

## *Curriculum vitae*



**NAME:** Hajar Khazraei

**Date and Place of Birth:** 1981/10/9, Shiraz, Iran

**Sex:** Female

**Marital status:** Single

**Nationality:** Iranian

**E-mail:** [Khazraee@sums.ac.ir](mailto:Khazraee@sums.ac.ir)

**Degree:** Pharm. D., Ph.D. in Pharmacology

**Phone:** (+98)-917-7160004

## **Education**

Pharm.D., Faculty of Pharmacy ,Shiraz University of Medical Sciences,  
Shiraz, Iran (2000-2007)

Ph.D. In Pharmacology, Faculty of Medicine, Shiraz University of Medical  
Sciences, Shiraz, Iran (2008-2013)

*Thesis Title of Pharm.D:*

Evaluation of different fractions of *Stachys obtusifolia* Boiss. On immune  
response

Note: this project was carried out for the first time in the world, and was accepted with A degree (19.68)

*Thesis Title of PhD:*

Effect of ranolazine on electromechanical and biochemical cardiac parameters of  
streptozocin-induced diabetic rats

Note: this project was carried out for the first time in the world, and was accepted with A degree (19.74)

### **Sabbatical course**

**2012 (Nov) -2013 (May)**

Department of Pharmacology and toxicology, University of Vienna, Vienna,  
Austria

Relevant course work: Whole Cell Patch-clamp technique. Evaluation the effect of  
cardiac sodium channel blocker on Heck-cell that expresses wild sodium channels  
and different culture medium of it.

## **PhD advanced courses:**

Pharmacokinetics

Pharmacodynamic

Physiopathology

Neuroscience

Cell and molecular biology

Immunopharmacology

Chemotherapeutics

Cardiovascular pharmacology

Neuropsychopharmacology

Biostatistics

Research methodology

## **Professional memberships**

Member of Medical Council of Islamic Republic of Iran.

Medical Council no. :13335-DA

Member of Iranian Society of physiology and pharmacology.

## Professional experiences

After graduation, I worked as research assistant in Medicinal & Natural Products Chemistry Research Center, Shiraz university of Medical Sciences, Shiraz, Iran (2007-2008)

Teaching presentations in pharmacology for undergraduate students in Jahrom University of medical sciences, 2009, 2014-2015

Teaching presentations in pharmacology for undergraduate students in shiraz university of medical sciences, 2009-2021

## Research Projects

- An analysis of methotrexate in patient's plasma, which indicated for this drug and have a chronic romatiod arthritis, by HPLC-UV detector. Shiraz University of medical Sciences, Shiraz, Iran 2007-2008 (K. Javidnia, S.M. Oji).
- Evaluation of some medicinal herbs that grown in Fars area by immunological tests. Shiraz University of medical Sciences, Shiraz, Iran 2007-2008 (Z. Amirghofran).
- The effects of Levosimendan and papaverin in human Saphenous Veins and in human Internal Mammary Artery. Shiraz University of medical Sciences, Shiraz, Iran 2008-2009 (H. Mirkhani, M. Shafa).

- Stereological and morphological study on diabetic rat hearts. Shiraz University of medical Sciences, Shiraz, Iran 2011-2012 (A. Noorafshan, S. Karbalayee-doost, H. Mirkhani).
- Ranolazine effects on rat aorta vasorelaxation. Shiraz University of medical Sciences, Shiraz, Iran 2011 (H. Mirkhani).
- Rewriting of book “Alvah o ssehe” from “Dr. Jilani” in 1626. Shiraz University of Medical Sciences, Shiraz, Iran 2010-2012 (P. Badr).

