non-small cell lung cancer. *Journal of Controlled Release*, 209, 88-100 (IF: 7.786).

- 254) S. M. Taghdisi, N. M. Danesh, P. Lavaee, A. S. Emrani, **M. Ramezani\***, K. Abnous (2015). Aptamer Biosensor for Selective and Rapid Determination of Insulin. *Analytical Letters*, 48 (4), 672-681 (IF: 1.150).
- 255) **M. Ramezani**, N. M. Danesh, P. Lavaee, K. Abnous, S. M. Taghdisi (2015). A novel colorimetric triple-helix molecular switch aptasensor for ultrasensitive detection of tetracycline. *Biosensors and Bioelectronics*, 70, 181-187 (IF: 9.518)
- 256) M. Mohammadi, Z. Salmasi, M. Hashemi, F. Mosaffa, K. Abnous, **M. Ramezani\*** (2015). Single-walled carbon nanotubes functionalized with aptamer and piperazine-polyethylenimine derivative for targeted siRNA delivery into breast cancer cells. *International Journal of Pharmaceutics*, 485, 50-60 (IF: 3.862).
- 257) M. Alibolandi, **M. Ramezani**, K. Abnous, F. Sadeghi, F. Hadizadeh (2015). Comparative evaluation of polymersome versus micelle structures as vehicles for the controlled release of drugs. *Journal of Nanoparticle Research*, 17 (2), 76 (IF: 2.020).
- 258) S. H. Jalalian, S. M. Taghdisi, N. M. Danesh, H. Bakhtiari, P. Lavaee, **M. Ramezani\***, K. Abnous (2015). Sensitive and fast detection of tetracycline using an aptasensor. *Analytical Methods*, 7, 2523-25-28 (IF: 1.9).
- 259) M. Alibolandi, **M. Ramezani**, F. Sadeghi, K. Abnous, F. Hadizadeh. (2015). Epithelial cell adhesion molecule aptamer conjugated PEG-PLGA nanopolymerosomes for targeted delivery of doxorubicin to human breast adenocarcinoma cell line in vitro. *International Journal of Pharmaceutics*, 479, 241-251 (IF: 3.862).
- 260) A. Mokhtarzadeh, J. Ezzati Nazhad Dolatabadi, K. Abnous, M. de la Guardia, **M. Ramezani\*** (2015). Nanomaterial-based cocaine aptasensors. *Biosensors and Bioelectronics*, 68, 95-106 (IF: 9.518).
- 261) M. Hashemi, H. Parhiz, A. Mokhtarzadeh, S. M. Tabatabai, S. A Farzad, H. Rezagholizadeh Shirvan, **M. Ramezani\*** (2015). Preparation of Effective and Safe Gene Carriers by Grafting Alkyl Chains to Generation 5 Polypropyleneimine. *AAPS PharmSciTech*, 16(5), 1002-1012 (IF: 2.451).
- 262) M. Alibolandi, F. Hadizadeh, F. Vajhedin, K. Abnous, **M. Ramezani\*** (2015). Design and fabrication of an aptasensor for chloramphenicol based on energy transfer of CdTe quantum dots to graphene oxide sheet. *Materials Science and Engineering C*, 48, 611-619 (IF: 5.08).
- 263) A. Mokhtarzadeh, H. Parhiz, M. Hashemi, S. Ayatollahi, K. Abnous, **M. Ramezani\*** (2015). Targeted Gene Delivery to MCF-7 Cells Using Peptide-Conjugated Polyethylenimine. *AAPS PharmSciTech*, 16 (5), 1025-1032 (IF: 2.451).
- 264) A. Ziaei, J. Hoppstädter, A. K. Kiemer, **M. Ramezani**, Z. Amirghofran, B. Diesel (2015). Inhibitory effects of teuclatriol, a sesquiterpene from *Salvia mirzayanii*, on nuclear factor- $\kappa$ B activation and expression of inflammatory mediators. *Journal of Ethnopharmacology*, 160, 94-60 (IF: 2.981).
- 265) S. M. Taghdisi, N. M. Danesh, P. Lavaee, **M. Ramezani\***, K. Abnous (2015). An aptasensor for selective, sensitive and fast detection of lead(II) based on polyethylenimine and gold nanoparticles. *Environmental Toxicology and Pharmacology*, 39(3), 1206-1211 (IF: 2.313).

