

In the name of God

Curriculum Vitae

Bahram Rasoulia (MD, PhD)

December 2025

ResearchID: p-6741-2016



Name: Bahram Rasoulia

Date & place of birth: 1974, Borujerd, Iran

Academic status: **Professor of Physiology**

Education:

Medical Doctor: Isfahan University of Medical Sciences, Isfahan, Iran, 2002

PhD in Physiology: Baqiyatallah University of Medical Sciences, Tehran, Iran, 2007

Academic and scientific positions:

- Faculty Member of the Physiology Department, Lorestan University of Medical Sciences, Khorramabad, Iran 2007-2023

-Faculty Member of the Physiology Department, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2023-present

- Deputy of Research and Technology at Lorestan University of Medical Sciences, 2022-2023

Member of the National Physiology Board of Iran, 2019-2022 and October 2025-present

- Head of “Razi Herbal Medicines Research center”, Lorestan University of Medical Sciences, 2008 - 2015

- Chief Editor of Herbal Medicines Journal, 2015 – 2024

- Member of the Cultural Council of Lorestan University of Medical Sciences, 2011-2023

Scientific society membership:

- Iranian Physiology and Pharmacology Society

Patents:

Adeli M, Saadatmehr F, Kalantari M, Rasoolian B, inventors. Hyperbranched polyester and a method of synthesizing a hyperbranched polyester. United States patent application US 13/044,053. 2011 Mar 9.

Also 2 Iranian patents.

International journal articles:

1. Rasoulian B, Kaeidi A, Rezaei M, Hajjalizadeh Z. Cellular Preoxygenation Partially Attenuates the Antitumoral Effect of Cisplatin despite Highly Protective Effects on Renal Epithelial Cells. *Oxidative Medicine and Cellular Longevity*. 2017;2017.
2. Rasoulian B, Kheirandish F. Herbal Medicines: from Traditional Medicine to Modern Experimental Approaches. *Herbal Medicines Journal*. 2017;1(2).
3. Mohammadi A, Raoufi S, Namdari M, Raoufi A, Anbari K, Tahzibi S, et al. Pre-Exposure to Normobaric Hyperoxia Has No Effect on Myocardial Injury Biomarkers after Percutaneous Transluminal Coronary Angioplasty. *IRANIAN HEART JOURNAL*. 2016;17(3):18-26.
4. Jafaripour L, Rasoulian B, Tavafi M, Rafighdoost H, Mahmodi M, Rashidipour M, et al. Pretreatment with olive leaf extract improves renal and liver antioxidant systems following renal ischemia-reperfusion injury in rats. *Herbal Medicines Journal*. 2016;1(1).
5. Bahramian S, Bigdeli MR, Rasoulian B. The Antioxidant and Antiangiogenic Effects of Dietary supplement of *Nigella sativa* Crude Oil on Breast Tumor in BALB/c Mice. *Herbal Medicines Journal*. 2016;1(1).
6. Bahramian S, Bigdeli MR, Rasoulian B, Farimani MM. Antitumor and Antiangiogenic Effects of the Crude Oil of *Nigella sativa* L. in Tumor Tissues in BALB/c Mice. *Zahedan Journal of Research in Medical Sciences*. 2016;18(5).
7. Wahhabaghahi H, Heidari R, Zeinoddini A, Soleyman-Jahi S, Golmanesh L, Rasoulian B, et al. Hyperoxia-induced preconditioning against renal ischemic injury is mediated by reactive oxygen species but not related to heat shock proteins 70 and 32. *Surgery*. 2015;157(6):1014-22.
8. Tavafi M, Ahmadvand H, Tamjidipour A, Rasolian B. Effect of normobaric hyperoxia on gentamicin-induced nephrotoxicity in rats. *Iranian journal of basic medical sciences*. 2014;17(4):287.
9. Rasoulian B, Kaeidi A, Pourkhodadad S, Dezfoulian O, Rezaei M, Wahhabaghahi H, et al. Effects of pretreatment with single-dose or intermittent oxygen on cisplatin-induced nephrotoxicity in rats. *Nephro-urology monthly*. 2014;6(5).

