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Education

B. Sc: 1988, Biology, College of Science, Shiraz University, Shiraz, Iran.

M. Sc: 1991, Immunology, School of Medical Sciences, Tarbiat Modares University, Tehran, Iran.

Ph. D: 2000, Immunology, School of Medical Sciences, Tarbiat Modares University, Tehran, Iran.

Teaching Activities

Basic Immunology for students of Medicine, Pharmacy and Dentistry

Basic Immunology for M.S students of Immunology and Cell Biology

Immunochemistry for M.S and PhD students of Immunology, Biochemistry and Biotechnology

Laboratory Methods of Immunology for MS and PhD students of Immunology

Research Interest

Protein Purification and Bioconjugation

Applied/Therapeutic peptides and proteins

Tumor and Angiogenesis

Full papers

English:

113-

112- Askari V, **Mostafaie A**, Khaleqi S, Shamlou S. Ethyl acetate fraction of *Teucrium polium* extract abolishes human umbilical vein endothelial cells (HUVEC) tubulogenesis in collagen bed through suppression of cell proliferation/VEGF secretion.

111- Rasouli S, Abdolmohammadi A, Zebarjadi A, **Mostafaie A**. Evaluation of polymorphism in *IGF-I* and *IGFBP-3* genes and their relationship with twinning rate and growth traits in Markhoz goats. *Ann. Anim. Sci.* 2017; 17(1): 89-103.

110- Khademi F, **Mostafaie A**, Parvaneh S, Gholami Rad F, Mohammadi P, Bahrami G. Construction and characterization of monoclonal antibodies against the extracellular domain of B-lymphocyte antigen CD20 using DNA immunization method. *Int Immunopharmacol.* 2017; 43: 23-32.

109- Solaimani B, **Mostafaie A**, Hafezian SH, Rahimi Mianji G, Mansouri K, Chaharaein B, Tajehmiri A, Sharifi Tabar M. Bovine sex determining region Y: Cloning, optimized expression and purification. *Anim. Biotechnol.* 2017; 28(1): 44-52.

108- Khademi F, Mohammadi P, Yari Kh. **Mostafaie A**. Resistance of cloned 1F5 chimeric anti-CD20 antibody heavy-chain gene to DNA polymerase due to a predicted hairpin structure during PCR and sequencing. *Res. Mol. Med.* 2016; 4(4):

107- Sanadgol N, Golab F, **Mostafaie A**, Mehdizadeh M, Abdollahi M, Sharifzadeh M, Ravan H. Ellagic acid ameliorates cuprizone-induced acute CNS inflammation via restriction of microgliosis and down-regulation of CCL2 and CCL3 pro-inflammatory chemokines. *Cell. Mol. Biol.* 2016; 62(12): 24-30.

106- Shamlou S, Gorgin Karaji A, Hasanpoor Z, Askari V, **Mostafaie A**. The effect of shallot (*Allium hirtifolium*) extract on profile of Th1/Th2 cytokines in BALB/c mouse splenic lymphocytes. *J. Rep. Pharm. Sci.* 2016; 5(2): 61-66.

105- Khaleghi S, Bahrami G, Mahmoodi M, Asgari V, **Mostafaie A**. Hypoglycemic effect of hydroalcoholic extract and hexane fraction of Persian Shallot (*Allium hirtifolium Boiss*) in streptozotocin-induced diabetic rats. *J. Rep. Pharm. Sci.* 2016; 5(1): 33-40.

104- Amouzadeh Tabrizi M, Shamsipur M, **Mostafaie A**. A high sensitive label-free immunosensor for the determination of human serum IgG using overoxidized polypyrrole decorated with gold nanoparticle modified electrode. *Mat. Sci. Eng C.* 2016; 59: 965-969.

103- Mansouri K, **Mostafaie A**, Rezazadeh D, Shalaei M, Modarressi MH. New function of TSGA10 gene in angiogenesis and tumor metastasis: A Response to a challengeable paradox. *Hum Mol Genet.* 2016; 25(2): 233-244.

102- Tahmasebi H, Khoshgard K, Sazgarnia A, **Mostafaie A**, Eivazi MT. Enhancing the efficiency of 5-aminolevulinic acid-mediated photodynamic therapy using 5-fluorouracil on human melanoma cells. *Photodiagnosis Photodyn. Ther.* 2016; 13: 297-302.

101- Rezaei O, Khodadadi A, Heike Y, **Mostafaie A**, Gerdabi ND, Rashno M, Abdoli Z. Assessment of Relationship between Wilms' Tumor Gene (WT1) Expression in Peripheral Blood of Acute Leukemia Patients and Serum IL-12 and C3 Levels. *Asian Pac. J. Cancer Prev.* 2015; 16(16): 7303-7307.

100- Rezaei R, **Mostafaie A**, Gorgin Karaji A, Mansouri K. The Effect of Standardized Extract of Echinacea Purpurea on Cytotoxicity and Proliferation of Rat Splenocytes. *J. Appl. Biol. Sci.* 2015; 9(2): 19-22.

99- Khodarahmi R, Ashrafi-Kooshk MR, Khodarahmi S, Ghadami SA, **Mostafaie A**. Possible peroxidase active site in amyloidogenic protein: Native monomer or misfolded-oligomer; which one is susceptible to the enzymatic activity, contribution of heme? *Int. J. Biol. Macromol.* 2015; 80: 293-301.