- 266) S. M. Naghibi, **M. Ramezani**, N. Ayati, S.R. Zakavi (2015). Carum induced hypothyroidism: an interesting observation and an experiment. *Daru-Journal of Pharmaceutical Sciences*, 23(5) (IF: 1.653).
- 267) R. Yazdian-Robati, A. Pourtaji, M. Rashedinia, H. Hosseinzadeh, M. Ghorbani, B. M. Razavi, **M. Ramezani**, K. Abnous (2015). Screening and identification of SUMO-proteins in sub-acute treatment with diazinon. *Iranian Journal of Basic Medical Sciences*, 18(12), 1240-1244 (IF: 1.424).

## 2014

- 268) M. R. Razavi, H. Hosseinzadeh, M. Malekian, **M. Ramezani**, K. Abnous (2014). Evaluation of protein ubiquitylation in heart tissue of rats exposed to diazinon (an organophosphate insecticide) and crocin (an active saffron ingredients): Role of HIF-1 $\alpha$ . *Drug Res (Stuttg)*, 65(11), 561-6 (IF: 0.559).
- 269) A. Mahmoudi, R. K. Oskuee, **M. Ramezani**, B. Malaekheh-Nikoue (2014). Preparation and in-vitro transfection efficiency evaluation of modified cationic liposome-polyethyleneimine-plasmid nanocomplexes as a novel gene carrier, 11 (5), 636-642 (IF: 2.516).
- 270) M. Alibolandi, K. Abnous, **M. Ramezani**, H. Hosseinkhani, F. Hadizadeh (2014). Synthesis of AS1411-aptamer-conjugated CdTe quantum dots with high fluorescence strength for probe labeling tumor cells. *Journal of Fluorescence*, 24, 1519-1529 (IF: 1.461).
- 271) S. M. Taghdisi, S. Sarreshtehdar Emrani, K. Tabrizian, **M. Ramezani**, K. Abnous, A. Sarreshtehdar Emrani (2014). Ultrasensitive detection of lead (II) based on fluorescent aptamer-functionalized carbon nanotubes. *Environmental Toxicology and Pharmacology*, 37 (3), 1236-1242 (IF: 2.313).
- 272) N. Khaghanzadeh, A. Samiei, **M. Ramezani**, Z. Mojtahedi, M. Hosseinzadeh, A. Ghaderi (2014). Umbelliprenin induced production of IFN-g, and TNF-a, and reduced of IL-10, IL-4, Foxp3 and TGF-b in a mouse model of lung cancer. *Immunopharmacology and Immunotoxicology*, 36 (1), 25-32 (IF: 1.475).
- 273) H. Hosseinzadeh, S. Mehri, A. Heshmati, A.H. Sahebkar, **M. Ramezani**, K. Abnous (2014). Proteomics Screening of Molecular Targets of Crocin. *DARU Journal of Pharmaceutical Sciences*, 22:5 (IF: 1.653).
- 274) Z. Firouzi, P. Lari, M. Rashedinia, **M. Ramezani**, M. Iranshahi, K. Abnous (2014). Proteomics screening of molecular targets of curcumin in the mouse brain. *Life Sciences*, 98, 12–17 (IF: 2.30).
- 275) R. K. Oskuee, M. R. Jaafari, S. Amani, **M. Ramezani\*** (2014). Evaluation of leishmanicidal effect of *Euphorbia erythadenia* extract by in vitro leishmanicidal assay using promastigotes of *Leishmania major*. *Asian Pacific Journal of Tropical Biomedicine* 4 (2), S581–S583.

- 276) L. Dargahi, K. Razavi-Azarkhiavi, **M. Ramezani**, M. R. Abaee, J. Behravan (2014). Insecticidal activity of the essential oil of *Thymus transcaspicus* against *Anopheles stephensi*. *Asian Pacific Journal of Tropical Biomedicine*, 4(2), S589–S591.
- 277) A. H. Mohammadpour, H. Falsoleiman, J. Shamsara, G. Allahabadi, R. Rasooli, **M. Ramezani\*** (2014). Pentoxifylline decreases serum level of adhesion molecules in atherosclerosis patients. *Iranian Biomedical Journal* 17(4), 23-27.