10. Hajjalizadeh Z, Nasri S, Kaeidi A, Sheibani V, Rasoulilian B, Esmaeili-Mahani S. Inhibitory effect of *Thymus caramanicus* Jalas on hyperglycemia-induced apoptosis in in vitro and in vivo models of diabetic neuropathic pain. *Journal of ethnopharmacology*. 2014;153(3):596-603.
11. Milanizadeh S, Bigdeli MR, Rasoulilian B, Amani D. The effects of olive leaf extract on antioxidant enzymes activity and tumor growth in breast cancer. *Thrita*. 2014;3(1).
12. Ahmadvand H, Dehnoo MG, Cheraghi R, Rasoulilian B, Ezatpour B, Azadpour M, et al. Amelioration of altered serum, liver, and kidney antioxidant enzymes activities by sodium selenite in alloxan-induced diabetic rats. *Reports of biochemistry & molecular biology*. 2014;3(1):14.
13. Kaeidi A, Rasoulilian B, Hajjalizadeh Z, Pourkhodadad S, Rezaei M. Cisplatin toxicity reduced in human cultured renal tubular cells by oxygen pretreatment. *Renal failure*. 2013;35(10):1382-6.
14. Adeli M, Rasoulilian B, Saadatmehr F, Zabihi F. Hyperbranched poly (citric acid) and its application as anticancer drug delivery system. *Journal of Applied Polymer Science*. 2013;129(6):3665-71.
15. Rabiei Z, Bigdeli MR, Rasoulilian B. Neuroprotection of dietary virgin olive oil on brain lipidomics during stroke. *Current neurovascular research*. 2013;10(3):231-7.
16. Kaeidi A, Esmaeili-Mahani S, Abbasnejad M, Sheibani V, Rasoulilian B, Hajjalizadeh Z, et al. *Satureja khuzestanica* attenuates apoptosis in hyperglycemic PC12 cells and spinal cord of diabetic rats. *Journal of natural medicines*. 2013;67(1):61-9.
17. Saberi A, Sepehrib G, Esmaeili-M S, Rasoulilian B, Sheibani V, Esmaeilpou K, et al. *Satureja khuzestanica* extract elicits antinociceptive activity in several model of pain in rats. *Journal of Applied Sciences*. 2013;13:729-35.
18. Rafighdoost H, Tavafi M, Rasoulilian B, Ahmadvand H, Mahmodi M, Rashidi Pour M. Effect of olive leaf extract in inhibition of renal ischemia-reperfusion injuries in rat. *Anatomical Sciences Journal*. 2013;10(3):160-5.
19. Esmaeili-Mahani S, Ebrahimi B, Abbasnejad M, Rasoulilian B, Sheibani V. *Satureja khuzestanica* prevents the development of morphine analgesic tolerance through suppression of spinal glial cell activation in rats. *Journal of natural medicines*. 2015;69(2):165-70.
20. Kheradmand A, Dezfoulilian O, Alirezaei M, Rasoulilian B. Ghrelin modulates testicular germ cells apoptosis and proliferation in adult normal rats. *Biochemical and biophysical research communications*. 2012;419(2):299-304.
21. Zare L, Esmaeili-Mahani S, Abbasnejad M, Rasoulilian B, Sheibani V, Sahraei H, et al. Oleuropein, Chief Constituent of Olive Leaf Extract, Prevents the Development of Morphine Antinociceptive Tolerance through Inhibition of Morphine-induced L-type Calcium Channel Overexpression. *Phytotherapy research*. 2012;26(11):1731-7.