- 98- Kargar SMA, **Mostafaie A**, Majidi-Hervan E, Pourdad SS. Study on genetic variation of 14 soybean cultivars using cluster and factor analysis under water stress and non-stress conditions. *J Bio. Env. Sci.* 2015; 6(3): 100-112.
- 97- Abbasi A, **Mostafaie A**, Bahrami G, Mansouri K. The effect of cis and trans vaccenic acids on expression of ICAM-1 and VCAM-1 in human microvascular endothelial cells (HMEC). *J. Rep. Pharm. Sci.* 2015; 4(1): 65-74.
- 96- Ahmadi F, Deraksandeh K, Jalalizadeh A, **Mostafaie A**, Hosseinzadeh L. Encapsulation in PLGA-PEG enhances 9-nitro-camptothecin cytotoxicity to human ovarian carcinoma cell line through apoptosis pathway. *Res. Pharm. Sci.* 2015; 10(2): 161-168.
- 95- Rahimi R, Ebtekar M, Moazzeni SM, **Mostafaie A**, Mahdavi M. Optimization of multi-epitopic HIV-1 recombinant protein expression in prokaryote system and conjugation to mouse DEC-205 monoclonal antibody: implication for *in vivo* targeted delivery of dendritic cells. *Iran. J. Basic Med. Sci.* 2015; 18(2): 145-152.
- 94- Mohamed Khosroshahi L, Nikoo M, Hasanpoor Z, **Mostafaie A**. Effect of *Tribulus terrestris* aqueous extract on survival and growth of human peripheral blood mononuclear cells (hPBMC) and several cancerous cell lines. *J. Rep. Pharm. Sci.* 2015; 4(1): 24-29.
- 93- Mehrabi M, Mansouri K, Hosseinkhani S, Yarani R, Yari K, Bakhtiari M, **Mostafaie A**. Differentiation of human skin-derived precursor cells into functional islet-like insulin-producing cell clusters. *In Vitro Cell Dev. Biol.* 2015; 51(6): 595-603.
- 92- Ghaffarinia A, Jalili S, **Mostafaie A**, Parvaneh S, Pakravan N. Liver damage and mortality in a male Lewis rat of experimental autoimmune encephalomyelitis. *Iran. J. Pathol.* 2015; 10(1): 9-16.
- 91- Khademi F, Mohammadi M, Kiani A, Haji hosseini R, Parvaneh S, **Mostafaie A**. Efficient Conjugation of Aflatoxin M1 with Bovine Serum Albumin through AFM1-(O-carboxymethyl) oxime and Production of Anti-aflatoxin M1 Antibodies. *Jundishapur J. Microbiol.* 2015; 8(4): e16850.

- 90- Yavari N, Emamian F, Yarani R, Mohammadi-Motlagh HR, Mansouri K, **Mostafaie A**. *In vitro* inhibition of angiogenesis by heat and low pH stable hydroalcoholic extract of Peganum harmala seeds via inhibition of cell proliferation and suppression of VEGF secretion. *Pharm. Biol.* 2015; 53(6): 855- 861.
- 89- Pakravan N, Ghaffarinia A, Jalili C, Riazi-Rad F, Tajedini M, **Mostafaie A**. Seminal vesicle fluid ameliorates experimental autoimmune encephalomyelitis by increasing FoxP3+ regulatory T-cell numbers. *Cell. Mol. Immunol.* 2014; 12: 116-118.
- 88- Moradpour K, Najaphy A, Mansoorifar S, **Mostafaie A**, Bakhtiari M Kiani S. Evaluation of leaf proteome in wheat genotypes under drought stress. *Int. J. Adv. Biol. Biomed. Res.* 2014; 2(3):831-839.
- 87- Kargar SMA, **Mostafaie A**, Majidi Hervan E, Pourdad SS. Evaluation of soybean genotypes using drought stress tolerant indices. *Int. J. Agron. Agric Res.* 2014; 5(2): 103-113.
- 86- Moradpour K, Najaphy A, Mansoorifar S, **Mostafaie A**. Evaluation of leaf protein pattern in wheat genotypes under drought stress. *Int. J. Adv. Biol. Biomed. Res.* 2014; 2(3):840-846.
- 85- Ghaffarinia A, Jalili S, Riazi-Rad F, **Mostafaie A**, Parvaneh S, Pakravan N. Anti-inflammatory effect of chymotrypsin to autoimmune response against CNS is dose-dependent. *Cell. Immunol.* 2014; 292: 102-108.
- 84- Hashemitabar M, Bahmanzadeh M, **Mostafaie A**, Orazizadeh M, Farimani M, Nikbakht R. A proteomic analysis of human follicular fluid: comparison between young and old women. *Int. J. Mol. Sci.* 2014; 15: 17518-17540.
- 83- Shokoohinia Y, Hosseinzadeh L, Alipour M, **Mostafaie A**, Mohammadi-Motlagh HR. Comparative evaluation of cytotoxic and apoptogenic effects of several coumarins on human cancer cell lines: Osthole induces apoptosis in p53-deficient H1299 cells. *Adv. Pharmacol. Sci.* 2014; 2014: 1-8.
- 82- Famil Samavati S, Mohammadi-Motlagh HR, **Mostafaie A**. A highly pure sub-fraction of shallot extract with potent *in vitro* anti-angiogenic activity. *Int. J. Mol. Cell. Med.* 2014; 3(4): 237-245.

- 81- Fereidunian AH, Sadeghalvad M, Omidi Oscoie M, **Mostafaie A**. Purification of soybean Bowman-Birk protease inhibitor (BBI) and identification the mechanisms of BBI suppressive effect on growth of two adenocarcinoma cell lines: AGS and HT29. *Arch. Med. Res.* 2014; 45: 455-461.
- 80- Shokoohinia Y, Hosseinzadeh L, Moieni-Arya M, **Mostafaie A**, Mohammadi-Motlagh HR. Osthole attenuates doxorubicin-induced apoptosis in PC12 cells through inhibition of mitochondrial dysfunction and ROS Production. *BioMed. Res. Int.* 2014; 2014: 1-7.
- 79- Ashrafi R, Najaphy A, Shaban M, Mohebodini M, Vaseghi A, Sohrabi-Babahadi F, **Mostafaie A**. Comparing protein pattern and drought tolerant indicators as screening techniques for drought tolerance in common wheat genotypes. *Int. J. Plant Anim. Environ. Sci.* 2014; 4(2): 251-258.
- 78- Najaphy A, Moradpour K, Mansourifar S, **Mostafaie A**. Terminal drought induced changes in leaf protein pattern of wheat. *Int. J. Plant Anim. Environ. Sci.* 2014; 4(2): 23-26.
- 77- Bagheri A, Khodarahmi R, **Mostafaie A**. Purification and biochemical characterization of glucoamylase from a newly isolated *Aspergillus niger*: Relation to starch processing. *Food Chem.* 2014; 161: 270-278.
- 76- Arkan E. Saber R, Karimi Z, **Mostafaie A**, Shamsipur M. Multiwall carbon nanotube-ionic liquid electrode modified with gold nanoparticles as a base for preparation of a novel impedimetric immunosensor for low level detection of human serum albumin in biological fluids. *J. Pharm. Biomed. Anal.* 2014; 92(15): 74-81.
- 75- Chalabi M, Khademi F, Yarani R, **Mostafaie A**. Proteolytic activities of kiwifruit actinidin (*Actinidia deliciosa* cv. Hayward) on different fibrous and globular proteins: A comparative study of actinidin with papain. *Appl. Biochem. Biotechnol.* 2014; 172(8):4025-4037.

