

Curriculum Vitae

(2023)



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ACADEMIC LINKS

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Scopus H Index: 31



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EDUCATION

Doctor of Philosophy (PhD), Medical Parasitology, Kerman University of Medical Sciences, Kerman, Iran, (2011-2015)

- Thesis title: Effects of *Toxoplasma gondii* Infection on Cognitive Impairments of Alzheimer's Disease in the BALB/c Mice
- Supervisor: Prof. Naser Ziaali
- Top student in PhD national examination board & scientific interview (2011)

Master of Science (MSc), Medical Parasitology, Tehran University of Medical Sciences, Tehran, Iran, (2008-2011)

- Thesis title: Epidemiological aspects of visceral leishmaniasis in Baft district, Kerman province, southeast of Iran
- Supervisor: Prof. Mehdi Mohebali
- The 1st rank in the MSc entrance exam of Medical Parasitology (KMU, 2008)

Bachelor of Science (BSc), Medical Laboratory Sciences, Kerman University of Medical Sciences, Kerman, Iran, (2003-2007).



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PROFESSIONAL EXPERIENCE

2021-present: **Associate Professor**, Dept of Parasitology, School of Medicine, LUMS, Kerman, Iran.

2022-present: **Director**, Razi Herbal Medicines Research Center, LUMS, Khorramabad, Iran.

2018-2020. **Deputy of Research**, School of Allied Medicine, LUMS, Khorramabad, Iran.

2023-present. **Editor-in-Chief**, Tropical Medicine and Infectious Disease (IF: 2.9)

2018-present. **Associate Editor**. BMC Research Notes (IF: 1.8)

2017-present. **Associate Editor**. Anti-Infective Agents (Scopus/Pubmed)

2017-present. **Editorial Board Member**. BMC Infectious Diseases (IF: 3.7)

2017-present. **Editorial Board Member**. BMC Microbiology (IF: 4.2)

2018-present. **Editorial Board Member**. Current Clinical Pharmacology (IF: 3.2)

2022-present. **Editorial Board Member**. Oral Health and Maxillofacial Research (EMBASE)

2022-present. **Editorial Board Member**. Journal of Toxicology (EMBASE)

2023-present. **Organizing Committee Member**. 5th European Conference on Infectious Diseases.

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Reviewer for International Journals (2011-present):

- PLOS Neglected Tropical Diseases
- PLOS ONE
- International Journal of Biological Macromolecules
- Biomedicine and Pharmacotherapy
- Acta Tropica
- Experimental Parasitology
- Iranian Journal of Parasitology
- Iranian Journal of Microbiology
- Iranian Journal of Public Health
- Iranian Journal of Pharmaceutical Research
- Acta Medica Iranica
- Archives of Razi Institute
- Research Journal of Pharmacognosy
- Jundishapur Journal of Microbiology
- Planta Medica
- Pharmaceutics Biology
- Natural Product Research
- Acta Tropica
- African Journal Traditional Complementary Alternative Medicines
- Herbal Medicines Journal
- Journal of Herbal Medicines
- Trop Biomedicine
- Journal of Tropical Forest Science
- Natural Product Communication
- Microbial Pathogenesis
- Journal of Parasitic Disease
- Etc



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RESEARCH INTERESTS

- Parasitic Diseases (e.g., Leishmaniasis, Toxoplasmosis, Hydatidosis)
- Parasites & Host Behavior
- Herbal Medicines
- Traditional Medicine
- Drug Development
- Infectious Diseases

PROFESSIONAL MEMBERSHIPS

- Iranian Society of Parasitology, 2008-present
- BMC of Medical Editors, 2017-present
- Bentham Sciences of Medical Editors, 2017-present
- National Elite Foundation of Iran, 2008-present

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PUBLICATIONS (by newest):