## 2013

- 278) H. Parhiz and **M. Ramezani\*** (2013). From Rationally-Designed Polymeric and Peptidic Systems to Sophisticated Gene Delivery Nano-vectors. *International Journal of Pharmaceutics*, 457(1), 237-259 (IF: 3.862).
- 279) H. Parhiz, F. Memari, S. A. Farzad, M. Hashemi, Z. Salmasi, B. Behnam, **M. Ramezani\*** (2013). Alkylcarboxylate Polyethylenimine-grafted Chitosans as Efficient Gene Vectors with Improved Gene Delivery Activity. *Current Nanoscience*, 9(6), 717-722 (IF: 1.062).
- 280) S.M. Taghdisi, N.M. Danesh, A. Sarreshtehdar Emrani, K. Tabrizian, M. Zandkarimi, **M. Ramezani\***, K. Abnous (2013). Targeted delivery of Epirubicin to cancer cells by PEGylated A10 aptamer. *Journal of Drug Targeting*, 21(8), 739-744 (IF: 3.068).
- 281) S.H. Jalalian, S.M. Taghdisi, N. Shahidi Hamedani, S.A. Kalat, P. Lavaee, M. Zandkarimi, N. Ghows, M. R. Jaafari, S. Naghibi, N. M. Danesh, **M. Ramezani\***, K. Abnous (2013). Epirubicin loaded super paramagnetic iron oxide nanoparticle-aptamer bioconjugate for combined colon cancer therapy and imaging in vivo. *European Journal of Pharmaceutical Sciences*, 50, 191-917 (IF: 3.756).
- 282) B. Behnam, W. T. Shier, A. Hashem Nia, K. Abnous, **M. Ramezani\*** (2013). Non-covalent functionalization of single-walled carbon nanotubes with modified polyethyleneimines for efficient gene delivery. *International Journal of Pharmaceutics*, 454, 204-215 (IF: 3.862).
- 283) N. Shahidi-Hamedani, W. T. Shier, F. Moghadam Ariaee, K. Abnous, **M. Ramezani\*** (2013). Targeted gene delivery with non-covalent electrostatic conjugates of Sgc-8c aptamer and polyethylenimine. *Journal of Gene Medicine*, 15, 261-269 (IF: 2.524).
- 284) H. Parhiz, M. Hashemi, A. Hatefi, W.T. Shier S.A. Farzad, **M. Ramezani\*** (2013). Arginine-rich hydrophobic polyethylenimine: Potent agent with simple components for nucleic acid delivery. *International Journal of Biological Macromolecules*, 60, 18– 27. (IF: 3.671).
- 285) F. Soltani, M. Sankian, A. Hatefi, **M. Ramezani\*** (2013). Development of a novel histone H1-based recombinant fusion peptide for targeted non-viral gene delivery. *International Journal of Pharmaceutics*, 441 (1-2), 307-315 (IF: 3.862).
- 286) H. Hosseinzadeh, **M. Ramezani**, H. Shafaei, E. Taghiabadi (2013). Anticonvulsant Effect of *Berberis integerrima* L. Root Extracts in Mice. *Journal of Acupuncture and Meridian Studies*, 6 (1), 12-17.

- 287) H. Parhiz, M. Hashemi, A. Hatefi, W.T. Shier S.A. Farzad, **M. Ramezani\*** (2013). Molecular weight-dependent genetic information transfer with disulfide-linked polyethylenimine-based nonviral vectors. *Journal of Biomaterials Applications*, 28(1) 112–124 (IF: 2.310).
- 288) A. Frozanfar, **M. Ramezani**, A. Rahpeyma, S. Khajehahmadi, H. R. Arbab (2013). The Effects of Low Level Laser Therapy on the Expression of Collagen Type I Gene and Proliferation of Human Gingival Fibroblasts (Hgf3-Pi 53): in vitro Study. *Iranian Journal of Basic Medical Sciences*, 16(10), 1071-1074 (IF: 1.424).
- 289) H. Hosseinzadeh, S. Mehri, M.M. Abolhassani, **M. Ramezani**, A. Sahebkar, K. Abnous (2013). Affinity-based target deconvolution of safranal. *DARU Journal of Pharmaceutical Sciences* 21:25 (IF: 1.654).
- 290) Z.R. Amin, M. Rahimizadeh, H. Eshghi, A. Dehshahri, **M. Ramezani\*** (2013). The effect of cationic charge density change on transfection efficiency of Polyethylenimine. *Iranian Journal of Basic Medical Sciences* 16 (2), 150-156 (IF: 1.424).
- 291) A.H. Mohammadpour, **M. Ramezani**, A.T. Anaraki, B. Malaekheh-Nikouei, S.A. Farzad, H. Hosseinzadeh (2013). Development and validation of hplc method for determination of crocetin, a constituent of saffron, in human serum samples. *Iranian Journal of Basic Medical Sciences* 16 (1), 47-55 (IF: 1.424).