Registered research projects as first author:

- Early outcome of patient with ulcerative colitis who received high dose of steroid and underwent two staged total proctocolectomy (2014-2015) 8632-96-01-93
- Evaluation the weight loss pattern after laparoscopic sleeve gastrectomy and its effect on diabetes, hyperlipidemia, hypertension, gallstone and infertility in Shiraz (2014-2016) 8752-69-01-93
- Important role of the perineal body thickness an endosonographic measurement in fecal incontinence of multipara women (2016) 10834-96-01-94

## **Certifications & Workshops**

- Second Atps symposium by European peptid Society in Medical University of Vienna, Austria, 29<sup>th</sup> Nov, 2012.
- ASTOX (Austrian Society of Toxicology) symposium, Department of Pharmacology and Toxicology, University of Vienna, Vienna, Austria 21-22 March 2013.
- Attendance in 10<sup>th</sup> Iranian's pharmacy Seminar. Mashad- Iran October 2006.
- Attendance in 20<sup>th</sup> Iranian Congress of physiology and pharmacology. Hamedan- Iran 2011.
- Electrophysiology methods of action potential recording and animal heart modeling .4<sup>th</sup> Iranian workshop in 20<sup>th</sup> Iranian Congress of physiology and pharmacology. Cardiovascular research center. Golestan University of medical sciences. Gorgan- Iran Sep.2011.
- Induction of Kidney Hypertension and MI, Echocardiography in rats. Shiraz University of Medical Sciences 4-5 Sep. 2012.
- Preparation of Solid Lipid Nanoparticles. The 8<sup>th</sup> Annual Research Congress and first International congress of Iranian Students of Medical Sciences (ARCMS), May, 2007.
- Drug therapy course for infectious diseases. Shiraz University of medical Sciences. August, 2007.
- Introduction with SEM electronic microscopy. The third international Congress of Nanotechnology, Shiraz University, June, 2008.
- Introduction to Medicinal Information Databases. Shiraz University of Medical Sciences. July, 2007.
- Principles of safety and immunity in laboratory workshop . shiraz university of medical

sciences. September 2008.

- Polymerase Chain Reaction (PCR). 3<sup>rd</sup> International congress on Nanoscience and Nanotechnology (ICNN 2010). Shiraz University, Shiraz, Iran 9-11 November 2010.
- “Endnote X3 software” training. Shiraz University of Medical Sciences. Shiraz, Iran. March 2009.
- Medical Journalism. Shiraz University of Medical Sciences. Shiraz, Iran, Aug 2009.
- Advanced methods of research. Shiraz University of Medical Sciences. Shiraz, Iran, Feb 2010.
- Statistics Methods and SPSS usage. Shiraz University of Medical Sciences. Shiraz, Iran. July 2009.
- Logics of scientific discovery. Shiraz University of Medical Sciences. Shiraz, Iran. Feb 2009.

## **Presentations & Posters**

Khazraei, H. Zibaenezhad, J. Effect of nut oil consumption on blood sugar and lipid control in patients. International congress of preventive cardiovascular disease. Shiraz, Iran 2-6 Oct 2014.

Hajar Khazraei. Comparison of early results and complications in multiport sleeve gastrectomy and single port sleeve gastrectomy. 4<sup>th</sup> International congress of Minimally invasive surgery. Shiraz, Iran, 20-24 April 2015.

Hajar Khazraei. Middle east experience with transanal endoscopic microsurgery (TEM). 4<sup>th</sup>

International congress of Minimally invasive surgery. Shiraz, Iran, 20-24 April 2015.

Namazi,S. Khazraei,H. Evaluation of Dipyridamole in prevention of Cardiovascular disease. 5<sup>th</sup> research Day of Shiraz Faculty of Pharmacy, Shiraz,December, 2004.

- Javidnia, K. Khazraei,H. Chemical Composition of the Volatile Oil of Aerial Parts of *Valeriana sisymbriifolia* Vahl.Grown In Iran. First Seminar of Medical & Natural Products Chemistry, Shiraz, Iran, 10-11 May, 2005.
- Amirghofran, Z. Javidnia, K. Khazraei,H. Evaluation of different fractions of *Stachys obtusifolia* Boiss. On immune response.6<sup>th</sup> research day of Shiraz Faculty of Pharmacy, Shiraz,Iran,2 June,2007.

Khazraei, H., Javidnia, K., Khamooshi, S. Compounds in essence of *Valeriana sisymbriifolia* by GC/MS. 10<sup>th</sup> Iranian's pharmacy Seminar. Mashad- Iran October 2006.