22. Esmailidehaj M, Mirhosseini S-J, Rezvani ME, Rasoulia B, Mosaddeghmehrjardi MH, Haghshenas D. Prolonged oral administration of oleuropein might protect heart against aconitine-induced arrhythmia. *Iranian journal of pharmaceutical research: IJPR*. 2012;11(4):1255.
23. Jahanbakhsh Z, Rasoulia B, Jafari M, Shekarforoush S, Esmailidehaj M, taghi Mohammadi M, et al. Protective effect of crocin against reperfusion-induced cardiac arrhythmias in anaesthetized rats. *EXCLI journal*. 2012;11:20.
24. Esmailidehaj M, Rasoulia B, Rezvani ME, Delfan B, Mosaddeghmehrjardi MH, Pourkhalili K. The anti-infarct, antistunning and antiarrhythmic effects of oleuropein in isolated rat heart. *EXCLI journal*. 2012;11:150.
25. Rabiei Z, Bigdeli MR, Rasoulia B, Ghassempour A, Mirzajani F. The neuroprotection effect of pretreatment with olive leaf extract on brain lipidomics in rat stroke model. *Phytomedicine*. 2012;19(10):940-6.
26. Taati M, Alirezaei M, Meshkatsadat M, Rasoulia B, Kheradmand A, Neamati S. Antioxidant effects of aqueous fruit extract of *Ziziphus jujuba* on ethanol-induced oxidative stress in the rat testes. *Iranian Journal of Veterinary Research*. 2011;12(1):39-45.
27. Kaeidi A, Esmaili-Mahani S, Sheibani V, Abbasnejad M, Rasoulia B, Hajializadeh Z, et al. Olive (*Olea europaea* L.) leaf extract attenuates early diabetic neuropathic pain through prevention of high glucose-induced apoptosis: in vitro and in vivo studies. *Journal of ethnopharmacology*. 2011;136(1):188-96.
28. Taati M, Alirezaei M, Moshkatsadat MH, Rasoulia B, Moghadasi M, Sheikhzadeh F, et al. Protective effects of *Ziziphus jujuba* fruit extract against ethanol-induced hippocampal oxidative stress and spatial memory impairment in rats. *Journal of Medicinal Plants Research*. 2011;5(6):915-21.
29. Mohagheghi F, Bigdeli MR, Rasoulia B, Hashemi P, Pour MR. The neuroprotective effect of olive leaf extract is related to improved blood-brain barrier permeability and brain edema in rat with experimental focal cerebral ischemia. *Phytomedicine*. 2011;18(2):170-5.
30. Montazeri K, Vakily M, Honarmand A, Kashefi P, Safavi M, Taheri S, et al. Short-time intermittent preexposure of living human donors to hyperoxia improves renal function in early posttransplant period: a double-blind randomized clinical trial. *Journal of transplantation*. 2011;2011.
31. Baharvand B, Dehaj ME, Foadaddini M, Rasoulia B, Poorkhalili K, Aghai HW, et al. Delayed cardioprotective effects of hyperoxia preconditioning prolonged by intermittent exposure. *Journal of Surgical Research*. 2010;160(1):53-9.

32. Mohagheghi F, Bigdeli MR, Rasoulilian B, Zeinanloo AA, Khoshbaten A. Dietary virgin olive oil reduces blood brain barrier permeability, brain edema, and brain injury in rats subjected to ischemia-reperfusion. *The Scientific World Journal*. 2010;10:1180-91.
33. Sepahvand R, Esmaeili-Mahani S, Arzi A, Rasoulilian B, Abbasnejad M. Ginger (*Zingiber officinale* Roscoe) elicits antinociceptive properties and potentiates morphine-induced analgesia in the rat radiant heat tail-flick test. *Journal of medicinal food*. 2010;13(6):1397-401.
34. Esmaeili-Mahani S, Rezaeezadeh-Roukerd M, Esmaeilpour K, Abbasnejad M, Rasoulilian B, Sheibani V, et al. Olive (*Olea europaea* L.) leaf extract elicits antinociceptive activity, potentiates morphine analgesia and suppresses morphine hyperalgesia in rats. *Journal of ethnopharmacology*. 2010;132(1):200-5.
35. Rasoulilian B, Jafari M, Mahbod M, Dehaj ME, Nowrozi M, Wahhabaghahi H, et al. Pretreatment with oxygen protects rat kidney from cisplatin nephrotoxicity. *Renal failure*. 2010;32(2):234-42.
36. Baharvand B, Dehaj ME, Rasoulilian B, Namdari M, Shikhani Y, Kiani AA. Delayed anti-arrhythmic effect of nitroglycerin in anesthetized rats: involvement of CGRP, PKC and mK ATP channels. *International journal of cardiology*. 2009;135(2):187-92.
37. Dehaj ME, Baharvand B, Rasoulilian B, Foadaddini M, Asgari A, Noroozadeh A, et al. Delayed protective effects of hyperoxia against cardiac arrhythmias and infarction in anesthetized rats. *Journal of Surgical Research*. 2009;151(1):55-61.
38. Wahhabaghahi H, Rasoulilian B, Esmaili M, Mehrani HA, Mohammadhosseniakbari H, Mofid M, et al. Hyperoxia-induced protection against rat's renal ischemic damage: relation to oxygen exposure time. *Renal failure*. 2009;31(6):514-21.
39. Bigdeli MR, Rasoulilian B, Meratan AA. In vivo normobaric hyperoxia preconditioning induces different degrees of antioxidant enzymes activities in rat brain tissue. *European journal of pharmacology*. 2009;611(1):22-9.
40. Rasoulilian B, Jafari M, Noroozadeh A, Mehrani H, Wahhab-Aghai H, Hashemi-Madani S, et al. Effects of ischemia-reperfusion on rat renal tissue antioxidant systems and lipid peroxidation. *Acta Medica Iranica*. 2008;46(5):353-60.
41. Bigdeli MR, Hajizadeh S, Froozandeh M, Heidarianpour A, Rasoulilian B, Asgari AR, et al. Normobaric hyperoxia induces ischemic tolerance and upregulation of glutamate transporters in the rat brain and serum TNF- α level. *Experimental neurology*. 2008;212(2):298-306.
42. Rasoulilian B, Mohammadhosseniakbari H, Kadkhodae M, Mofid M, Baqeri G, Bigdeli MR, et al. Preconditioning with oxygen attenuates rat renal ischemia-reperfusion injury. *Journal of Surgical Research*. 2008;146(2):282-8.