1. **Mahmoudvand H**, Khalaf AK, Rajabi PZ, Karbasian N, Ghasemian Yadegari J. Leishmanicidal and immunomodulatory activities of the formononetin (a natural isoflavone) against *Leishmania tropica*. BMC Research Notes. 2023 Dec;16(1):1-6.
2. Raziani Y, Shakib P, Rashidipour M, Cheraghipour K, Ghasemian Yadegari J, **Mahmoudvand H** *Correspondence. Green Synthesis, Characterization, and Antiparasitic Effects of Gold Nanoparticles against *Echinococcus granulosus* Protoscoleces. Tropical Medicine and Infectious Disease. 2023 Jun 9;8(6):313.
3. Cheraghipour K, Khalaf AK, Moradpour K, Zivdari M, Beiranvand M, Shakib P, **Mahmoudvand H** *Correspondence, Marzban A. Synthesis, characterization, and antiparasitic effects of zinc oxide nanoparticles-eugenol nanosuspension against *Toxoplasma gondii* infection. Heliyon. 2023 Aug 19.
4. Yadegari JG, Khalaf AK, Ezzatkhah F, Shakibaie M, Mohammadi HR, **Mahmoudvand H** *Correspondence. Antileishmanial, cellular mechanisms, and cytotoxic effects of green synthesized zinc nanoparticles alone and in combined with glucantime against *Leishmania major* infection. Biomedicine & Pharmacotherapy. 2023 Aug 1;164:114984.
5. Azadbakht K, Baharvand P, Al-Abodi HR, Yari Y, Hadian B, Fani M, Niazi M, **Mahmoudvand H** *Correspondence. Molecular epidemiology and associated risk factors of oral cavity parasites in hemodialysis patients in western Iran. J Parasit Dis. 2023 Mar;47(1):146-151.
6. Ezzatkhah F, **Mahmoudvand H** *Correspondence, Raziani Y. The role of *Curcuma longa* essential oil in controlling acute toxoplasmosis by improving the immune system and reducing inflammation and oxidative stress. Frontiers in Cellular and Infection Microbiology. 2023 Apr 27;13:1161133.

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7. Haghhigh D, **Mahmoudvand H** *Correspondence, Khudair Khalaf A, Adineh A, Maleki AM, Ghasemian Yadegari J. Antiparasitic Effects and Cellular Mechanisms of Formononetin (a Natural Isoflavone) Against Hydatid Cyst Protoscoleces. *Jundishapur Journal of Natural Pharmaceutical Products*. 2023 Apr 30.
8. Kordestani M, Rashidipour M, Mahmoudvand H, Jalali S, Kooshki F. Antibacterial and cytotoxicity of chitosan nanocomposite loaded with thymol against some cariogenic bacteria. *Journal of Herbmed Pharmacology*. 2023 Mar 18;12(2):223-7.
9. Kharazmkia A, Yadegari JG, Mohammadian M, Ali R, **Mahmoudvand H** *Correspondence. Antiparasitic effect of limonene, a monoterpene compound found in the essential oils against *Giardia lamblia*. *Journal of Herbmed Pharmacology*. 2023 Mar 18;12(2):327-30.
10. Ghasemian Yadegari J, Fazeli Moghadam E, Golmohammadi H, Dastyarhaghghi S, Ghouлами M, **Mahmoudvand H** *Correspondence. Effect of oral administration of *Astragalus ecbatanus* chloroform extract on acute and chronic pain in Balb/C mice. *Research Journal of Pharmacognosy*. 2023 Apr 16.
11. Raziani Y, Cheraghypour K, Shakibaie M, Yadegari JG, **Mahmoudvand H** *Correspondence. High potency of magnetic iron oxide nanoparticles covered by piroctone olamine against cystic echinococcosis. *Biomedicine & Pharmacotherapy*. 2023 May 1;161:114536.
12. Mahmoudvand H, Khalaf AK, Karbasian N, Masoori L, Rajabi PZ, Saki M, Yadegari JG. Promising effects of formononetin, a natural isoflavone derived from herbs, against *Toxoplasma gondii*. *Journal of Herbmed Pharmacology*. 2023 Jun 1;12(3):362-6.
13. Raziani Y, Karami K, Mohammadi HR, **Mahmoudvand H**, Moradi MN, Yadegari JG. *Astragalus adscendens* extract shows antidiabetic effects through controlling oxidative stress, inflammation and apoptosis in streptozotocin-induced diabetic rats. *Asian Pacific Journal of Tropical Biomedicine*. 2023 Jun 1;13(6):242.