- Khazraei, H. Emamghoreishi, M. Neuronal chemokines: messengers in CNS cell communication. The Pharmacology departmental seminar, Shiraz medical school, 2009.
- Khazraei, H. Moezi, L. Cysteine cathepsin proteases as pharmacological targets in cancer. The Pharmacology departmental seminar, Shiraz medical school, 2009.
- Khazraei, H. Mirkhani, H. New pharmacological therapies for myocardial ischemia .The Pharmacology departmental seminar, Shiraz medical school ,2009.
- Mirkhani, H. Shafa, M. Khazraei, H. Comparison of the effects of *levosimendan* and *papaverine* on human internal mammary artery and saphenous vein vein.3<sup>rd</sup> Middle East cardiovascular congress. Kish-Iran. March 2009.
- Mirkhani, H. Khazraei, H. Comparison of the effects of ranolazine on cardiac functional



parameters in normal and diabetic rats. 20<sup>th</sup> Iranian Congress of physiology and pharmacology. Hamedan University of medical science. Hamedan- Iran October 2011.

- Khazraei, H. Mirkhani, H. Vasorelaxant effect of ranolazine on isolated rat aorta: A study of possible mechanisms. 20<sup>th</sup> Iranian congress of physiology and pharmacology. Hamedan University of medical science. Hamedan-Iran October 2011.

Khazraei, H. Akmal, M., Mirkhani, H. Comparison of beta-oxidation of fatty acid enzymes activity in diabetic and normal rat hearts and effect of ranolazine. 21<sup>th</sup> International Iranian Congress of Physiology and Pharmacology. 23-27 August 2013.

- Hamidian, H. Khazraei, H. Anti-inflammatory effects of honey in injured skin. 3<sup>rd</sup> seminar of Islamic and Iranian Medicine. Shiraz University of Medical Sciences, Shiraz, Iran, 10<sup>th</sup> March 2011.
- Khazraei, H. Mirkhani, H. Shafa, M. Effect of ranolazine on contractility and refractory period of left atrium of normal and diabetic rats. 6<sup>th</sup> Middle east cardiovascular congress & 4<sup>th</sup> International congress of cardiovascular imaging. Dubai, UAE, 24-27 Jan 2012.
- Khazraei, H. Mirkhani, H. Shafa, M. Effect of ranolazine on cardiac microcirculation of normal and diabetic rats, using laser Doppler flowmetry. 6<sup>th</sup> Middle east cardiovascular congress & 4<sup>th</sup> International congress of cardiovascular imaging. Dubai, UAE, 24-27 Jan 2012.
- Khazraei, H. Badr, P. Abdollahi, M. Health education in 112 parts, introduction of “alvaho sehe” book. Investigation in traditional pharmacy, its potentials and obstacles. March 2012.
- THE RELATIONSHIP BETWEEN HEALTH LOCUS OF CONTROL AND ADHERENCE TO SELFMANAGEMENT BEHAVIORS IN PATIENTS UNDERGOING BARIATRIC SURGERY. IFSO 2018, Dubai, sep 2018
- A clinical study on the effect of Zataria Multiflora essential oil on white blood cell count of human beings. 7th national congress on medicinal plants. 12-14th May 2018

- Advantages and disadvantages of single anastomosis sleeve ileostomy bypass.
- Quality of life after laparoscopic sleeve gastrectomy in Shiraz.