## 2012

- 292) A. Dehshahri, R. Kazemi Oskuee, **M. Ramezani\*** (2012). Plasmid DNA delivery into hepatocytes using a multifunctional nanocarrier based on sugar-conjugated polyethylenimine. *Gene Therapy and Molecular Biology*, 14, 62-71.
- 293) A. Mohammadpour, J. Shamsara, S. Nazemi, S. Ghadirzadeh, S. Shahsavand, **M. Ramezani\*** (2013). Evaluation of RANKL/OPG Serum Concentration Ratio as a New Biomarker for Coronary Artery Calcification: A Pilot Study. *Thrombosis*, (doi: 10.1155/2012/306263).
- 294) J. Shamsara, A.H. Mohammadpour, J. Behravan, H. Falsoleiman, **M. Ramezani\*** (2012). Pentoxifylline decreases soluble CD40 ligand concentration and CD40 gene expression in coronary artery disease patients. *Immunopharmacology and Immunotoxicology*, 34 (3), 523-529 (IF: 1.475).
- 295) **M. Ramezani**, B. Malaekheh-Nikouei, S. Malekzadeh, R. Baghayeripour, M. Malaekheh-Nikouei (2012). The Effect of Lipopolymer Structure on the Transfection Efficiency of Hydrophobic Polyethylenimine-based Cationic Nanoliposomes. *Current Nanoscience*, 8 (5), 680-684 (IF: 1.062).
- 296) A. Dehshahri, R.K. Oskuee, W.T. Shier, **M. Ramezani\*** (2012).  $\beta$ -Galactosylated alkyl-oligoamine derivatives of polyethylenimine (PEI) enhanced transfection of plasmid DNA into hepatic cells with reduced toxicity. *Current Nanoscience*, 8, 548-555 (IF: 1.062).

- 297) N. Khaghanzadeh, Z. Mojtahedi, **M. Ramezani**, N. Erfani, A. Ghaderi (2012). Umbelliprenin is cytotoxic against QU-DB large cell lung cancer cell line but anti-proliferative against A549 adenocarcinoma cells. *DARU, Journal of Pharmaceutical Sciences* 20 (1), 69 (IF: 1.657).
- 298) J. Shamsara, J. Behravan, H. Falsoleiman, A.H. Mohammadpour, **M. Ramezani\*** (2012). The effects of pentoxifylline administration on NFkB P50 transcription factor expression. *ARYA Atherosclerosis* 7 (4), 133-137.