43. Bigdeli MR, Hajizadeh S, Froozandeh M, Rasoulian B, Heidarianpour A, Khoshbaten A. Prolonged and intermittent normobaric hyperoxia induce different degrees of ischemic tolerance in rat brain tissue. *Brain research*. 2007;1152:228-33.
44. Amir Khosravi, Bahman Mirzaei, Javad Mehrabani, Bahram Rasoulian. The effects of aerobic training on brain-derived neurotrophic factor level of brain premotor cortex of young male rats following an acute bout of exhaustive endurance exercise. *EUROPEAN ACADEMIC RESEARCH* 2014
45. Alipour M, Bigdeli M, Rasoulian B, Khaksarian M. Reviews of Natural Products and Herbal Medicines in Treatment of Cancer. *INTERNATIONAL JOURNAL OF ADVANCED BIOTECHNOLOGY AND RESEARCH*. 2017;8:2127-39.
46. Rasoulian B, Hajjalizadeh Z, Esmaeili-Mahani S, Rashidipour M, Fatemi I, Kaeidi A. Neuroprotective and antinociceptive effects of rosemary (*Rosmarinus officinalis* L.) extract in rats with painful diabetic neuropathy. *The Journal of Physiological Sciences*. 2019 Jan 22;69(1):57-64.
47. Sedighi M, Nazari A, Faghihi M, Rafieian-Kopaei M, Karimi A, Moghimian M, Mozaffarpur SA, Rashidipour M, Namdari M, Cheraghi M, Rasoulian B. Protective effects of cinnamon bark extract against ischemia–reperfusion injury and arrhythmias in rat. *Phytotherapy Research*. 2018 Jun 19.
48. Selahvarzian A, Alizadeh A, Baharvand PA, Eldahshan OA, Rasoulian B. Medicinal Properties of *Rosa canina* L. *Herbal Medicines Journal*. 2018;3(2).
49. Rashidipour M, Maleki A, Kordi S, Birjandi M, Pajouhi N, Mohammadi E, Heydari R, Rezaee R, Rasoulian B, Davari B. Pectin/chitosan/tripolyphosphate nanoparticles: efficient carriers for reducing soil sorption, cytotoxicity, and mutagenicity of paraquat and enhancing its herbicide activity. *Journal of agricultural and food chemistry*. 2019 May 1;67(20):5736-45.
50. Rasoulian B, Rashidipour M, Chehelcheraghi F, Moradi Rad N, Moeni M, Shafie F, Mozaffarpur SA. Wound Healing Effect of *Plantago Major* Leaf Extract in a Rat Model: Pilot Experimental Confirmation of a Traditional Belief in Persian Medicine. *Herbal Medicines Journal*. 2018;3(1):26-30.
51. Faghihi M, Rafieian-kopaei M, Rasoulian B, Nazari A. Cardioprotective effect of ethanolic leaf extract of *Melissa officinalis* L against regional ischemia-induced arrhythmia and heart injury after five days of reperfusion in rats. *Iranian Journal of Pharmaceutical Research*. 2019 Jun 18.
52. Sedighi M, Nazari A, Faghihi M, Rafieian-Kopaei M, Karimi A, Moghimian M, Mozaffarpur SA, Rashidipour M, Namdari M, Cheraghi M, Rasoulian B. Protective effects of cinnamon bark extract against ischemia–reperfusion injury and arrhythmias in rat. *Phytotherapy research*. 2018 Oct;32(10):1983-91.

