



CURRICULUM VITAE

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Academic Qualifications

M. Sc.	1990	Plant Pathology (Shiraz University, Shiraz, Iran)
B. Sc.	1987	in Plant Protection (Shiraz University, Shiraz, Iran)
Ph. D.	2006	in Plant pathology (Shiraz University, Shiraz, Iran)

Research interests/ Career:

Cereal Viral disease

- a) Wheat streak mosaic virus
- b) Cereal potyviruses
- c) Maize rough dwarf and related viruses

Plant immunity against viruses

Induce resistance against plant viruses

Language Known: English

Teaching experience / Interests

- 1. Field crop disease**
- 2. Plant Pathology**
- 3. Plant biology**
- 4. Botany**
- 5. Plant systematic**
- 6. Physiological disorders**
- 7. Plant Entomology**
- 8. History of Science**
- 9. Plant virology**
- 10. Plant Disease (Virus) vectors**
- 11. Plant disease management**
- 12. toxicology**
- 13. Medicinal plant diseases**
- 14. Biological control**

Theses:

M. Sc. Thesis. Masumi M. 1990. Properties of Iranian isolate of Bermuda grass etched line virus. Shiraz University, Shiraz. Iran.

Ph. D. Thesis. Masumi M. 2006. Variability and Evolution of wheat streak Mosaic virus. Shiraz University, Shiraz. Iran.

Publications:

National journals

1. Masumi M, and Izadpanah K. 1988. Occurrence of bacterial stalk rot of maize in Fars Province. Iran. J. Plant Path. 24: 71-72 (Farsi) and 29-30 (English).
2. Masumi M, and Izadpanah K. 1991. Purification and physicochemical properties of Bermuda grass etched line virus. (Iranian isolate). Iran. J. Plant Path. 27:134 (Farsi) 96-97 (English).
3. Masumi M, and Izadpanah K. 1991. Development of serological assay system for Bermuda grass etched-line virus (Iranian isolate). Iran. J. Plant Path. 27:132-133 (Farsi) and 97-98 (English).
4. Masumi M, and Izadpanah K. 1991. Transmission and host range of Iranian isolate of Bermuda grass etched-line virus. Iran. J. Plant Path. 27: 133-134 (Farsi) and 98-99 (English).
5. Izadpanah K, Masumi M, and Kamran R. 1993. Alternate hosts of the Iranian maize mosaic rhabdovirus. (Abst.). Iran. J. Plant Path. 29: 178-179 (Farsi) and 89-90 (English).
6. Izadpanah K, Hashemi P, Kamran R, Pakniat M, Sahandpour A, and Masumi M. 1996. Widespread occurrence of rhizomania like disease of sugar beet in Fars. Iran. J. Plant Path. 32: 200-207 (Farsi), 155-157 (English).