## 2011

- 299) **M. Ramezani**, R.L. White (2011). Enantioselective catabolism of racemic serine: preparation of d-serine using whole cells of *Fusobacterium nucleatum*. *Tetrahedron Asymmetry*, 22 (13), 1473-1478 (IF: 2.126).
- 300) J. Motaharinia, **M. Ramezani**, M. Malaekheh-Nikouei, B. Malaekheh-Nikouei (2011). Liposome-linear polyethyleneimine-DNA nanocomplexes for gene delivery: preparation, characterization and *in vitro* transfection activity. *Current Nanoscience*, 7(4), 587-593 (IF: 1.062).
- 301) **M. Ramezani**, K. L. Resmer, R.L. White (2011). Glutamate racemization and catabolism in *Fusobacterium varium*. *FEBS Journal*, 278, 2540-2551 (IF: 3.902).
- 302) S. M. Taghdisi, P. Lavaee, **M. Ramezani\***, and K. Abnous (2011). Reversible targeting and controlled release delivery of daunorubicin to cancer cells by aptamer-wrapped carbon nanotubes. *European Journal of Pharmaceutics and Biopharmaceutics*, 77, 200-206 (IF: 4.159).
- 303) M. Hashemi, H. Parhiz, A. Hatefi and **M. Ramezani\*** (2011). Modified polyethylenimine with histidine-lysine short peptides as gene carrier. *Cancer Gene Therapy*, 18 (1), 12-19 (IF: 3.652).
- 304) **M. Ramezani**, F. Nazemian, J. Shamsara, R. Koohrokhi, A.H. Mohamadpour (2011). Effect of omega-3 fatty acids on plasma level of 8-isoprostane in kidney transplant patients. *Journal of Renal Nutrition*, 21 (2), 196-199 (IF: 2.318).
- 305) J. Shamsara, J. Behravan, H. Falsoleiman, A.H. Mohammadpour, J. Rendeirs, **M. Ramezani\*** (2011). Pentoxifylline administration changes protein expression profile of coronary artery disease patients. *Gene*, 487 (1), 107-111 (IF: 2.082).
- 306) J. Behravan, **M. Ramezani**, E.F. Nobandegani, M.E. Gharaee (2011). Antiviral and antimicrobial activity of *Thymus transcaspicus* essential oil, *Pharmacologyonline*, 1, 1190-1199.
- 307) Z. Salmasi, **M. Ramezani**, Z.S. Noghabi, J. Behravan (2011). *Euphorbia microsciadia* percolatio and Soxhlet extracts exhibit antiviral activity. *Pharmacologyonline* 1, 910-920.
- 308) A. Ziaei, **M. Ramezani**, L. Wright, C. Paetz, B. Schneider, Z. Amirghofran (2011). Identification of spathulenol in *Salvia mirzayanii* and the immunomodulatory effects. *Phytotherapy Research*, 25 (4), 557-562 (IF: 3.092).



- 309) H. Hosseinzadeh, J. Behravan, **M. Ramezani**, S. Sarafraz, E. Taghiabadi (2011). Study of antitumor effect of methanolic and aqueous extracts of *Allium sativum* L. (Garlic) cloves using potato disc bioassay. *Pharmacologyonline*, 1, 881-888.
- 310) A. Ziaei, Z. Amirghofran, J. Zapp, **M. Ramezani\*** (2011). Immunoinhibitory effect of teuclatriol a guaiane sesquiterpene from *Salvia mirzayanii*. *Iranian Journal of Immunology*, 8 (4), 226-235.
- 311) **M. Ramezani**, B. Malaekheh-Nikouei, T. Khakshoor, M. Malaekheh-Nikouei (2011). The effect of linear PEI on characteristics and transfection efficiency of PEI-based cationic nanoliposomes. *Iranian Journal of Basic Medical Sciences*, 14 (1), 82-88 (IF: 1.424).

## 2010

- 312) R. K. Oskuee, A. Philipp, A. Dehshahri, E. Wagner, **M. Ramezani\*** (2010). The impact of carboxyalkylation of branched polyethylenimine on effectiveness in siRNA delivery. *Journal of Gene Medicine*, 12 (9), 729-738 (IF: 2.524).
- 313) J. Behravan, **M. Ramezani**, H. Alidoost, M.E. Gharaee (2010). Evaluation of anti-phage CP51 effect of *Euphorbia myrsinites* extract by a plaque reduction assay. *Pharmacologyonline*, 2, 788-797.
- 314) R. E. Heravi, **M. Ramezani**, J. Behravan (2010). Association Between Nicotine Metabolism and CYP2A6\*1 and CYP2A6\*4 Genotypes in an Iranian Population. *DNA and Cell Biology*, 29 (7), 369-373. (IF: 2.236).
- 315) Z. Amirghofran, M. Bahmani, A. Azadmehr, K. Javidnia, **M. Ramazani**, A. Ziaei (2010). Effect of *Salvia mirzayanii* on the immune system and induction of apoptosis in peripheral blood lymphocytes. *Natural Product Research*, 24 (6), 500-508 (IF: 1.828).
- 316) G. Timité, A. Mitaine-Offer, T. Miyamoto, **M. Ramezani**, A. Rustaiyan, J. Mirjolet, O. Duchamp, M. Lacaille-Dubois (2010). Structure elucidation of new oleanane-type glycosides from three species of *Acanthophyllum*, *Magnetic Resonance in Chemistry*, 48(5), 370-374 (IF: 1.601).
- 317) M. Ebrahimi, **M. Ramezani**, S. Omidvar Tehrani, O.M. Malekshah, J. Behravan. (2010). Cytotoxic effect of methanolic extract and essential oil of *Artemisia kopetdaghensis*. *Journal of Essential Oil Bearing Plants*, 13 (6), 732-737.