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14. Shakibaie M, Khalaf AK, Rashidipour M, **Mahmoudvand H** *Correspondence. Effects of green synthesized zinc nanoparticles alone and along with albendazole against hydatid cyst protoscoleces. *Annals of Medicine and Surgery*. 2022 Jun 1; 78: 103746.
15. Ghasemian Yadegari J, Khudair Khalaf A, Darabi R, **Mahmoudvand H** *Correspondence. Antiparasitic effects and cellular mechanism of *Astragalus maximus* chloroform extract against clinical isolates of *Giardia lamblia*. *Research Journal of Pharmacognosy*. 2022 Jul 1;9(3):5-13.
16. Yadegari JG, Khalaf AK, Saadatmand M, **Mahmoudvand H** *Correspondence. Antiparasitic activity of *Astragalus brachycalyx* subsp. *brachycalyx* extract against hydatid cyst protoscoleces and its effect on induction of apoptosis: an in vitro and ex vivo study. *Journal of Herbmmed Pharmacology*. 2022 Jul;11(3):428-34.
17. Mahmoudvand H, Yadegari JG, Khalaf AK, Hashemi MJ, Dastyarhaghghi S, Salimikia I. Chemical composition, antileishmanial, and cytotoxic effects *Ferula macrecolea* essential oil against *Leishmania tropica*. *Parasite Epidemiology and Control*. 2022 Nov 1;19: e00270.
18. Ghanadi K, Khalaf AK, Jafrasteh A, Anbari K, **Mahmoudvand H** *Correspondence. High prevalence of *Cryptosporidium* infection in Iranian patients suffering from colorectal cancer. *Parasite Epidemiology and Control*. 2022 Nov 1;19: e00271.
19. Azadbakht K, Baharvand P, Artemes P, Niazi M, **Mahmoudvand H** *Correspondence. Prevalence and risk factors of oral cavity parasites in pregnant women in Western Iran. *Parasite Epidemiology and Control*. 2022 Nov 1;19: e00275.
20. Azadbakht K, Baharvand P, Al-Abodi HR, Yari Y, Hadian B, Fani M, Niazi M, **Mahmoudvand H** *Correspondence. Molecular epidemiology and associated risk factors of oral cavity parasites in hemodialysis patients in western Iran. *Journal of Parasitic Diseases*. 2022 Nov 22:1-6.

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21. Kharazmkia A, Al-Abodi HR, Yadegari JG, Vahidi A, **Mahmoudvand H** *Correspondence . Potential effects of alpha-pinene, a monoterpene commonly found in essential oils against *Toxoplasma gondii* infection; an in vitro and in vivo study. *Journal of Parasitic Diseases*. 2022 Dec;46(4):1055-61.
22. Mahmoudvand H, Al-Abodi HR, Zolfagharkhani P, Ghasemian Yadegari J. Anti-helminthic effects and cellular mechanisms of *Astragalus ecbatanus* extract against *Echinococcus granulosus* protoscoleces. *Journal of Parasitic Diseases*. 2022 Dec;46(4):1047-54.
23. Kheirandish F, Fallahi S, Mahmoudvand H, Araban A, Anbari K, Rouzbahani AK, Akbari S. A loop-mediated isothermal amplification (LAMP) assay for detection of *Toxoplasma gondii* infection in women with spontaneous abortion. *Arch Microbiol*. 2021 Mar;203(2):763-769.
24. AlMohammed HI, Khudair Khalaf A, E. Albalawi A, Alanazi AD, Baharvand P, Moghaddam A, **Mahmoudvand H** *Correspondence . Chitosan-based nanomaterials as valuable sources of anti-leishmanial agents: a systematic review. *Nanomaterials*. 2021 Mar 10;11(3):689.
25. Azadpour M, Farajollahi MM, Varzi AM, Hashemzadeh P, Mahmoudvand H, Barati M. Extraction, Chemical Composition, Antioxidant Property, and In-vitro Anticancer Activity of Silymarin from *Silybum marianum* on Kb and A549 Cell Lines. *Current Drug Discovery Technologies*. 2021 Jul 1;18(4):511-7.
26. Mahmoudvand H, Ezatpour B, Masoori L, Marzban A, Moghaddam A, Shahzamani K, Malekara V, Cheraghipour K. Antimicrobial Activities of *Satureja khuzestanica* Jamzad; A Review. *Infectious Disorders-Drug Targets (Formerly Current Drug Targets-Infectious Disorders)*. 2021 Feb 1;21(2):161-7.
27. Shaapan RM, Al-Abodi HR, Alanazi AD, Abdel-Shafy S, Rashidipour M, Shater AF, **Mahmoudvand H** *Correspondence . *Myrtus communis* essential oil; anti-parasitic effects