53. Rasoulia n B, Hajjalizadeh Z, Esmaeili-Mahani S, Rashidipour M, Fatemi I, Kaeidi A. Neuroprotective and antinociceptive effects of rosemary (*Rosmarinus officinalis* L.) extract in rats with painful diabetic neuropathy. *The Journal of Physiological Sciences*. 2019 Jan 22;69(1):57-64.
54. Alipour M, Reza Bigdeli M, Aligholi H, Rasoulia n B, Khaksarian M. Sustained release of silibinin-loaded chitosan nanoparticle induced apoptosis in glioma cells. *Journal of Biomedical Materials Research Part A*. 2020 Mar;108(3):458-69.
55. Rashidipour, Marzieh, Bahram Rasoulia n, Afshin Maleki, Behroz Davari, Naser Pajouhi, and Ebrahim Mohammadi. "Pectin/chitosan/tripolyphosphate encapsulation protects the rat lung from fibrosis and apoptosis induced by paraquat inhalation." *Pesticide Biochemistry and Physiology* (2021): 104919.
56. Salari, Ali, Kambiz Roshanaei, Bahram Rasoulia n, and Javad Khalili Fard. "Carvacrol loaded beta cyclodextrin-alginate-chitosan based nanoflowers attenuates renal toxicity induced by malathion and parathion: A comparative toxicity." *Pesticide Biochemistry and Physiology* 172 (2021): 104747.
57. Sedighi, Mehrnoosh, Mostafa Cheraghi, Mahdieh Faghihi, Ali Asghar Kiani, Mostafa Dehghani, Bahram Rasoulia n, and Afshin Nazari. "Hypotensive effect of *Cichorium intybus* extract in rats." *Journal of Herbm ed Pharmacology* (2021).
58. Hassani Moghaddam E, Dolatshah M, Rasulian B, Rashidi M, Shaban M. Study on Rooting and Changes of Some Secondary Metabolites of Dog Rose Grown in Lorestan Province. *Journal of Medicinal plants and By-product*. 2021 Apr 1;10(1):11-7.
59. Salari A, Roshanaei K, Rasoulia n B, Khalili Fard J. Carvacrol attenuates disrupted lipid profile induced by organophosphates in male wistar rat: A comparative toxicity. *Journal of Chemical Health Risks*. 2021 Aug 1;11(Special Issue: Bioactive Compounds: Their Role in the Prevention and Treatment of Diseases):121-8.
60. Taherzadeh S, Rasoulia n B, Khaleghi M, Rashidipour M, Mogharnasi M, Kaeidi A. Anti-obesity effects of aerobic exercise along with *Rosa canina* seed extract supplementation in rats: The role of irisin and adipolin. *Obesity Research & Clinical Practice*. 2023 May 1;17(3):218-25.
61. Ahmadi Somaghian S, Pajouhi N, Dezfoulia n O, Pirnia A, Kaeidi A, Rasoulia n B. The protective effects of hyperoxic pre-treatment in human-derived adipose tissue mesenchymal stem cells against in vitro oxidative stress and a rat model of renal ischaemia-reperfusion. *Archives of Physiology and Biochemistry*. 2023 Aug 1:1-0.
62. Rashidipour M, Soroush S, Ashrafi B, Sepahvand A, Rasoulia n B, Sohrabi SS, Babaeenezhad E. Green synthesis of gold nanoparticles (AuNPs) using aqueous extract and essential oils from *Satureja Khuzestanica* Jamzad: evaluation of their antibacterial and antifungal activities. *Biologia*. 2024 Jan;79(1):333-42.