## 2009

- 318) A. Dehshahri, R. K. Oskuee, W. T. Shier, **M. Ramezani\*** (2009). Alkyl acid grafting of polyethylenimine: a simple approach to have a DNA nano-carrier with low toxicity. *Journal of Gene Medicine*, 11 (10), 921-932 (IF: 2.524).
- 319) R. K. Oskuee, A. Dehshahri, W. T. Shier, A.Hatefi, **M. Ramezani\*** (2009). Gene transfer efficiency of high primary amine content, hydrophobic, alkyl-oligoamine derivatives of polyethylenimine. *Biomaterials*, 30, 4187-4194 (IF: 8.402).

- 320) **M. Ramezani**, M. Khoshhamdam, A. Dehshahri, B. Malaekheh-Nikouei (2009). The influence of size, lipid composition and bilayer fluidity of cationic liposomes on the transfection efficiency of nanolipoplexes. *Colloids and Surfaces B: Biointerfaces*, 72, 1-5 (IF: 3.887).
- 321) B. Malaekheh-Nikouei, M. Malaekheh-Nikouei, R. K. Oskuee, **M. Ramezani\*** (2009). Preparation, characterization, transfection efficiency and cytotoxicity of liposomes containing oligoamine-modified cholesterol as nanocarrier to Neuro2A cells. *Nanomedicine: Nanotechnology, Biology and Medicine*, 5, 457-462 (IF: 6.50).
- 322) J. Shamsara, **M. Ramezani**, A. H. Mohammadpour (2009). Why homocysteine-lowering therapy does not have beneficial effects on patients with cardiovascular disease? *Bioscience Hypotheses* 2, 13-15.
- 323) M. Nakhaei, M. Khajeh Karamoddin, **M. Ramezani\*** (2009). *In vitro* antibacterial activity of sweet basil fractions against *Helicobacter pylori*. *Journal of Biological Sciences*, 9(3), 276-279.

## 2008

- 324) S. Kaabinejadian, Sh. Fouladdel, **M. Ramezani**, and E. Azizi (2008). Molecular Analysis of p53 and MEN1 Expression in MCF7, T47D and MDA-MB 468 Breast Cancer Cell Lines Treated with Adriamycin. *Journal of Biological Sciences*, 8(2), 380-385.
- 325) **M. Ramezani**, J. Behravan, M. Arab, S. Amel Farzad (2008). Antiviral activity of *Euphorbia helioscopia* extract. *Journal of Biological Sciences*, 8(4), 809-813.
- 326) F. Kalalinia, J. Behravan, **M. Ramezani**, M. K. Hassanzadeh, A. Asadipour (2008). Chemical composition, moderate *in vitro* antibacterial and antifungal activity of the essential oil of *Pistacia vera* L. and its major constituents. *Journal of Essential Oil Bearing Plants*, 11(4), 376-383.

## 2007

- 327) W. T. Shier, H. K. Abbas, R.E. Baird, **M. Ramezani**, G.L. Sciumbato (2007). (-)-Botryodiplodin, a unique ribose-analog toxin. *Toxin Reviews*, 26 (4), 343–386 (IF: 0.789).
- 328) S. Sajadi Tabassi,, **M. Ramezani**, E. Moghimipour, S. Mohajeri (2007). Isolation, characterization and study of enhancing effects on nasal absorption of insulin in rat of the total saponin from *Acanthophyllum squarrosum*. *Indian Journal of Pharmacology*, 39 (5), 226-230 (IF: 0.638).
- 329) **M. Ramezani**, W. T. Shier, H. K. Abbas, J. L. Tonos, R. E. Baird, and G. L. Sciumbato (2007). Soybean Charcoal Rot Disease Fungus *Macrophomina phaseolina* in Mississippi Produces the Phytotoxin (-)-Botryodiplodin but No Detectable Phaseolinone. *Journal of Natural Products*, 70 (1), 128-129 (IF: 3.281).