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## Publications

- 1- L. Ghahramani, M. Forooghi, M. Mohammadianpanah, S.V. Hosseini, A. Izadpanah, S. Rahimi-Kazerooni, F. Ghafarpasand, H. Khazraei. Safe Distal Margin Resection in Patients with Low Rectal Cancer Undergoing Neoadjuvant Chemoradiation. is accepted for publication in the International Journal of Radiation Research (IJRR). 14 (3), 215-220
- 2- Hajar Khazraei · Abdul-Razzak Kalaf Hassan · Masoomah Rahimi. Effect of Nylon Vs. Polyglactin (Vicryl) in Appendectomy Skin Sutures. Ann Colorectal Res. 2015; 3(4): e34673.
- 3- Hajar Khazraei · Seyed vahid Hosseini. Melilotus officinalis L. Protects Ulcerative Colitis in Rats. Ann Colorectal Res. 2015; 3(3): e32500.
- 4- Shahryar Zeighami · Seyed Ali Eslahi · Mohammad Mehdi Hosseini · Ali Ariafar · Sara Pakbaz · Mohsen Rastegari · Hajar Khazraei. Extramedullary Hematopoiesis in a Man With  $\beta$ -Thalassemia: An Uncommon Cause of an Adrenal Mass. Ann Colorectal Res. 2015; 3(2): e29003.
- 5-Razzaghi-Asl, N., Garrido, J., Khazraei, H., Borges, F. and Firuzi O. Antioxidant properties of hydroxycinnamic acids: a review of structure-activity relationships. Current Medicinal Chemistry, July 2013 Impact Factor: 3.85 · DOI: 10.2174/09298673113209990141
- 6-Noorafshan, A., Karbalay-Doust, S., Khazraei, H., Rafati, A., Mirkhani, H. Spatial arrangement of the heart structure: Application of second-order stereology in diabetic rats. Annals of Anatomy, 2013. Impact Factor: 1.48 · DOI: 10.1016/j.aanat.2013.04.012 ·
- 7-Javidnia, K. Miri, R. Khazraei, H. Chemical Composition of the Volatile Oil of Aerial Parts of *Valeriana sisymbriifolia* Vahl. Grown In Iran. Flavour Fragr. J. impact factor= 2.0, 2006;21:516-518. Paper published on 3 January 2006 in Wiley Inter Science
- 8-Mirkhani, H. Shafa, M. Khazraei, H. Comparison of the effects of *levosimendan* and *papaverine* on human internal mammary artery and saphenous vein. Cardiovasc Drug Ther. Impact factor=3.2, 2009 oct;23(5):355-9.
- 9-Khazraei, H. Mirkhani, H. Purkhosrow, A. Vasorelaxant effect of ranolazine on isolated rat

aorta: A study of possible mechanisms. *Acta Physiologica Hungarica*, impact factor=0.7, 2013. 100(2):153-162 .

10-Khazraei, H. Shafa, M. Mirkhani, H. Effect of ranolazine on cardiac microcirculation of normal and diabetic rats, using laser Doppler flowmetry. *Acta Physiologica Hungarica*. 101(3):301-8 · 2014 Impact Factor: 0.73 · DOI: 10.1556/APhysiol.101.2014.3.5 .

11-Noorafshan, A., Khazraei, H., Mirkhani, H., Karbalay-Doust, S. Stereological study of the diabetic heart of male rats. *Laboratory Animal Research*, 2013. DOI: 10.5625/lar.2013.29.1.12 .

12-Mohammad Ali Babaee Beigi · Mohammad Javad Zibaenezhad · Kamran Aghasadeghi · Abutaleb Jokar · Shahnaz Shekarforoush · Hajar Khazraei. The Effect of Educational Programs on Hypertension Management. *International Cardiovascular Research Journal* 8(3):94-8 · September 2014.

13-A Rezaianzadeh, S Rahimikazerooni, H Khazraei, SMK Tadayon. Do clinicopathologic features of rectal and colon cancer guide us towards distinct malignancies. *Journal of Gastrointestinal Oncology*. Accepted for publication Feb 26, 2019 10 (2), 203

14- M Moazeni, SV Hosseini, MH Al-Qanbar, AM Alavi, H Khazraei. In vitro evaluation of the protoscolicidal effect of Eucalyptus globulus essential oil on protoscolices of hydatid cyst compared with hypertonic saline, povidone iodine and silver nitrate. *Journal of visceral surgery*. Available online 7 February 2019

15- A Bananzadeh, SV Hosseini, A Izadpanah, A Izadi, H Khazraei, M Zamani. Outcomes of Implementation of Sacral Nerve Stimulation in Incontinent Patients in Shiraz. *Advanced Biomedical Research* 8 (1), 21.