74- Arshadi D, Mansouri K, Khodarahmi R, Seyfi P, Shakiba Y, **Mostafaie A**. *In vitro* Anti-angiogenic activity of shallot (*Allium ascalonicum*) extract is mediated through inhibition of endothelial cell proliferation/migration and down-regulation of VEGF and MMP expression. *J. Rep. Pharm. Sci.* 2014; 3(1): 65-78.

73- Farhadi L, Mohammadi-Motlagh HR, Seyfi P, **Mostafaie A**. Low concentrations of flavonoid - rich fraction of shallot extract induce delayed - type hypersensitivity and TH1 cytokine IFN γ expression in BALB/c mice. *Int. J. Mol. Cell. Med.* 2014; 3(1): 16-25.

72- Mehrabi AM, **Mostafaie A**, Majidi Harvan E, Haghparast R, Kahrizi D. The comparison of leaf protein patterns between two tolerant and susceptible varieties of wheat under drought stress. *Ecol. Environ. Conserv.* 2013; 19(4):935-946.

71- Adibi H, Majnooni MB, **Mostafaie A**, Mansouri K, Mohammadi M. Synthesis, and in-vitro Cytotoxicity Studies of a Series of Triazene Derivatives on Human Cancer Cell Lines. *Iran. J. Pharm. Res.* 2013; 12(4): 695-703.

70- Ghasemi H, Ghazanfari T, **Mostafaie A**, Yaraee R, Amini R, Rezaei A, Mahmoudi M, Faghihzadeh S, Ardestani SK, Babaei M, Jalali-Nadoushan MR, Hassan ZM. Association between sulfur mustard induced eye injuries and serum immunoglobulins levels: Sardasht-Iran Cohort Study. *Int. Immunopharmacol.* 2013; 17(3): 944-951.

69- Maghsoudi S, Ashrafi MR, Shahlaei M, Ghadami SA, Ghobadi S, **Mostafaie A**, Khodarahmi R. Comparative evaluation of amphotericin B binding to the native and modified forms of rice lipid-transfer protein: A possible perspective on improving the drug binding affinity and specificity. *J. Iran. Chem. Soc (JICS)* 2013; 10(5): 937-950.

68- Ghazanfari T, **Mostafaie A**, Yaraee R, Pourfarzam S, Faghihzadeh S, Rezaei A, Mahmoudi M, Vaez-Mahdavi MR, Soroush MR, Naghizadeh MM, Hassan, ZM. Are serum levels of Immunoglobulin classes and IgG subclasses involved in delayed pulmonary complications induced by sulfur mustard? Sardasht-Iran Cohort Study. *Int. Immunopharmacol.* 2013; 17(3):936-943.

67- Ghazanfari T, Kariminia A, Yaraee R, Faghihzadeh S, Ardestani SK, Ebtekar M, **Mostafaie A**, Foroutan A, Rezaei A, Shams J, Mahmoudi M, Vaez-Mahdavi MR, Soroush MR, Ajdary S,

Naghizadeh MM, Jalaie S, Hassan ZM. Long term impact of sulfur mustard exposure on leukocyte subpopulations – Sardasht-Iran Cohort Study (SICS). *Int. Immunopharmacol.* 2013; 17(3):931-935.

66- Yarmohammadi ME, Hassan ZM, **Mostafaie A**, Ebtekar M, Yaraee R, Pourfarzam S, Jalali-Nadoushan MR, Faghihzadeh S, Vaez-Mahdavi MR, Soroush MR, khamesipour A, Faghihzadeh E, Sharifnia Z, Naghizadeh MM, Ghazanfari T. Salivary levels of secretory IgA, C5a and alpha1-antitrypsin in Sulfur mustard exposed patients 20 years after exposure: Sardasht-Iran Cohort Study (SICS). *Int. Immunopharmacol.* 2013; 17(3): 952-957.

65- Ebrahimi M, Hassan ZM, **Mostafaie A**, Zare Mehrjardi N, Ghazanfari T. Purified protein fraction of garlic extract modulates cellular immune response against breast transplanted tumors in BALB/c mice model. *Cell J.* 2013; 15(1): 65-74.

64- Yarani R, Mansouri K, Mohammadi-Motlagh HR, Bakhtiari M, **Mostafaie A**. A new procedure for epidermal cell isolation using kiwifruit actinidin and improved culture of melanocytes in the presence of Leukemia Inhibitory Factor and Forskolin. *Cell prolifer.* 2013; 46: 348-355.

63- kiani A, **Mostafaie A**, Shirazi FH, Ghazanfari T. Serum profiles of matrix metalloproteinases and their tissue inhibitors in long-term pulmonary complication induced by sulfur mustard: Sardasht-Iran Cohort Study. *Int. Immunopharmacol.* 2013; 17(3): 964-967.

62- Yari K, Afzali S, Mozafari H, Mansouri K, **Mostafaie A**. Molecular cloning, expression and purification of recombinant soluble mouse endostatin as an anti-angiogenic protein in *Escherichia coli*. *Mol. Biol. Rep.* 2013; 40: 1027–1033.

61- Karimzadeh K, **Mostafaie A**, Zahmatkesh A. Detection of Cytochrome P450 1A Content Exposed to Polycyclic Aromatic Hydrocarbons (PAHs) in Two Species of Sturgeon. *World J. Fish Marine Sci.* 2012; 4 (6): 604-608.

60- Masoumi SM, Kahrizi D. Rostami-Ahmadvandi H, Soorni J. Kiani S, **Mostafaie A**, Yari K. Genetic diversity study of some medicinal plant accessions belong to Apiaceae family based on seed storage proteins patterns. *Mol. Biol. Rep.* 2012; 39:10361–10365.