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- and induction of the innate immune system in mice with *Toxoplasma gondii* infection. *Molecules*. 2021 Feb 4;26(4):819.
28. Alyousif MS, Al-Abodi HR, Almohammed H, Alanazi AD, **Mahmoudvand H** *Correspondence, Shalamzari MH, Salimikia I. Chemical composition, apoptotic activity, and antiparasitic effects of *Ferula macrecolea* essential oil against *Echinococcus granulosus* protoscoleces. *Molecules*. 2021 Feb 8;26(4):888.
29. Mahmoudvand H, Sepahvand A, Badparva E, Khatami M, Niazi M, Moayyedkazemi A. Possible association and risk factors of *Blastocystis* infection and colorectal cancers in Western Iran. *Archives of Clinical Infectious Diseases*. 2021 Feb 28;16(1).
30. Khalaf AK, Swadi BF, **Mahmoudvand H** *Correspondence. Morphological characterization of *Moniliformis moniliformis* isolated from an Iraqi patient. *Journal of Parasitic Diseases*. 2021 Mar;45(1):128-30.
31. Kheirandish F, Fallahi S, Mahmoudvand H, Araban A, Anbari K, Rouzbahani AK, Akbari S. A loop-mediated isothermal amplification (LAMP) assay for detection of *Toxoplasma gondii* infection in women with spontaneous abortion. *Archives of Microbiology*. 2021 Mar;203(2):763-9.
32. Cheraghipour K, Ezatpour B, Masoori L, Marzban A, Sepahvand A, Rouzbahani AK, Moridnia A, Khanizadeh S, **Mahmoudvand H** *Correspondence. Anti-*Candida* activity of curcumin: A systematic review. *Current drug discovery technologies*. 2021 Mar 1;18(3):379-90.
33. AlMohammed HI, Khudair Khalaf A, E. Albalawi A, Alanazi AD, Baharvand P, Moghaddam A, **Mahmoudvand H** *Correspondence. Chitosan-based nanomaterials as valuable sources of anti-leishmanial agents: a systematic review. *Nanomaterials*. 2021 Mar 10;11(3):689.
34. Albalawi AE, Abdel-Shafy S, Khudair Khalaf A, Alanazi AD, Baharvand P, Ebrahimi K, **Mahmoudvand H** *Correspondence. Therapeutic potential of green synthesized copper

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- nanoparticles alone or combined with meglumine antimoniate (glucantime®) in cutaneous leishmaniasis. *Nanomaterials*. 2021 Mar 31;11(4):891.
35. Albalawi AE, Alyousif MS, Dalanazi AB, Shahrokhi G, Sepahvand M, Mahmoudvand H, Nazer MR. New Insights into Pathogenesis and Immunity of Leishmania Parasites with Emphasis on Vaccines. *International Journal of Pharmaceutical Research*. 2021 Apr;13(2).
36. Ezzatkhah F, Khalaf AK, **Mahmoudvand H** *Correspondence. Copper nanoparticles: Biosynthesis, characterization, and protoscolicidal effects alone and combined with albendazole against hydatid cyst protoscoleces. *Biomedicine & Pharmacotherapy*. 2021 Apr 1; 136: 111257.
37. **Mahmoudvand H**, Sepahvand M, Nasiri B, Khatami M, Badparva E. The Prevalence and Associated Risk Factors of Intestinal Protozoan Parasites in Iranian Children with Hypereosinophilia. *Iranian Journal of Public Health*. 2021 May;50(5):1074.
38. Cheraghipour K, Masoori L, Ezzatpour B, Roozbehani M, Sheikhan A, Malekara V, Niazi M, Mardanshah O, Moradpour K, **Mahmoudvand H** *Correspondence. The experimental role of medicinal plants in treatment of *Toxoplasma gondii* infection: a systematic review. *Acta parasitologica*. 2021 Jun; 66: 303-28.
39. Azadpour M, Farajollahi MM, Varzi AM, Hashemzadeh P, **Mahmoudvand H**, Barati M. Extraction, Chemical Composition, Antioxidant Property, and In-vitro Anticancer Activity of Silymarin from *Silybum marianum* on Kb and A549 Cell Lines. *Current Drug Discovery Technologies*. 2021 Jul 1;18(4):511-7.
40. **Mahmoudvand H**, Saki M, Kiani AA, Taban T, Shahmoradi MK. In vitro and ex vivo antiparasitic Effect of *Rheum ribes L.* extract against the hydatid cyst protoscoleces. *Infectious Disorders-Drug Targets (Formerly Current Drug Targets-Infectious Disorders)*. 2021 Sep 1;21(6):47-52.