16- SV Hosseini, Z Mojtahedi, Z Beizavi, H Khazraei, M Zamani. Relationship between Arg753Gln Toll-like receptor 2 and Asp299Gly Toll-like receptor 4 genetic variations and susceptibility to colorectal cancer in southern Iran. *ARCHIVES OF BIOLOGICAL SCIENCES* 70 (4), 775-779

17-SV Hosseini, M Tahamtan, H Khazraei, A Bananzadeh, F Hajihosseini. Effects of stapled hemorrhoidopexy on anorectal function: A prospective randomized controlled trial. *Iranian Journal of Medical Sciences*. 2018;43 (6), 581

18-AMAH Alhurry, MA Akool, SV Hosseini, H Khazraei, L Moosavi. Does perineal body thickness affect faecal incontinence in multiparous patients? *South African Journal of Obstetrics and Gynaecology* 24 (3), 28-31.

- 19- The effect of laparoscopic sleeve gastrectomy on patients' quality of life in Shiraz. *Journal of Minimally Invasive Surgical Sciences*.
- 20- N Yazdani, SV Hosseini, M Amini, Z Sobhani, F Sharif, H Khazraei. Relationship between Body Image and Psychological Well-being in Patients with Morbid Obesity. *International journal of community based nursing and midwifery* 6 (2), 175
- 21- M Tahamtan, SV Hosseini, SH Mosavat, A Banzadeh, M Rahimi. Concepts of hemorrhoids and its treatment in Avicenna's Canon of medicine. *Ann Colorectal Res.* 6 (1)
- 22- M Dianatinasab, H Ghaem, A Rezaianzadeh, SV Hosseini, H Khazraei. Colorectal cancer mortality in Shiraz, Iran. *Asian Pac J Cancer Prev* 17 (8), 4101-5
- 23- SV Hosseini, SA Hosseini, AMAH Al-Hurry, H Khazraei, F Ganji. Comparison of early results and complications between multi-and single-port sleeve gastrectomy: a randomized clinical study. *Iranian journal of medical sciences* 42 (3), 251
- 24- SV Hosseini, AK Hassan, AMAH Alhurry, M Mokhtari, N Tanideh, H Khazraei. Povidone iodine versus silver nitrate in induction of sclerosing cholangitis in hepatic hydatid cysts surgery. *Comparative Clinical Pathology* 27 (1), 239-243
- 25- M Tahamtan, L Ghahramani, H Khazraei, YT Tabar, A Banzadeh. Surgical management of anal stenosis: anoplasty with or without sphincterotomy. *Journal of Coloproctology* 37 (1), 13-17
- 26- M Tahamtan, SV Hosseini, H Khazraei, M Forozesh, A Banzadeh. Effect of human amniotic membrane on anastomosis leakage in dog model. *Comparative Clinical Pathology* 25 (6), 1121-1126
- 27- SV Hosseini, A Ayoub, A Rezaianzadeh, AM Banzadeh, L Ghahramani, H Khazraei. A survey on concomitant common bile duct stone and symptomatic gallstone and clinical values in Shiraz, Southern Iran. *Advanced biomedical research* 5
- 28- SV Hosseini, AMA Al Hurry, H Khazraei, H Hadavi. The effect of laparoscopic sleeve gastrectomy on patients' quality of life in Shiraz. *Journal of Minimally Invasive Surgical Sciences* 7 (1)
- 29- H Khazraei, A Banzadeh, SV Hosseini. Early Outcome of Patient with Ulcerative Colitis who Received High Dose of Steroid and Underwent Two Staged Total Proctocolectomy. *Advanced biomedical research* 7
- 30- H Khazraei, SV Hosseini, M Amini, A Banzadeh, N Najibpour, F Ganji. Effect of weight

loss after laparoscopic sleeve gastrectomy on infertility of women in Shiraz. *Journal of Gynecologic Surgery* 33 (2), 43-46

31- SV Hosseini, MH Aski, AMAH Al-Hurry, ARK Hassan, H Khazraei. Simultaneous application of human amniotic membrane and Tachosil® in the repair of recto-vaginal fistula in an animal model. *Comparative Clinical Pathology* 26 (2), 405-409