- 59- Khodarahmi R, Hossein-pour Z, Ghobadi S, Mansouri K, **Mostafaie A**, Yari K, Ghadami SA. Non-specific peroxidase activity and catalase-inhibitory behavior of fibrillar aggregates after interaction with heme: relevance to the etiology of amyloid-related neurodegenerative disorders using the experimental-based evidences. *J. Iran. Chem. Soc (JICS)* 2012; 9: 939-950.
- 58- Ghobadi S, Yousefi F, Khademi F, Padidar S, **Mostafaie A**. An efficient method for purification of non-specific lipid transfer protein-1 from rice seeds using kiwifruit actinidin proteolysis and ion exchange chromatography. *J. Sep. Sci.* 2012; 35(21): 2827-2833.
- 57- Mikaili A, Chalabi M, Ghashghaie A, **Mostafaie A**. Immunization against bovine dermatophytosis with live *Trichophyton verrucosum*. *Afr. J. Microbiol. Res.* 2012; 6(23): 4950-4953.
- 56- Majnooni MB Mansouri K, Gholivand MB, **Mostafaie A**, Mohammadi-Motlagh HR, Afnanzade NS, Abolghasemi MM, Piriyaee M. Chemical composition, cytotoxicity and antioxidant activities of the essential oil from the leaves of *Citrus aurantium* L. *Afr. J. Biotechnol.* 2012; 11(2): 498-503.
- 55- Miraghaee SS, **Mostafaie A**, Kahrizi D. Acclimatization related proteins and factors in somaclone lines in Kiwifruit (*Actinidia deliciosa*). *J. Food Agric. Environ.* 2012; 10(1): 198-202.
- 54- Bakhtiari M, Mansouri K, Sadeghi Y, **Mostafaie A**. Proliferation and differentiation potential of cryopreserved human skin derived precursors. *Cell Prolif.* 2012; 45: 148-157.
- 53- Ganjian H, Nikokar I, Tieshayar A, **Mostafaie A**, Amirmozafari N, Kiani S. Effects of salt stress on the antimicrobial drug resistance and protein pattern of *Staphylococcus aureus*. *Jundishapur J. Microbiol.* 2012; 5(1): 328-331.
- 52- Sanadgol N, **Mostafaie A**, Mansouri K, Bahrami G. Effect of palmitic acid and linoleic acid on expression of ICAM-1 and VCAM-1 in human bone marrow endothelial cells (HBMECs). *Arch. Med. Sci.* 2012; 8(2): 192-198.
- 51- Rostami Ahmadvandi H, Kahrizi D, **Mostafaie A**, Sohrabi Babahadi F, Kiani S. Study of *Peganum harmala* genetic diversity based on Sodium Dodecyl Sulfate Polyacrylamid Gel Electrophoresis (SDS PAGE) analysis. *J. Agric. Sci. Technol.* 2011; 1: 1300-1302.

50- Miraghaee SS, **Mostafaie A**, Kiani S, Kahrizi D. Investigation on protein pattern in kiwifruit (*Actinidia deliciosa*). *World Appl. Sci. J.* 2011; 10(15): 1398-1402.

49- **Mostafaie A**, Yari K, Kiani S. A comparative evaluation of rehydration and cup-loading sample application for modified two-dimensional gel electrophoresis of human serum proteins using immobilized pH gradient. *Afr. J. Biotechnol.* 2011; 10(55): 11711-11715.

48- Yari K, **Mostafaie A**. Determination of suitable conditions for great plasmid transformation into *Escherichia coli* using Taguchi statistical method. *Am. J. Sci. Res.* 2011; 17: 151-157.

47- Zebarjadi A, Kakaei M, **Mostafaie A**. Genetic variability of some traits in Rapeseed (*Brassica napus* L.) under drought stress and non-stress conditions. *Biharean Biol.* 2011; 5(2): 127-131.

46- Mohammadi Motlagh HR, **Mostafaie A**, Mansouri K. Anti-cancer and anti-inflammatory activities of shallot (*Allium ascalonicum*) extract. *Arch. Med. Sci.* 2011; 7(1): 38-44.

45- Mansouri K, Khodarahmi R, Foroumadi A, **Mostafaie A**, Mohammadi Motlagh HR. Anti-angiogenic/proliferative behavior of a "4-aryl-4 H-chromene" on blood vessel's endothelial cells: A possible evidence on dual "anti-tumor" activity. *Med. Chem. Res.* 2011; 20: 920-929.

44- **Mostafaie A**, Mansouri K, Norooznezhad AH, Mohammadi-Motlagh HR. Anti-angiogenic activity of *Ficus carica* Latex extract on human umbilical vein endothelial cells. *Cell J.* 2011; 12(4): 525-527.

43- Keshavarz M, Bidmeshkipoor A, **Mostafaie A**, Mansouri K, Mohamadi Motlagh HR. Anti tumor activity of *Salvia officinalis* is due to its anti-angiogenic, anti-migratory and anti-proliferative effects. *Cell J.* 2011; 12(4): 477-482.

42- Kakaei M, Kahrizi D, **Mostafaie A**. Study on powdery mildew disease related proteins expression in winter wheat cultivars via SDS-PAGE. *Biharean Biol.* 2010; 4(2): 169-171.

- 41- Najaphy A, Niari khamssi N, **Mostafaie A**, Mirzaee H. Effect of progressive water deficit stress on proline accumulation and protein profiles of leaves in chickpea. *Afr. J. Biotechnol.* 2010; 9(42): 7033-7036.
- 40- Keshavarz M, **Mostafaie A**, Mansouri K, Bidmeshkipour A, Mohammadi Motlagh HR, Parvaneh S. In vitro and ex vivo anti-angiogenic activity of *Salvia officinalis*. *Phytother. Res.* 2010; 24 (10): 1526-1531.
- 39- Seyfi P, **Mostafaie A**, Mansouri K, Arshadi D, Mohammadi-Motlagh HR, Kiani A. In vitro and in vivo anti-angiogenesis effect of shallot (*Allium ascalonicum*): A heat-stable and flavonoid-rich fraction of shallot extract potently inhibits angiogenesis. *Toxicol. In Vitro* 2010; 24:1655-1661.
- 38- Sanadgol N, **Mostafaie A**, Bahrami G, Mansouri K, Ghanbari F, Bidmeshkipour A. Elaidic acid sustains LPS and TNF- α induced ICAM-1 and VCAM-1 expression on human bone marrow endothelial cells (HBMEC). *Clin. Biochem.* 2010; 43(12): 968-972.
- 37- Khademi F, **Mostafaie A**. Effect of urea on protein separation by ion exchange chromatography. *J. Biochem.* 2010; 147 (5): 735-741.
- 36- Noori S, Taghikhani M, Hassan ZM, Allameha A, **Mostafaie A**. Tehranolide molecule modulates the immune response, reduce regulatory T cell and inhibits tumor growth *in vivo*. *Mol. Immunol.* 2010; 47; 1579-1584.
- 35- Keshavarz M, Norooznezhad AH, Mansouri K, **Mostafaie A**. Cannabinoid (JWH-133) therapy could be effective for treatment of corneal neovascularization. *Iran. J. Med. Hypotheses and Ideas* 2010; 4:3.
- 34- Khodarahmi R, Naderi F, **Mostafaie A**, Mansouri K. Heme, as a chaperone, binds to amyloid fibrils and forms peroxidase in vitro: Possible evidence on critical role of non-specific peroxidase activity in neurodegenerative disease onset/progression using the α -crystallin-based experimental system. *Arch. Biochem. Biophys.* 2010; 494: 205-215.