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41. **Mahmoudvand H**, Khalaf AK, Beyranvand M. In vitro and ex vivo evaluation of Capparis spinosa extract to inactivate protoscoleces during hydatid cyst surgery. *Current Drug Discovery Technologies*. 2021 Sep 1;18(5):1-6.
42. Alnomasy S, Al-Awsi GR, Raziani Y, Albalawi AE, Alanazi AD, Niazi M, **Mahmoudvand H** *Correspondence. Systematic review on medicinal plants used for the treatment of Giardia infection. *Saudi Journal of Biological Sciences*. 2021 Sep 1;28(9):5391-402.
43. Saadatmand M, Al-Awsi GR, Alanazi AD, Sepahvand A, Shakibaie M, Shojaee S, Mohammadi R, **Mahmoudvand H** *Correspondence. Green synthesis of zinc nanoparticles using Lavandula angustifolia Vera. Extract by microwave method and its prophylactic effects on Toxoplasma gondii infection. *Saudi Journal of Biological Sciences*. 2021 Nov 1;28(11):6454-60.
44. Albalawi AE, Alanazi AD, Alyousif MS, Sepahvand A, Ebrahimi K, Niazi M, **Mahmoudvand H** *Correspondence. The high potency of green synthesized copper nanoparticles to prevent the Toxoplasma gondii infection in mice. *Acta parasitologica*. 2021 Dec;66(4):1472-9.
45. Kiani AA, Kazemi AR, **Mahmoudvand H**, Fathi N, Mahaki S, Ezzatkah F. Prevalence and Associated Risk Factors of Soil-Transmitted Helminthic Parasites in Iranian Children with Hypereosinophilia. *Prevalence*. 2020;7(2).
46. **Mahmoudvand H**, Kareshk AT, Moradi MN, Fidalgo LM, Mirbadie SR, Niazi M, Khatami M. Efficacy and safety of Zataria multiflora Boiss essential oil against acute toxoplasmosis in mice. *Iranian Journal of Parasitology*. 2020 Jan;15(1):22.
47. Keyhani A, Ziaali N, Shakibaie M, Kareshk AT, Shojaee S, Asadi-Shekaari M, Sepahvand M, **Mahmoudvand H** *Correspondence. Biogenic selenium nanoparticles target chronic toxoplasmosis with minimal cytotoxicity in a mouse model. *Journal of Medical Microbiology*. 2020 Jan;69(1):104-10.

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48. Tavan A, Mikaeili F, **Mahmoudvand H**, Sadjjadi SM, Bajelan S. Prevalence and genotype distribution of *Enterobius vermicularis* among kindergarteners in Shiraz and Khorramabad cities, Iran. *Asian Pacific Journal of Tropical Medicine*. 2020 Mar 2.
49. **Mahmoudvand H**, Pakravanan M, Kheirandish F, Jahanbakhsh S, Sepahvand M, Niazi M, Rouientan A, Aflatoonian MR. Efficacy and safety *Curcuma zadoaria* L. to inactivate the hydatid cyst protoscoleces. *Current Clinical Pharmacology*. 2020 Apr 1;15(1):64-71.
50. Keyhani A, Shakibaie M, **Mahmoudvand H**, Jahanbakhsh S, Kareshk AT, Shojaee S, Ziaali N. Prophylactic activity of biogenic selenium nanoparticles against chronic *Toxoplasma gondii* infection. *Recent Patents on Anti-Infective Drug Discovery*. 2020 Apr 1;15(1):75-84.
51. **Mahmoudvand H**, Badparva E, Khalaf AK, Niazi M, Khatami M, Nazer MR. Prevalence and associated risk factors of intestinal helminthic infections in children from Lorestan province, Western Iran. *Parasite epidemiology and control*. 2020 May 1;9: e00136.
52. Shakibaie M, Ezzatkhah F, Gabal E, Badparva E, Jahanbakhsh S, **Mahmoudvand H** *Correspondence. Prophylactic effects of biogenic selenium nanoparticles on acute toxoplasmosis: an in vivo study. *Annals of Medicine and Surgery*. 2020 Jun 1; 54: 85-8.
53. Nafari A, Cheraghipour K, Sepahvand M, Shahrokhi G, Gabal E, **Mahmoudvand H** *Correspondence. Nanoparticles: New agents toward treatment of leishmaniasis. *Parasite epidemiology and control*. 2020 Aug 1;10: e00156.
54. **Mahmoudvand H**, Harandi MF, Niazi M, Rouientan A, Mohammadi-Moghadam F, Dezaki ES. The High Potential of Ozone Gas to Inactivate *Echinococcus granulosus* Protoscoleces During Hydatid Cyst Surgery. *Infectious Disorders-Drug Targets (Formerly Current Drug Targets-Infectious Disorders)*. 2020 Oct 1;20(5):708-12.
55. Cheraghipour K, Masoori L, Ezzatkhah F, Salimikia I, Amiri S, Makenali AS, Taherpour F, **Mahmoudvand H** *Correspondence. Effect of chitosan on *Toxoplasma gondii* infection: A systematic review. *Parasite epidemiology and control*. 2020 Nov 1;11: e00189.