Published abstracts:

63. Khoshbaten A, Asgari A, Rasoulilian B, Einollahi B, Akbari HM, Zadeh AN. Pretreatment with normobaric oxygen protects the rat kidney against cisplatin nephrotoxicity. *Toxicology Letters*. 2008;180:S50.
64. Khoshabten A, Asgari A, Rasoulilian B. Effects of ischemia-reperfusion on rat renal tissue antioxidant systems and lipid peroxidation. *Toxicology Letters*. 2009;189:S116.
65. Mohagheghi F, Bigdeli M, Rasoulilian B, Zeinallou A, editors. Dietary virgin olive oil reduce ischemia-reperfusion injury in rat brain in vivo. *JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM*; 2009: NATURE PUBLISHING GROUP 75 VARICK ST, 9TH FLR, NEW YORK, NY 10013-1917 USA.
66. Wahhabaghahi H, Rasoulilian B, Esmaili M, Mehrani H, Mohammadhosseniakbari H, Mofid M, et al. Hyperoxia induced protection against rat's renal ischemic damage: Relation to oxygen exposure time. *Toxicology Letters*. 2009 Sep;189:S169-S. PubMed PMID: WOS:000269778800494. English.
67. Mohamadi A, Namdari M, Rasoulilian B, Raoufi A, Nazari A, editors. Pre-exposure to normobaric hyperoxia has no effect on myocardial injury biomarkers after percutaneous transluminal coronary angioplasty. *Cardiology*; 2015: KARGER ALLSCHWILERSTRASSE 10, CH-4009 BASEL, SWITZERLAND.

National journal articles (In Persian):

1. Mohammadhosseniakbari H, Rasoulilian B, Mofid M, Hashemimadani SMH, Jafari M, Noroozadeh A, et al. Evaluating the effect of short ischemic periods on subsequent rat renal ischemic injury. *Physiology and Pharmacology*. 2008;12(2):149-57. (In Persian)
2. Riahi S, Rasoulilian B, Khoshbaten A. Possibility of inducing early or late preconditioning against «stress related erosive gastritis» by oxygen pretreatment in rats. *Trauma Monthly*. 2010;2009(04, Winter):183-8. (In Persian)
3. Beiranvand A, Rasoulilian B, Alirezaei M, Hashemi P, Pilevarian A, Ezatpour B. Pretreatment with Olive Leaf Extract partially attenuates cisplatin-induced nephrotoxicity in rats. *Yafteh*. 2010;11(5):35-44. (In Persian)
4. Mohagheghi F, Bigdeli MR, Rasoulilian B, Asghar Zeinanloo A. Effect of dietary virgin olive oil on serum lipids levels in rats. *Physiology and Pharmacology*. 2010;13(4):379-85. (In Persian)