32- SV Hosseini, M Amini, H Khazraei, N Najibpour, F Ganji, F Sadeghi. Evaluation of the effect of laparoscopic sleeve gastrectomy on gallstones in Shiraz. *Bariatric Surgical Practice and Patient Care* 11 (4), 143-146

33- H Ghaem, Z Amiri, F Kianpour, A Rezaianzadeh, SV Hosseini, H Khazraei. Comparing Recurrence and Complications After Laparoscopy and Laparotomy Surgery among Patients Suffering from Colorectal Cancer, Shiraz, Iran. *Asian Pac J Cancer Prev* 17 (7), 3111-6

34- M Moazeni, SV Hosseini, MH Al-Qanbar, AM Alavi, H Khazraei. Évaluation in vitro de l'effet scolicide de l'huile essentielle d'Eucalyptus globulus sur les scolex du kyste hydatique comparée au sérum salé hypertonique, à la povidone iodée. *Journal de Chirurgie Viscérale*

35- M Rafati, SV Hosseini, F Moradian, M Zamani, H Khazraei, M Mokhtari. Human amniotic membrane effect on perianal fistula healing in rabbits: An experimental study

*Iranian journal of medical sciences* 43 (5), 473

36- SV Hosseini, M Dehghani, H Khazraei, MY Karami, S Karbasi. Human amniotic membrane effect on colorectal anastomosis in dogs undergoing radiotherapy with/without diverting stoma: An experimental preliminary study. *International Journal of Radiation Research* 15 (2), 213-218

37- H Khazraei, H Mirkhani, M Akmal. The Antianginal Agent Ranolazine Inhibits Mitochondrial  $\beta$ -Oxidation Pathway. *Clin Exp Pharmacol* 6 (203), 2161-1459.1000203

38- SV Hosseini, H Khazraei, AAA Algharah, M Pourahmad, F Bahrami. [The effect of COVID-19 on the Management of Rectal Cancer](#). *Annals of Colorectal Research (Iranian Journal of Colorectal Research)*. 2021; 9 (2):73-77.

39- Z Sobhani, M Amini, M Zarnaghash, HR Foroutan, SV Mojab, H Khazraei. [Self-management Behaviors and Anthropometric Indices after Roux-en-Y Gastric Bypass](#). *World Journal of Surgery* 2021;45 (6): 1812-1817.

40- H Khazraei, M Akmal, H Mirkhani. [Mechanical effects of ranolazine on normal and diabetic-isolated rat heart](#). *Research in Pharmaceutical Sciences*. 2021;16 (3): 269-277.