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56. Albalawi AE, Alanazi AD, Baharvand P, Sepahvand M, **Mahmoudvand H** *Correspondence . High potency of organic and inorganic nanoparticles to treat cystic echinococcosis: an evidence-based review. *Nanomaterials*. 2020 Dec 17;10(12):2538.
57. **Mahmoudvand H**, Harandi MF, Niazi M, Rouientan A, Mohammadi-Moghadam F, Dezaki ES. The High Potential of Ozone Gas to Inactivate *Echinococcus granulosus* Protoscoleces During Hydatid Cyst Surgery. *Infect Disord Drug Targets*. 2020;20(5):708-712
58. Ezatpour B, Taherian SM, Bajalan S, Kayedi MH, **Mahmoudvand H**, Anbari K. The prevalence of endoparasites in stray cats in western Iran. *Iranian Journal of Public Health*. 2019 Apr;48(4):779.
59. **Mahmoudvand H**, Sepahvand A, Khatami M, Moayyedkazemi A. Prevalence and associated risk factors of *Cystoisospora belli* and *Cyclospora cayentanensis* infection among Iranian patients with colorectal cancer. *Journal of Parasitic Diseases*. 2019 Sep 1; 43: 402-5.
60. **Mahmoudvand H**, Pakravanan M, Aflatoonian MR, Khalaf AK, Niazi M, Mirbadie SR, Tavakoli Kareshk A, Khatami M. Efficacy and safety of *Curcuma longa* essential oil to inactivate hydatid cyst protoscoleces. *BMC complementary and alternative medicine*. 2019 Dec; 19:1-7.
61. Tavakoli Kareshk A, Keyhani A, Asadi A, Zia-Ali N, **Mahmoudvand H**, Mohammadi AR. Seroprevalence of *Toxoplasma gondii* infection among childbearing age women in Kerman city, southeastern Iran. *J Parasit Dis*. 2018 Dec;40(4):1544-1547.
62. **Mahmoudvand H**. Tae N, Kheirandish F, Nadri S, Faraji Goudarzi M, Shahkarami S. Seroprevalence and Risk Factors of Cystic Echinococcosis among Children in Lorestan Province, Western Iran. 2018, Volume 6, Issue 5, Page No: 88-92
63. **Mahmoudvand H**, Sepahvand A, Niazi M, Momeninejad N, Sepahvand SM, Behzadian M. Prevalence and risk factors of oral cavity protozoa (*Entamoeba gingivalis* and