- 33- Noori S, Taghikhani M, Hassan ZM, Allameh A, **Mostafaie A**. Tehranolide could shift the immune response towards Th1 and modulate the intra-tumor infiltrated T Regulatory cells. *Iran. J. Immunol.* 2009; 6(4): 216-224.
- 32- Yaraee R, Ghazanfari T, Ebtekar M, Ardestani SK, Rezaei A, Kariminia A, Faghihzadeh S, **Mostafaie A**, Vaez-Mahdavi MR, Mahmoudi M, Naghizadeh MM, Soroush MR, Hassan ZM. Alterations in serum levels of inflammatory cytokines (TNF, IL-1alpha, IL-1beta and 2 IL-1Ra) 20 years after sulfur mustard exposure: Sardasht-Iran cohort study. *Int. Immunopharmacol.* 2009; 9(13-14): 1466-1470.
- 31- Yaraee R, Ghazanfari T, Faghihzadeh S, **Mostafaie A**, Soroush MR, Inai K, Foroutan A, Shams J, Naghizadeh MN, Hassan ZM. Alterations in the serum levels of soluble L, P and E-selectin 20 years after sulfur mustard exposure: Sardasht-Iran Cohort Study. *Int. Immunopharmacol.* 2009; 9(13-14): 1477-1481.
- 30- Molla Hassan AT, Hassan ZM, Moazzeni SM, **Mostafaie A**, Shahabi S, Ebtekar M, Hashemi SM. Naloxone can improve the anti-tumor immunity by reducing the CD4⁺CD25⁺Foxp3⁺ regulatory T cells in BALB/c mice. *Int. Immunopharmacol.* 2009; 9(12): 1381-1386.
- 29- Mansouri K, **Mostafaie A**, Mirshahi M, Mohammadi-Motlagh HR, Maleki A, Keshavarz M. Human coagulated plasma as a natural and low cost matrix for in vitro angiogenesis. *Iran. Biomed. J.* 2009; 13(3): 179-183.
- 28- Fathollahi S, Yousefi-Mashouf R, Goodarzi MT, Hajiloeei M, Hemati S, **Mostafaie A**, Sadeghian S. Typing of the uropathogenic E.coli strains using O-serotyping and detection of pap adhesion-encoding operon by polymerase chain reaction. *Iran. J. Clin. Infect. Dis.* 2009; 4(2):77-81.
- 27- Fatemeh Khademi, Koorosh Hamzehee, **Ali Mostafaie**, Reza Hajihossaini. Purification of three major forms of β -hCG from urine and production of polyclonal antibodies against them. *Clin. Biochem.* 2009; 42(13-14): 1476-1482.

- 26- Yadollah Shakiba, **Ali Mostafaie**, Delnia Arshadi, Behnam Sabayan. Application of garlic organosulfur compounds in prevention of cyclosporine A-induced hepatotoxicity. *Iran. J. Med. Hypotheses and Ideas* 2009; 3: 3.
- 25- Ghazanfari T, Faghihzadeh S, Aragizadeh H, Soroush MR, Yaraee R, Hassan ZM, Foroutan A, Vaez-Mahdavi MR, Javadi MA, Moaiedmohseni S, Azizi F, Panahi Y, **Mostafaie A**, Ghasemi H, Shams J, Pourfarzam S, Jalali-Nadoushan MR, Fallahi F, Ebtekar M, Davoudi SM, Ghazanfari Z, Ardestani SK, Shariat-Panahi S, Moin A, Rezaei A, Kariminia A, Ajdary S, Mahmoudi M, Roshan R, Ghaderi S, Babai M, Naghizadeh MM, Ghanei M. Sardasht-Iran Cohort Study of Chemical Warfare Victims: Design and Methods. *Arch. Iran. Med.* 2009; 12 (1): 5 – 14.
- 24- Padidar S, Miroliaei M, **Mostafaie A**, Ghobadi S. Purification of Lipid Transfer Protein 2 (LTP2) from Iranian rice paddy. *J cell Mol. Res.* 2009; 1(2): 72-76.
- 23- Keshavarz M, **Mostafaie A**, Mansouri K, Shakiba Y, Mohammadi Motlagh HR. Inhibition of corneal neovascularization with propolis extract. *Arch. Med. Res.* 2009; 40(1): 59-61.
- 22- Jafarzadeh A, **Mostafaie A**, Sadeghi M, Nemati M, Rezayati MT, Hassanshahi G. Age-Dependent Changes of Salivary IgA and IgE Levels in Healthy Subjects. *Dent. Res. J.* 2008; 5(2): 89-93.
- 21- Riazalhosseini B, Hassan ZM, **Mostafaie A**, Pakravan N, Monsori K, Mahdavi M, Mohagheghi MA, Nahvijoo A. High molecular weight fraction of shark cartilage can inhibit the growth of K562 tumor cell and abolish angiogenesis. *J. Exp. Zool. India* 2008; 11(2): 459-463.
- 20- Amirmozafari N, Ghazi F, Mostafazadeh A, **Mostafaie A**, Rajabnia R. Comparison of Heat Shock Response in *Brucella abortus* and *Brucella melitensis*. *Pak. J. Biol. Sci.* 2008; 11 (2): 188-194.
- 19- **Mostafaie A**, Bidmeshkipour A, Shirvani Z, Mansouri K, Chalabi M. Kiwifruit actinidin: A proper new collagenase for isolation of cells from different tissues. *Appl. Biochem. Biotechnol.* 2008; 144(2): 123-131.