ردیف	عنوان	ژورنال	تاریخ چاپ یا پذیرش	ایندکس	نویسنده	IF
41	<a href="#">The effect of COVID-19 on the Management of Rectal Cancer</a>	Iranian Journal of Colorectal Research	<a href="#">Jun 2021</a>	<a href="#">Copernicus</a>	<a href="#">دوم و منسوی ل</a>	=
42	<a href="#">Self-management Behaviors and Anthropometric Indices after Roux-en-Y Gastric Bypass</a>	<a href="#">World Journal of Surgery</a>	<a href="#">March 2021</a>	<a href="#">ISI</a>	<a href="#">ششم</a>	<a href="#">3.352</a>
43	<a href="#">Mechanical effects of ranolazine on normal and diabetic-isolated rat heart</a>	Research in Pharmaceutical Sciences	<a href="#">May 2021</a>	<a href="#">ISI (ESCI)</a>	<a href="#">اول</a>	=
44	<a href="#">Electrocardiological effects of ranolazine and lidocaine on normal and diabetic rat atrium</a>	Journal of Interventional Cardiac Electrophysiology	<a href="#">Apr 2020</a>	<a href="#">ISI</a>	<a href="#">اول</a>	<a href="#">1.9</a>
45	<a href="#">In Vitro Cytotoxicity and Apoptotic Assay of Eucalyptus globulus Essential Oil in Colon and Liver Cancer Cell Lines</a>	Journal of Gastrointestinal Cancer	<a href="#">March 2021</a>	<a href="#">medline</a>	<a href="#">اول</a>	=
46	<a href="#">Investigation of the effect of the family-centered empowerment model on the self-care ability of patients with colorectal cancer</a>	Journal of Birjand University of Medical Sciences	<a href="#">Dec 2020</a>	<a href="#">doaj</a>	<a href="#">چهارم</a>	=
47	<a href="#">Self-efficacy, happiness and psychological well-being after sleeve gastrectomy</a>	<a href="#">World Journal of Surgery</a>	<a href="#">Dec 2020</a>	<a href="#">ISI</a>	<a href="#">پنجم و منسوی ل</a>	<a href="#">3.352</a>
48	<a href="#">Relationship between episiotomy and fecal incontinence after delivery</a>	Iranian Journal of Colorectal Research	<a href="#">Sep 2020</a>	<a href="#">Copernicus</a>	<a href="#">اول</a>	=
49	<a href="#">Sleeve Gastrectomy vs. Fundus Resection in Bariatric Surgery (Animal Study)</a>	Shiraz E-Medical Journal	<a href="#">Jun 2020</a>	<a href="#">Scopus</a>	<a href="#">سوم</a>	=
50	<a href="#">Investigation of PCSK9 Gene Polymorphisms in Two Iranian Ethnic Groups with Coronary Artery Disease in Fars Province</a>	International Cardiovascular Research Journal	<a href="#">Jun 2020</a>	<a href="#">ISI (ESCI)</a>	<a href="#">ششم</a>	=
51	<a href="#">Intronic Polymorphisms of the Fat Mass and Obesity-Associated (FTO) Gene in Association with Morbid Obesity in Southern Iran</a>	Shiraz E-Medical Journal	<a href="#">May 2020</a>	<a href="#">Scopus</a>	<a href="#">ششم</a>	=
52	<a href="#">Evaluation of Complications in Patients with Sacrococcygeal Plonidal Diseases Treated with Different Surgical Techniques</a>	Sadra Medical Journal	<a href="#">Apr 2020</a>	<a href="#">Copernicus</a>	<a href="#">چهارم</a>	=
53	<a href="#">Alteration in hematological and biochemical parameters following the long-term consumption of Zataria multiflora essential oil in patients infected with liver hydatid disease</a>	Iranian Journal of Colorectal Research	<a href="#">March 2020</a>	<a href="#">Copernicus</a>	<a href="#">چهارم و منسوی ل</a>	=
54	<a href="#">Effect of egg white and honey enema on ulcerative colitis in an animal model</a>	Comparative Clinical Pathology	<a href="#">Jul 2019</a>	<a href="#">Scopus</a>	<a href="#">سوم و منسوی ل</a>	=
55	<a href="#">The Short-Term Effects of Pistacia Lentiscus Oil and Sesame Oil on Liver and Kidney Pathology of Rats and Human Cancer Cell Lines</a>	Galen Medical Journal	<a href="#">Oct 2020</a>	<a href="#">ISI (ESCI)</a>	<a href="#">سوم و منسوی ل</a>	=
56	<a href="#">The anti-inflammatory effect of Pistacia lentiscus in a rat model of colitis</a>	Journal of Inflammation Research	<a href="#">July 2020</a>	<a href="#">ISI</a>	<a href="#">سوم و منسوی ل</a>	<a href="#">4.953</a>
57	<a href="#">Evaluation the effects of Eucalyptus essential oil and hypertonic saline as scolicial agents in induction of sclerosing cholangitis in rabbits</a>	Advanced biomedical research	<a href="#">Feb 2020</a>	<a href="#">Pubmed</a>	<a href="#">سوم و منسوی ل</a>	=
58	<a href="#">Laparoscopic pelvic organ suspension with mesh: a modified technique and primary results</a>	Journal of Coloproctology (Rio de Janeiro)	<a href="#">Oct 2019</a>	<a href="#">Scopus</a>	<a href="#">سوم</a>	=
59	<a href="#">Do clinicopathologic features of rectal and colon cancer guide us towards distinct malignancies?</a>	Journal of gastrointestinal oncology	<a href="#">Apr 2019</a>	<a href="#">ISI</a>	<a href="#">سوم</a>	<a href="#">2.892</a>