- 330) M. Iranshahi, P. Arfa, **M. Ramezani**, M. R. Jaafari, H. Sadeghian, C. Bassarello, S. Piacente and C. Pizza (2007). Sesquiterpene coumarins from *Ferula szowitsiana* and *in vitro* antileishmanial activity of 7-prenyloxycoumarins against promastigotes. *Phytochemistry*, 68 (4), 554-561 (IF: 3.205).
- 331) J. Behravan, **M. Ramezani**, M.K. Hassanzadeh, M. Edari, J. Kasaian, Z. Sabeti (2007). Composition, antimycotic and antibacterial activity of *Ziziphora clinopodioides* Lam. Essential oil from Iran. *J. Essential Oil-Bearing Plants*, 10 (4), 339-345.
- 332) F. Hadizadeh, A. Moradi, G. Naghibi, M. Vojdani, J. Behravan, **M. Ramezani** (2007). Synthesis and antitumor activity of substituted succinamides using potato disc tumor induction assay. *International Journal of Biomedical Sciences*, 3 (1), 100-105.
- 333) J. Behravan, **M. Ramezani**, M.K. Hassanzadeh, S. Ebadi (2007). Evaluation of antibacterial activity of the essential oils of *Zataria multiflora*, *Carum copticum* and *Thymus vulgaris* by a thin layer chromatography-bioautography method. *Journal of Essential Oil-Bearing Plants*, 10 (3), 259-264.

## 2006

- 334) M.R. Jaafari, J. Behravan, J. Abde-Emami, F. Saghafi-Khadem, **M. Ramezani\*** (2006). Evaluation of leishmanicidal effect of *Euphorbia bungei* extract by *in vitro* antileishmanial assay using promastigote of *Leishmania major*. *International Journal of Pharmacology*, 2 (5), 571-575 (IF: 3.649).
- 335) J. Behravan, **M. Ramezani**, M.K. Hassanzadeh, N. Eliaspour, Z. Sabeti (2006). Cytotoxic and Antimycotic Activities of Essential Oil of *Artemisia turanica* Krasch from Iran. *Journal of Essential Oil-Bearing Plants*, 9 (2), 196-202.
- 336) S.A. Sajadi Tabasi, H. Hosseinzadeh, **M. Ramezani**, E. Moghimipour, S.A. Mohajeri (2006). Isolation, Characterization and Study of Enhancing Effects on Nasal Absorption of Insulin in Rat of the Total Saponin from *Acanthophyllum squarrosum*. *Current Drug Delivery*, 3, 399-404 (IF: 2.516).
- 337) M. Nakhaei, F. Malekzadeh, M. Khaje-Karamoddin, **M. Ramezani\*** (2006). *In Vitro* Anti-*Helicobacter pylori* Effects of Sweet Basil (*Ocimum basilicum* L.) and Purple Basil (*Ocimum basilicum* var *purpurascens*). *Pakistan Journal of Biological Sciences*, 9 (15), 2887-2891.
- 338) A. Farhat, A. Mohammadzadeh, M. Amiri, **M. Ramezani** (2006). Effect of *Cotoneaster tricolor* pojark manna on serum bilirubin levels in neonates. *International Journal of Pharmacology*. 2 (4), 455-458 (IF: 0.753).
- 339) **M. Ramezani**, J. Behravan, A. Yazdinejad (2006). Composition and antimicrobial activity of the volatile oil of *Artemisia kopetdaghensis* from Iran. *Flavour and Fragrance Journal*, 21 (6), 869-871 (IF: 1.644).

## 2005

- 340) Karimi G, **Ramezani M**, Abdi A (2005). Protective effects of lycopene and tomato extract against doxorubicin-induced cardiotoxicity. *Phytotherapy Research*, 19 (10), 912-914 (IF: 3.092).
- 341) G. Karimi, **M. Ramezani**, Z. Tahoonian (2005). Cisplatin nephrotoxicity and protection by milk thistle extract in rats. *Evidence-based Complementary and Alternative Medicine*, 2 (3), 383-386 (IF: 1.740).