- 18- Sheikhan A, Hassan ZM, **Mostafaie A**. Detection of *Helicobacter Pylori* Diagnostic Antigens in the Stool of Infected Patients. *Iran. J. Med. Sci.* 2007; 32(4): 198-204.
- 17- Rooki H, Khajeh K, **Mostafaie A**, Kashanian S, Ghobadi S. Partially folded conformations of bovine liver glutamate dehydrogenase induced by mild acidic conditions. *J. Biochem.* 2007; 142(2): 193-200.
- 16- Yadollah Shakiba, Kamran Mansouri, **Ali Mostafaie**. Anti-angiogenic effect of soybean Kunitz trypsin inhibitor on human umbilical vein endothelial cells. *Fitoterapia* 2007; 78: 587-589.
- 15- Yadollah Shakiba, **Ali Mostafaie**. Inhibition of corneal neovascularization with a nutrient mixture containing lysine, proline, ascorbic acid and green tea extract. *Arch. Med. Res.* 2007; 38: 789-791.
- 14- Jafarzadeh A, Hassanshahi GH, Kazemi-Arababadi M, **Mostafaie A**, Sadeghi M, Nematollahi MA. The comparison of salivary IgA and IgE levels in children with breast- and formula- feeding during infancy period. *Dent. Res. J.* 2007; 4(1): 11-17.
- 13- Hamzavi Y, **Mostafaie A**, Nomanpour B. Serological prevalence of Toxoplasmosis in meat producing animals. *Iran. J. Parasitol.* 2007; 2(1): 7-11.
- 12- Karimzadeh K, **Mostafaie A**, Esmaili Sari A, Pourkazemi M, Zahmatkesh A. Induction and Purification of Cytochrome P4501A1 from β -naphthoflavon- treated Beluga, *Huso huso*. *J. Appl. Ichthyol.* 2006; 22 (S1): 221-225.
- 11- Ravanshad M, Roustai MH, **Mostafaie A**, Sabahi F, Soleimanjahi H, Ziyaeyan M. A Rapid Modified Antibody-Capture Enzyme-Linked Immunosorbent Assay (ELISA) for Detection HSV-1 Primary Infection in Human. *Shiraz E. Med. J.* 2006; 7(2).
- 10- Nikokar I, Makvandi M, Kajbaf MJ, Farajzadeh A, Mirsaeidi M, Kamali E, **Mostafaie A**, Huygen K. Evaluation of Cellular Immune Response against Purified Antigen 85 in Patients with Tuberculosis. *Iran. J. Immunol.* 2006; 3(2): 70-77.

- 9- Rezaie S, **Mostafaie A**, Masumi MA, Rahi H, Rezaie MJ. The frequency of human leukocyte class II antigens in patients with rheumatic heart disease in an Iranian population. *Iran. Heart J.* 2005; 6(1, 2): 83-88.
- 8- **Mostafaie A**, Abdolalizadeh J, Nomanpour B, Karimi R, Bahrami Y. Immunogens of *Brucella abortus* (S19) identified by two-dimensional gel electrophoresis and immunoblotting. *Iran. J. Med. Sci.* 2005; 30(1): 10-15.
- 7- Majidi J, Baradaran B, Hassan ZM, **Mostafaie A**. Production and characterization of monoclonal antibodies against human IgG in Balb/c mouse. *Human Antibodies* 2005; 14: 1-5.
- 6- Hassan ZM, Feyzi R, Sheikhian A, Bargahi A, **Mostafaie A**, Mansoori K, Ghazanfarie T, Shahabi Sh. Low molecular weight fraction of shark cartilage can modulate immune responses and abolish angiogenesis. *Int. Immunopharmacol.* 2005; 5(6): 964-970.
- 5- Pourpak Z, **Mostafaie A**, Hasan Z.M., Kardar GA, Mahmoudi G. A laboratory method for purification of major cow's milk allergens. *J. Immunoass. Immunoch.* 2004; 25 (4): 385-397
- 4- Ali Sheikhian, Zuhair M. Hassan, **Ali Mostafaie**, Fazel Shokri, Reza Malekzadeh and Farideh Siavoshi. Extraction of the outer membrane proteins of *H. pylori* and evaluation of their presence in stool of the infected individuals. *Iran. Biomed. J.* 2004; 8: 83-88.
- 3- Reza Feyzi, Zuhair M. Hassan, **Ali Mostafaie**. Modulation of CD4 and CD8 tumor infiltrating lymphocytes by a fraction isolated from shark cartilage: shark cartilage modulates anti-tumor immunity. *Int. Immunopharmacol.* 2003; 3: 921-926.
- 2- Roodbari F, Roustai MH, **Mostafaie A**, Soleimanjahi H Sabahi F. Development of enzyme-linked immunosorbent assay for Immunoglobulin M antibodies against measles virus. *Clin. Diagn. Lab. Immunol.* 2003; 10(3): 439-442.
- 1- Mehraein F, Akrami-Abarghoei H, Noori-Dalooi MR, **Mostafaii A**, Sadeghizadeh M. Cloning and expression of an interferon $\alpha 2$ gene in *E coli*. *J. Sci. I. R. Iran.* 1999; 10:85-92.

Persian:

51- Mafakher H, Khoshgard K, Haghparast A, **Mostafaie A**, Eivazi MT, Rezaei M. Investigating the Radiosensitivity Effect of Dextran-coated Iron Oxide Nanoparticles on Cervical Cancerous Cells Irradiated with 6 MV Photon Beams. *J. Mazandaran Univ Med. Sci.* 2016; 26(133): 162-170.

50- Mehrabi M, Hosseinkhani S, Jalili S, **Mostafaie A**. In vitro differentiation of human skin-derived precursors cells into insulin producing cells by glucose and rat pancreatic extract. 2015; 28 (1): 124-135.

49- Shackebaei D, Mosafaie M, Hesari M, **Mostafaie A**, Mahmoodi M, Bagheri A. Investigation of the effect of the aqueous extract of the root of *Prosopis farcta* plant on the function of the isolated hearts of rats under ischemia-reperfusion condition. *Sci. J. Kurdistan Univ.* 2015; 20(1): 60-70.

48- Kakaie M, Zebarjadi AR, **Mostafaie A**, Rezaeizad A. Genetic variation and traits interrelationship in some rapeseed genotypes using multivariate techniques under two moisture conditions. *J. Appl. Crop Breed.* 2014; 2(1): 31-45.

47- Monazzami A, Rajabi H, Omidfar K, **Mostafaie A**. Endurance training increases skeletal muscle Na/H⁺ exchanger 1 (NHE1) and Na/HCO³⁻ co-transporter 1 (NBC1) gene expression in type 2 diabetic rat. *Iran J. Diabetes Metabolism.* 2014; 13(5): 400-412.