5. Naderi f, Nazhad Sabzi P, Rasulian b. Survey on supply and demand of medicinal plants in Lorestan province groceries. *Yafte*. 2010;11(5):57-63. (In Persian)
6. Taati M, Alirezaei M, Meshkatalasadat MH, Rasoulia B, Dezfolian O, Neamati S. Antioxidant Effects Of Aqueous Fruit Extract Of *Ziziphus Jujuba* On Ethanol-induced Oxidative Stress In The Liver And Kidney Of Male Rats. *Yafte*. 2011;13(2):57-70. (In Persian)
7. Rasoulia B, Javidnia M, Poladchang M, Rashidipour M, Delfan B, Goudarzi S. The effect of *Satureja Khuzestanica* essential oil administration on intensity of Cisplatin induced nephropathy in rats. *Yafte*. 2011;13(2):6-13. (In Persian)
8. Otadi K, Olyaei GR, Rasoulia B, Emamdoost S, Barikani E, Torbatian E, et al. The effect of modified constraint induced movement therapy on quality and amount of upper limb movements in chronic hemiplegic patients in comparison with traditional rehabilitation. *Journal of Modern Rehabilitation*. 2012;6(1):12-6. (In Persian)
9. Rabiei Z, Bigdeli MR, Rasoulia B, Mohagheghi F, Sharifi A. The effect of various doses of olive leaf extract on brain lipid levels and blood brain barrier permeability in rat stroke model. *Pajoohandeh Journal*. 2012;17(2):67-72. (In Persian)
10. Rabiei Z, Bigdeli M, Mohagheghi F, Rasolian B. Relationship between dietary virgin Olive oil on brain Cholesterol, Cholesteryl ester and Triglyceride levels and Blood Brain Barrier (BBB) permeability in a rat stroke mode. *Physiology and Pharmacology*. 2012;16(3):245-54. (In Persian)
11. Nehad Sabzi P, Naderi F, Rasulian B, Ezatpour B. Case study: level of awareness, insight and behavior of dentist and the sick to the remedial effect of medicinal drop “dentol”. *Journal of Herbal Drugs (An International Journal on Medicinal Herbs)*. 2012;3(1):27-34. (In Persian)
12. Rabiei Z, Bigdeli MR, Mohagheghi F, Rasoulia B, Sharifi A. Effect of dietary olive leaf extract on brain cholesterol, cholesterol ester and triglyceride levels and of brain edema in rat stroke model. *Razi Journal of Medical Sciences*. 2013;19(103):18-25. (In Persian)
13. Tavafi M, Ahmadvand H, Goodarzi S, Rasoulia B. Investigating the Effect of Pretreatment with Oxygen on Inhibition of Gentamycin-induced Nephrotoxicity in Rats. *SSU_Journals*. 2013;21(4):523-32. (In Persian)
15. Rasoulia B, Moradi Rad N, Behrahi F, Jabari M, Rashidipour M, Khoshdek Z, et al. The effects of pretreatment with various doses of L-arginine on cisplatin-induced nephropathy of male rats. *SSU_Journals*. 2016;24(6):491-500. (In Persian)
16. Omidali F, Rasoulia B, Choobineh S. The effects of Short-Term aqueous Saffron extracts consumption on malondialdehyde and anti-oxidant system content of liver of young male rats following an acute bout of exhaustive exercise. *Yafte*. 2017;19(1). (In Persian)
- 17 Omidali F, Rasoulia B, Choobineh S. The effects of Short-Term Grapefruit juice Supplementation on Lipid Peroxidation and Total Antioxidant Capacity and some indicators of

muscular damage in young men following a session of intensive resistance activity. *Yafte*. 2017;19(4). (In Persian)

18. Taherzadeh S, Mogharnasi M, Rasoulia B, Kaeidi A, Khosravi A. The Effect of 6 Weeks Aerobic Training and Aqueous Extract of Caraway Seed (*Carum Carvi*) on the Expression of CTRP12 Gene, Body Weight Changes and Subcutaneous Adipose Tissue in Obese Male Rats: An Experimental Study. *J Rafsanjan Univ Med Sci* 2020; 19 (1): 39-52. (In Persian)

19. Taherzadeh, Sedigheh, Mehdi Mogharnasi, Bahram Rasoulia, and Ayat Kaeidi. "The Effect of 6 Weeks Aerobic Training and Aqueous Extract of Caraway Seed on serum levels of Adipolin, lipid profile changes in Obese Male Rats." *Journal of Sport Biosciences* 12, no. 3 (2020): 362-374. (In Persian)

20. Taherzadeh, Sedigheh, Mehdi Mogharnasi, Ayat Kaeidi and Bahram Rasoulia. The Effect of 6 Weeks of Aerobic Exercise and Aqueous Extract of Caraway Seed on Expression of FNDC5 Gene and Serum Irisin Level in Obese Male Rats. *Sport Physiology & Management Investigations*. Volume 13, Issue 1, Spring 2021, Pages 91-103

- Also 2 articles published in Iranian Journals without English abstract.

Books author:

1) Rapid Review on Phytochemistry, 2014, Avaneard (In Persian)

2) Miracle of the Nature, 2012, Shaporkhast (In Persian)

Book translation:

1) Harper's Illustrated Biochemistry (26th Ed, 2003)

2) Danforth's Obstetrics and Gynecology. (9th Ed, 2003)

3) Moraes F, Kita D. The Little Book of Opium. Ronin Publishing Publishing; 2001

4) Isba R. Rapid infectious diseases and tropical medicine. Blackwell Publishing Ltd.; 2004.

Thesis Supervision:

10 MSc, 8 PhD and 8 MD students.