7. Masumi M, Kamran R, Shirvani A, and Izadpanah K. 1999. Reaction of wheat genotypes to wheat streak mosaic virus in Iran. *Iran. J. Plant Path.* 35: 9-18 (Farsi) and 4-6 (English).
8. Masumi M, Izadpanah K, Jokar L, and Kheradnam M. 2001. Assessment of losses by wheat streak mosaic virus. *Iran. J. Plant Path.* 37: 69-71 (English) and 221-231 (Farsi).
9. Izadpanah K, Sahandpour A, and Masumi M. 2002. Transmission of Johnson grass chlorotic stripe mosaic virus by embryo injection. *Iran Agricultural Research* 21: 147-156.
10. Masumi M, Koochi-Habibi M, Winter S, and Izadpanah K. 2002. Transmission of Johnson grass chlorotic stripe mosaic virus. *Iran. J. Plant Path.* 38: 146-147 (Farsi) and 61 (English).
11. Masumi M, and Izadpanah K. 2002. Host range and transmission of wheat Eqlid mosaic virus. *Iran. J. Plant Path.* 38: 117-129 (Farsi) and 35-37 (English).
12. Salehi M, Nejat N, Masumi M, Niroomand M, and Izadpanah K. 2006. Greenhouse evaluation of sugar beet germplasm for curly top resistance. *Iran. J. Plant Pathol.* 42: 55-70 (Farsi) and 15-17 (English).
13. Masumi M, Yasaie M, Zare A, Afsharifar AR, and Izadpanah K. 2006. Analysis of 3'-region of the genome of Wheat streak mosaic virus isolates in Iran. *Iran. J. Plant Pathol.* 42 (2): 253-255 (Farsi) 65-81 (English).
14. Sahragard N, Izadpanah K, Masumi M, and Afsharifar AR. 2006. Effect of planting date and seed-treatment on the yield components and control of yellow dwarf disease in winter barley in Shahrekord. *Iran. J. Plant Pathol.* 42 (2): 275-291 (Farsi) and 87-89 (English).
15. Masumi M, Zare A, and Izadpanah K, 2007. Taxonomic position of two Iranian isolates of SUGARCANE MOSAIC VIRUS (SCMV) based on sequence of the 3'-region of the genome. *Iran. J. Plant Pathol.* 43 (1): 1-16 (Farsi) and 1-5 (English).
16. Aleosfoor M, Izadpanah K, Mosaddegh MS, Sadeghi MS, Afsharifar AR, Masumi M, Yasaie M, Jowkar L, and Hayati j. 2006. Efficiency of seven clones of *Rhaphalosiphum padi* in transmission of four barley yellow dwarf virus-PAV isolates in Iran. *Iran. J. Plant Pathol.* 43: (1): 184-200 (Farsi) and 62-66 (English).
17. Hosseini Nezhad, S.M., Assad, M. T. and Masumi, M. 2008. Evaluation of some biochemical factors in resistance to wheat streak mosaic virus and the effect of two different inoculation times on grain and its components. *Scientific Journal of Agriculture* 31:39-54. (English abstract 31:4).
18. Shoeibi S, Masumi M, Nasrollanezhad S, Heydari S, Izadpanah K, and Ahmadikhah A. 2009. Sequencing of six Iranian isolates of watermelon mosaic Virus and phylogenetic comparison of Iranian isolates with other isolates of the worlds. *Iran. J. Plant Pathol.* 45 (2): 143-154 (Farsi) and 34-37 (English).
19. Sahragard N, Izadpanah K, Babaee Gh, and Eshaghe R, Afsharifar AR, and Masoumi M. 2010. Integrated management of viral diseases of winter wheat in CHAHAR MAHAL va BAKHTIARI province. *Iran. J. Plant Pathol.* 46 (2): 135-152 (Farsi) and 43-45 (English).