46- Fakheri T, Badri H, **Mostafaie A**, Mohammadimotlagh, HR, Rezaei M, Nankali A. Apoptotic and cytotoxicity effects of All Trans Retinoic Acid (ATRA) in cultured human uterine myoma. *Sci. J. Kermanshah Univ. Med. Sci.* 2013; 17(6): 351-356

45- Kargar SMA, **Mostafaie A**, Majidi Hervan S, Pourdad S. Evaluation of correlation and path analysis on traits of soybean genotypes under water deficit stress. *Corp produc. Environ. Stress.* 2012; 4(2): 31-45.

44- Darabi N, Roudbar Mohammadi S, Naderi Manesh H, **Mostafaie A**, Vahidi M. Antifungal effect of Zinc oxide nanoparticles on the standard strains of candida albicans biofilm growth on catheters. *J. Army Univ. Med. Sci.* 2012, 10 (3): 207-212.

- 43- Zhalehjoo N, Chalabi M, Parvaneh S, **Mostafaie A**. Purification and Study of Proteolytic Activity of Ficin Enzyme of Fig (*Ficus Carica*). *Sci J Hamadan Univ Med Sci*. 2013; 20 (2):125-131.
- 42- Yarani R, Mansouri K, Bidmeshkipour A, Mehrabi M, Ebrahimi A, Gholami K, Yari K, **Mostafaie A**. Primary culture of human skin melanocyte and comparison of culture in the presence and absence of phorbol ester. *Tehran Univ. Med. J*. 2013; 71(3):139-148.
- 41- Mansouri K, Seyfi P, **Mostafaie A**, Mohammadi-Motlagh HR. Study of the mechanisms and causes related to angiogenesis. *Sci J Kurdistan Univ Med Sci*. 2012; 17(2): 96-107.
- 40- Kakaie M, Zebarjadi A, **Mostafaie A**, Rezaeizad A. Determination of drought tolerant genotypes in *Brassica napus* L. based on drought tolerance indices. *E J C P*. 2011; 3 (4): 107-124.
- 39- Mansouri K, **Mostafaie A**, Mohammadi-Motlagh HR. Angiogenesis and tumor (review article). *Behbood, Sci. J. Kermanshah Univ. Med. Sci*. 2011; 14(4): 305-315.
- 38- Kakaie M, Zebarjadi A, **Mostafaie A**. Study of protein pattern in *Brassica napus* genotypes under non-stress and drought stress conditions. *Agric. Biotechnol*. 2010; 9(2): 50-57.
- 37- Bakhtiari M, Mansouri K, **Mostafaie A**, Sadeghi Y, Mozafari H, Ghorbani R, Rezaei tavirani M. Isolation of skin-derived precursors from human foreskin and their differentiation into neurons and glial cells. *Tehran Univ. Med. J*. 2010; 68(9):508-515.
- 36- Mohammadi-Motlagh HR, Mansouri K, **Mostafaie A**. Plants as useful agents for angiogenesis and tumor growth prevention (review article). *Physiol. Pharmacol*. 2010; 14(3): 302-317.
- 35- Mansouri K, **Mostafaie A**, Mohammadi-Motlagh HR, Shakiba Y. Corneal neovascularization (review article). *Sci, J. Kurdistan Univ. Med. Sci*. 2010; 15(1): 87-95.
- 34- Hesari M, Mansouri K, **Mostafaie A**, Bidmeshkipour A. An optimized mixture of kiwifruit actinidin and trypsin for isolation and culture of endothelial cells from rat aorta. *Tehran Univ. Med. J*. 2010;68(3):153-161.

- 33- **Mostafaie A**, Mohammadi-Motlagh HR, Mansouri K. Angiogenesis and the models to study angiogenesis (review article). *Yakhteh Med. J.* 2010; 11(4): 374-381.
- 32- Mikaeili A, **Mostafaie A**, Rahimi M, Ghashghaii A. The frequency of *Trichophyton verrucosum* varieties among cows with dermatophytosis in Kermanshah. *Iran. Vet. J.* 2009; 4(5): 64-69.
- 31- Kakaie M, Zabarjadi AR, **Mostafaie A**. Comparison of Genetic and Morpho-physiological Distance via SDS-PAGE Marker in Some Rapeseed Genotypes. *J. Agric. Biotechnol. (Quarterly Scientific Journal)* 2009; 1(2): 79-93
- 30- Mohammadi-Motlagh HR, Mansouri K, Shakiba Y, Keshavarz M, Khodarahmi R, Siami A, **Mostafaie A**. Anti-angiogenic effect of aqueous extract of shallot (*Allium ascalonicum*) bulbs in rat aorta ring model. *Yakhteh Med. J.* 2009; 11(2): 190-195.
- 29- Norooznezhad AH, Shakiba Y, **Mostafaie A**. Bovine Casein hydrolysis using green *Ficus carica* extract. *Sci. J. Kurdistan Univ. Med. Sci.* 2009; 13(4): 61-68.
- 28- **Mostafaie A**, Pourmotabbed A, Khalafi A, Nedaei SE, Sahraei H, Hajihosseini R. The effect of morphine dependence on expression of hippocampal N-methyl-D-aspartate receptor subunits in male rats. *Physiol. Pharmacol.* 2009; 12(4): 342-350.
- 27- Molla Hassan AT, Pakravan N, Hassan ZM, **Mostafai A**, Moazeni SM, Ebtekar M, Shahabi S, Azadmehr A, Aghajanzadeh H. Evaluation of cell proliferation and interleukine-4 and interferon gama level measurement in Balb/c mice with experimental fibrosarcoma tumor by combination of Gp96-tumor peptide and naloxon. *J. Mazandaran Univ. Med. Sci.* 2008; 18(66): 1-9.
- 26- Adham Fomani E, **Mostafaie A**, Rezaie Tavirani M, Navabi J, Parvaneh S. Determination of *Helicobacter pylori* Immunogenes Using Two-Dimensional Gel Electrophoresis and Immunoblotting. *J. Zanzan Univ. Med. Sci.* 2008; 16(62): 45-55.