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- Trichomonas tenax) among patients with dental cavity caries. Journal of Research in Medical and Dental Science. 2018 Jan 1;6: 42-6.
64. **Mahmoudvand** H, Tae N, Goodarzi FM. Prevalence and risk factors of intestinal protozoan infections in children (2-15 yr old) from Lorestan Province, western Iran. Tropical Biomedicine. 2018;35(1):259-66.
65. Keyhani A, **Mahmoudvand** H, Shakibaie M, Tavakoli Kareshk A, Nejati J. Histopathological and toxicological study of selenium nanoparticles in BALB/C Mice. Entomol Appl Sci Lett. 2018 Jan 1;5(1):31-5.
66. **Mahmoudvand** H, Nadereh T Ebrahimzadeh F, Mirhosseini M, Faraji M, Seroprevalence and Risk Factors of Toxocara canis Infection in Children (2-15 Years Old) Referred to Health Centers of 2018. 13 (1). pp. 20-24.
67. **Mahmoudvand** H, Badparva E, Baharvand Z, Salehi Lalehmarzi H. Anti-Trichomonas vaginalis activities and apoptotic effects of some Iranian medicinal plants. Trop Biomed. 2018 Jun 1;35(2):347-353.
68. Tavakoli Kareshk A, Tavakoli Oliaaee R, **Mahmoudvand** H, Keyhani A, Mohammadi MA, Bamorovat M, Hajhosseini MA, Zia-Ali N. The First Survey of Isolation and Molecular Typing of Toxoplasma gondii by Bioassay and PCR Method in BALB/c Mice in Camels (Camelus dromedarius) from Eastern Iran. Iran J Parasitol. 2018 Jul-Sep;13(3):382-391.
69. Nadri S, **Mahmoudvand** H, Mahmoudvand H, Rashnoo M, Khaksarian M. Chemical composition, antinociceptive and acute toxicity of Pistacia atlantica fruit extract. Entomol Appl Sci Letters. 2018 Aug 1;5(3):8-12.
70. Nejati J, Keyhani A, Kareshk AT, **Mahmoudvand** H, Saghafipour A, Khoraminasab M, Oliaaee RT, Mousavi SM. Prevalence and risk factors of pediculosis in primary school children in South West of Iran. Iranian journal of public health. 2018 Dec;47(12):1923.
71. Derived N, **Mahmoudvand** H, Sepahvand A, Baharvand P, Kiafar MM, Chiniforush N, Ghasemi S, Frequency and associated risk factors of Entamoeba gingivalis and

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- Trichomonas tenax among patients with periodontitis in Western Iran, J Res Med Dent Sci, 2018, 6 (5):99-103
72. Aflatoonian MR, Saki M, Kheirandish F, **Mahmoudvand H**, Nazer MR. Lethal effects of pistacia atlantica leaves extract against proto-scolecis of hydatid cysts. International Journal of Pharmaceutical Sciences and Research. 2017;8(11):4653-8.
73. **Mahmoudvand H**, Kareshk AT, Keyhani A, Zia-Ali N, Aflatoonian MR. In vivo evaluation of Berberis vulgaris extract on acute toxoplasmosis in mice. Marmara Pharmaceutical Journal. 2017 Jan 1;21(3):558-63.
74. **Mahmoudvand H**, Mirbadie SR, Sadooghian S, Harandi MF, Jahanbakhsh S, Saedi Dezaki E. Chemical composition and scolicidal activity of Zataria multiflora Boiss essential oil. Journal of Essential oil Research. 2017 Jan 2;29(1):42-7.
75. Kheirandish F, **Mahmoudvand H**, Ahmadinejad M, Karimi Rouzbahani A. Genetic characterization of human-derived hydatid cysts of Echinococcus granulosus in Lorestan Province, Western Iran. Tropical Biomedicine. 2017;34(4):863-9.
76. **Mahmoudvand H**, Salehi Lalehmarzi H, Fallahi S, Moslehi Baharanchi M, Bayat P, Jahanbakhsh S. Antileishmanial activity of myrtle methanolic extract against Leishmania major: an in vitro study. Herbal Medicines Journal. 2017;2(3):122-5.
77. Kheirandish F, **Mahmoudvand H**, Khamesipour A, Ebrahimzadeh F, Behrahi F, Rezaei S, Delfan B. The therapeutic effects of olive leaf extract on Leishmania major infection in BALB/c mice. Marmara Pharmaceutical Journal. 2017 Jan 1;21(4):837-42.
78. **Mahmoudvand H**, Beyranvand M, Nayebzadeh H, Fallahi S, Mirbadie SR, Kheirandish F, Kayedi MH. Chemical composition and prophylactic effects of Saturja Khuzestanica essential oil on acute toxoplasmosis in Mice. African Journal of Traditional, Complementary and Alternative Medicines. 2017;14(5):49-55.
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