20. Masumi M, Zare A, and Izadpanah K. 2011. Biological, serological and molecular Comparisons of potyviruses infecting poaceous plants in Iran. *Iran. J. Plant Pathol.* 47 (1): 47-66 (Farsi) and 11-14 (English).
21. Dastoori, M. Rahimian, H. Zand, E., Alizadeh, H. and Masumi M. 2010. Relative fitness and molecular basis of (*Lolium rigidum* Guad.) accessions resistant and susceptible to aryloxyphenoxypropionat herbicides in the wheat fields. *Iranian Journal of Agronomy Science.* 41: 677-684.
22. Azarfar, A., Izadpanah, K., Afsharifar A. and Masumi M. 2012. Purification and the complete genome sequence of zucchini yellow mosaic virus-Fars isolate. *Iran. J. Plant Pathol.* (Accepted).
23. Zakeri, A., Masumi, M., Nasrrolah Nejad, S., Ghahramani T. and Izadpanah. K. 2012. Cross protection between maize dwarf mosaic virus and bermuda grass southern mosaic virus. *Iran. J. Plant Pathol.* (Accepted).
24. Farahbakhsh, F., Masumi, M., Afsharifar, A., Izadpanah K. and Rahpeyma Sarvestani, N. 2012. Phylogenetic analysis of Bermuda grass southern mosaic virus isolates in Iran. *Iran. J. Plant Pathol.* (in Press).
25. Sahhafi, S. R. Bagheri, F., Assad, M. T., Masumi, M. and Talebi, M. 2012. Evaluation of some Biochemical Responses in Resistance of Fifteen Bread Wheat (*Triticum aestivum* L.) Genotypes to Wheat streak mosaic virus. *Journal of Agricultural Science.* (Accepted, in press).
26. Farveh Sadat, Mostafavi Neishaburi, F. S., Masumi, M. and Nasrolahnejad, S. 2013. Taxonomical relationship of maize dwarf mosaic virus, isolate of Golestan province, with cereal potyviruses based on 3' region of the genome. *Modern Genetics Journal.* (in Press).
27. Zinati, Z., Assad, M.T., Masumi, M., Alemzadeh, A. and Razi, H., and Izadpanah, K. 2012. The effect of high temperature treatment on wheat streak mosaic virus resistance and certain resistance-related chemicals in bread wheat. *Iranian Journal of Virology.* 6: 27-35.
28. Saeednia, F., Assad, M.T., Razi, H., Masumi, M. and Ebrahimie, E. 2012. Study on the inheritance of wheat streak mosaic virus resistance using diallel cross method. *J. of Plant Production,* 19:73-88 (Farsi with English Abstract)
29. Mostafavi Neishaburi, F. S., Masumi, M., Nasrollanejad, S., Rahpeyma-Sarvestani, N. and Izadpanah, K. 2015. ANALYSES OF COMPLETE NUCLEOTIDE SEQUENCE OF IRANIAN ISOLATE OF MAIZE DWARF MOSAIC VIRUS (MDMV) AND NOTES ON THE ORIGIN AND EVOLUTION OF MDMV. *Iranian J. Plant Pathology.* 51: 69-81.
30. Ghorbani, A., Izadpanah, K. Masumi, M. Afsharifar, A. R. and Darabi, S. 2015. Analysis of p25 in Three Iranian Isolates of *Beet necrotic yellow vein virus* and the Role of Susceptible and Resistant Cultivars of Sugar Beet in the p25 Variation. *Iranian J. Plant Pathology.* 51: 287-296.
31. M. Kargar, M., Zakiaghl, M., Masoumi, M., Mehrvar, M., and Izadpanah, K. 2016. Analysis of genetic diversity of Grapevine fanleaf virus isolate from Fars and Kohgiluyeh-Boyer Ahmad provinces. *Iranian J. Plant Pathology:* 52:375-391.
32. E. Salehi, E., Salehi, M. and Masoumi, M. 2016. Biological and molecular characterization of the phytoplasma associated with tomato big bud disease in Zanjan province, Iran. *Iranian J. Plant Pathology:* 52; 415-427.

33. Biniiaz, Y., Izadpanah, K., Masumi, M., Hamzeh-Zarghani, H., Rahpeyma-Sarvestani, N. and Ebrahimi, E. 2016. Effect of temperature on disease severity of Maize dwarf mosaic and Bermuda grass southern mosaic viruses. *Iranian J. Plant Pathology*: 52:429-440.