- 25- Vaysi S, **Mostafaie A**, Hassan ZM. A simple and efficient method for purification of egg white major proteins using ion exchange chromatography. *Sci. J. Hamadan Univ.* 2008; 15(1): 38-43.
- 24- Amir Mozaffari N, Ghazi F, Mostafazadeh A, **Mostafaie A**, Rajabnia R. Characterization of Heat Shock Response in *Brucella melitensis* and Interaction of Heat Shock Protein with Sick and Healthy Sera. *J. Iran Univ. Med. Sci.* 2008; 15(58): 39-48.
- 23- Mansouri K, **Mostafaie A**, Shirvani Z, Bidmeshkipour A. Isolation and primary culture of rat thymic epithelial cells using Kiwifruit actinidin. *Sci. J. Kurdistan Univ. Med. Sci.* 2008; 13(1): 36-43.
- 22- Rajabnia R, Amir Mozaffari N, Ghazi F, Mostafazadeh A, **Mostafaie A**. Characterization of heat shock proteins *Brucella abortus* and interaction of these proteins with patient and control sera. *J. Babol Univ. Med. Sci.* 2008; 9(6): 22-28.
- 21- Hosseinzadeh Colagar A, **Mostafaie A**, Motallebi M, Zamani MR. Bean Polygalacturonase-inhibiting Proteins Inhibits Polygalacturonase from *Fusarium oxysporum* and *Ascochyta rabiei* of Chickpea. *J. Sci. Technol. Agric. Natur. Resour.* 2007; 11(41): 345-355.
- 20- Riaz-Alhosseini B, Hassan ZM, **Mostafaie A**, Mahdavi M, Hashemi M. Surveying the effect of 100 kD protein of shark cartilage on erythroleukemic K562 cell line and normal lymphocytes. *Azad Univ. Med. J.* 2007; 17(2): 75-80.
- 19- Bidmeshkipour A, Shirvani Farsani Z, Mansouri K, **Mostafaie A**. Isolation of human umbilical vein endothelial cells using kiwifruit actinidin. *Yakhteh Med. J.* 2007; 9(2): 151-156.
- 18- Shirvani Farsani Z, Mansouri K, Bidmeshkipour A, **Mostafaie A**. Isolation and primary culture of rat hepatocytes using kiwifruit actinidin. *Sci. J. Hamadan Univ.* 2007; 14(2): 16-22.
- 17- Shakiba Y, **Mostafaie A**, Parvaneh Sh. Purification of Kunitz soybean trypsin inhibitor using affinity chromatography. *Sci. J. Kurdistan Univ. Med. Sci.* 2007; 12: 77-83.

- 16- Korani S, **Mostafaie A**, Hassan ZM. Purification of egg yolk immunoglobulin (IgY) by three methods; Affinity chromatography, Ion exchange chromatography and Poly ethylene glycol precipitation. *Daneshvar Med. J.* 2007; 14(68): 51-58.
- 15- Mansouri K, Shikholeslami A, Bahrami Gh, **Mostafaie A**. Isolation of human umbilical vein endothelial cells and development of an angiogenesis model in fibrin matrix. *J. Zanjan Univ. Med. Sci.* 2006; 14(55): 17-23.
- 14- **Mostafaie A**, Chalabi M. Purifying and analyzing the level of Kiwifruit actinidin in some Iranian cultivars. *J. Sci. Technol. Agric. Natur. Resour.* 2006; 10(3): 223-230.
- 13- Korani S, **Mostafaie A**, Hassan Z, Rostamian A, Khazaie N. Production and Purification of anti-human IgG antibodies from egg yolk by absorption chromatography. *Sci. J. Kurdistan Uni. Med. Sci.* 2005; 10(2): 10-17.
- 12- Rahi H, **Mostafaie A**, Nomanpour B. Purification and characterization of barley Oxalate oxidase. *Behbod Med. J.* 2005; 9(3): 1-10.
- 11- Karimzadeh K, **Mostafaie A**, Esmaeli A, Poorkazemi M, Zahmatkesh A. Induction of Cytochrome P4501A1 by β - naphthaflavone and determination of enzyme properties in *Huso huso*. *Iran Sci. Fish. J.* 2005; 14(2): 215-226.
- 10- Karimi R, **Mostafaie A**, Tabaraie B, Bahrami Y, Abdolalizadeh J. Reaction of native and denatured Brucella abortus (S19) proteins whit antibody using affinity chromatography and immunoblotting. *Sci. J. Hamadan Univ.* 2005; 11(4): 14-22.
- 9- Chalabi M, Bahrami Y, **Mostafaie A**. Study of Kiwifruit Actinidin using SDS-PAGE, Isoelectric focusing and Two-dimensional gel electrophoresis. *Iran. J. Biol.* 2004; 17(30): 219-226.
- 8- Nikokar I, Kajbaf MJ, Makvandi M, Farajzadeh A, Kamali E, **Mostafaie A**, Huygen K. Isolation and Purification of Ag 85 Complex from Mycobacterium Bovis (BCG) and Assessment of its Cell Proliferation Response in Whole Blood. *Yakhteh Med. J.* 2004; 6(23): 144-151

- 7- Kalbasi MR, **Mostafaie A**, Majidi J. Purification and partial characterization of Serum Immunoglobulins from Persian sturgeon (*Acipenser persicus*). *Iran Sci. Fish. J.* 2003; 12: 141-152.
- 6- Abdolalizadeh J, **Mostafaie A**, Kharazi H, Nomanpour B, Nomani H. Identification of *Brucella abortus* (S19) immunogens using two-dimensional gel electrophoresis and western blotting. *Behbod Med. J.* 2003; 7(1): 11-21.
- 5- Karimzadeh K, **Mostafaie A**, Esmaili Sari A, Pourkazemi M, Zahmatkesh A. Effects of 3-Methyl Cholanthren on Liver Microsomal Mixed Function Oxidase Activities of *Acipenser persicus*. *Sci. Res. J. Iran. Marine Sci.* 2003; 2(4): 71-80.
- 4- **Mostafaie A**, Vazirian Sh, Kashani M. Reference range of IgG, IgA, IgM, C3, C4 and CH50 in Kermanshah population. *Behbod Med. J.* 2001; 5(1): 1-8.
- 3- **Mostafaie A**, Hassan ZM, Tabaraie B. Extraction and purification of *Brucella abortus* (S19) major outer membrane proteins. *Behbod Med. J.* 2000; 4(2): 28-34.
- 2- **Mostafaie A**, Rahi H, Naseri M. Purification of peroxidase from *Raphanus sativus* var. *Niggra*. *Behbod Med. J.* 2000; 4(1): 8-16.
- 1- **Mostafaie A**, Hassan ZM, Tabaraie B. Extraction and purification of lipopolysaccharides from *Brucella melitensis*. *Kowsar Med. J.* 2000; 5(1): 8-17.