## 2004

- 342) **M. Ramezani**, J. Behravan, A. Yazdinejad (2004). Composition and antimicrobial activity of the volatile oil of *Artemisia khorassanica* Podl. from Iran. *Pharmaceutical Biology*, 42 (8), 1-4 (IF: 1.916).
- 343) G. Gaidi, T. Miyamoto, **M. Ramezani**, M. Lacaille-Dubois (2004). Glandulosides A-D, triterpene saponins from *Acanthophyllum glandulosum*. *Journal of Natural Products*, 67 (7), 1114-1118 (IF: 3.281).
- 344) **M. Ramezani**, M. Khajeh-Karamoddin, V. Karimi-Fard (2004). Chemical composition and antihelicobacter pylori activity of the essential oil of *Pistacia vera* L. *Pharmaceutical Biology*, 42 (7), 1-3 (IF: 1.916).
- 345) M. Haddad, T. Miyamoto, **M. Ramezani**, M. Lacaille-Dubois (2004). New triterpene saponins from *Acanthophyllum pachystegium*. *Helvetica Chimica Acta*, 87, 73-81 (IF: 1.071).
- 346) **M. Ramezani**, B.S. Fazli-Bazzaz, F. Saghafi-Khadem, A. Dabaghian (2004). Antimicrobial activity of four *Artemisia* species of Iran. *Fitoterapia*, 75, 201-203 (IF: 2.698).
- 347) **M. Ramezani**, H. Hosseinzadeh, S. Samizadeh (2004). Antinociceptive effects of *Zataria multiflora* Boiss fractions in mice. *Journal of Ethnopharmacology*, 91, 167-170 (IF: 2.981).
- 348) J. Behravan, **M. Ramezani**, J. Kasaian, Z. Sabeti (2004). Antimycotic activity of the essential oil of *Satureja mutica* Fisch & C.A. May from Iran. *Flavour and Fragrance Journal* 19, 421-423 (IF: 1.644).
- 349) A. Asadipour, **M. Ramezani**, Y. Amanzadeh (2004). Composition of the volatile oil of *Salvia mirzayanii* Rech and Esphand from Iran. *Journal of essential oil bearing plants*, 7(2).

## 2003

- 350) H. Hosseinzadeh, **M. Ramezani**, N. Namjo (2003). Muscle relaxant activity of *Elaeagnus angustifolia* L. fruit seeds in mice. *Journal of Ethnopharmacology* 84, 275-278 (IF: 2.981).

- 351) M. H. Boskabady, **M. Ramezani**, T. Tabei. (2003). Relaxant effects of different fractions of essential oils from *Carum copticum* on guinea pig tracheal chains. *Phytotherapy Research*, 17, 1145-1149 (IF: 3.092).

## 2002

- 352) R. Miri, **M. Ramezani**, K. Javidnia and L. Ahmadi. (2002). Composition of the volatile oil of *Thymus transcaspicus* klokov from Iran. *Flavour and Fragrance Journal* 17 (4), 245-246 (IF: 1.644).
- 353) H. Hosseinzadeh, **M. Ramezani** and A. Danaei. (2002). Antihyperglycemic effects of *Securigera securidaca* L. seeds extract in mice. *Phytotherapy Research*, 16, 1-3 (IF: 3.092).
- 354) H. Hosseinzadeh, **M. Ramezani**, M. Fadishei and M. Mahmoudi. (2002). Antinociceptive, anti-inflammatory and acute toxicity effects of *Zhumeria majdae* extract in mice and rats. *Phytomedicine*, 9, 135-141 (IF: 3.526).

## 2001

- 355) **M. Ramezani**, H. Hosseinzadeh, K. Mojtahedi. (2001). Effects of *Ferula gummosa* Boiss. fractions on morphine dependence in mice. *Journal of Ethnopharmacology*, 77, 71-75 (IF: 2.981).
- 356) **M. Ramezani**, H. Hosseinzadeh, N. Daneshmand. (2001). Antinociceptive effects of *Elaeagnus angustifolia* fruit seed in mice. *Fitoterapia*, 72, 255-262 (IF: 2.698).

## 2000

- 357) H. Hosseinzadeh, **M. Ramezani**, G. Salmani. (2000). Antinociceptive, anti-inflammatory and acute toxicity effects of *Zataria multiflora* Boiss extract in mice and rats. *Journal of Ethnopharmacology*, 73 (3), 379-385 (IF: 2.981).

## 1999

- 358) **M. Ramezani**, S.E. MacIntosh, and R.L. White, (1999). Utilization of D-Amino Acids by *Fusobacterium nucleatum* and *Fusobacterium varium*. *Amino Acids*, 17 (2), 185-193 (IF: 3.173).