International journals

- 1 Masumi M, and Izadpanah K. 1996. Properties of the Iranian isolate of Bermudagrass etched-line virus. *J. Phytopathology* 144: 231-234.
- 2 Izadpanah K, Zhang Y-P, Daubert SD, Masumi M, and Rowhani A. 2002. Sequence of the coat protein gene of Bermuda grass etched-line virus and of the adjacent “marafibox” motif. *Virus Genes* 24: 131-134.
- 3 Zare A, Masumi M, and Izadpanah K. 2005. Bermuda grass southern mosaic virus: a distinct Potyvirus infecting several gramineous species in Iran. *Parasitica* 61: 105-110.
- 4 Masumi M, Rastegar M, Zare A, Lesemann DE, Ebrahim-Nesbat F, and Izadpanah K. 2005. Wheat Eqlid mosaic virus: a novel Potyviridae in Iran. *Parasitica* 61: 101-104.
- 5 Masumi M, Yassaie M, Zare A, and Izadpanah K. 2005. Fertile Crescent is the epicenter of Wheat streak mosaic virus. *Parasitica* 61: 73-77.
- 6 Izadpanah K, Masumi M, Ghasemi S, Zare A, and Afsharifar AR. 2005. Serological and molecular distinctness of Iranian Johnson grass mosaic virus. *Parasitica* 61: 111-116.
- 7 Sadeghi MS, Behjatnia SAA, Masumi M, and Izadpanah K. 2008. Characterization of a strain of potato virus Y causing eggplant mosaic in southern Iran. *Australasian Plant Pathology* 37: 79-86.
- 8 Rastegar M, Izadpanah K, Masumi M, Siampour M, Zare A, and Afsharifar AR. 2008. Analyses of the complete sequence of the genome of wheat Eqlid mosaic virus, a novel species in the genus Tritimovirus. *Virus Genes* 37: 212-217.
- 9 Sahhafi SR, Assad MT, Masumi M, Razi H and Alemzadeh A. 2012. Influence of WSMV Infection on Biochemical Changes in TwoBread Wheat Cultivars and in Their F2 Populations. *J. Agr. Sci. Tech.* 14: 399-405.
- 10 IZADPANAHA, K., ZHANG, Y-P., M. MASUMI, and A. ROWHANI. 2000. Cloning and sequencing of the Iranian isolate of Bermuda grass etched-line virus. *Phytopathology* 90: S38.
- 11 ZARE, A., M. MASUMI, and K. IZADPANAHA. 2005. Bermuda grass southern mosaic virus: A distinct potyvirus infecting several gramineous species in Iran. Xth Conference on Viral Diseases of Gramineae in Europe. September 12-14, 2005. Louvain-la-Neuve, Belgium. P: 47.
- 12 MASUMI, M., M. RASTEGAR, A. ZARE, D. E. LESEMANNA, F. EBRAHIM-NESBAT. and K. IZADPANAHA. 2005. Wheat Eqlid mosaic virus, a novel virus in potyviridae in Iran. Xth Conference on Viral Diseases of Gramineae in Europe. September 12-14, 2005. Louvain-la-Neuve, Belgium. P: 45.
- 13 MASUMI, M., M. YASSAIE, A. ZARE, and K. IZADPANAHA. 2005. Fertile Crescent is the Epicenter of wheat streak mosaic virus. Xth Conference on Viral Diseases of Gramineae in Europe. September 12-14, 2005. Louvain-la-Neuve, Belgium. P: 50.

- 14 IZADPANA, K., M. MASUMI, S. GHASEMI, and A. ZARE. 2005. Serological and molecular distinctness of Iranian Johnson grass mosaic virus. Xth Conference on Viral Diseases of Gramineae in Europe. September 12-14, 2005. Louvain-la-Neuve, Belgium. P: 36.
- 15 RASTEGAR, M., K. IZADPANA, M. MASUMI, M. SIAMPOUR, A. ZARE, and R. AFSHARIFAR. 2008. Molecular characterization of wheat Eqlid mosaic virus. *Phytopathology* 98: S130.
- 16 ALEOSFOOR, M., K. IZADPANA, M. S. SADEGHI, M. Mardi, M. Masumi, M. S. Mossadegh, and M. A. Omidbakhsh Fard. 2009. Genetic diversity of *Rhopalosiphum padi* L. (Hom.: Aphididae) using microsatellite markers. 8th International Symposium on Aphids.. Catania, Italy, June 8-12, 2009. p: 52.
- 17 Moini A, Roumi V, Masumi M, Izadpanah K. 2009. Widespread occurrence of Tomato ring spot virus in deciduous fruit trees in Iran. 21th International Conference on Virus and other Graft Transmissible Disease of Fruit Crops. July 5-10, 2009. Neustadt, Germany. P: 37-38.
- 18 Sahhafi, S. R. Bagheri, F., Assad, M. T., Masumi, M. and Talebi, M. 2012. Evaluation of some Biochemical Responses in Resistance of Fifteen Bread Wheat (*Triticum aestivum* L.) Genotypes to *Wheat streak mosaic virus*. *Journal of Agricultural Science*. 4: 75-82.
- 19 Bamani Fath Abadi, A., Masumi, M., Zand, E. and Gahramani, T. 2011. Herbicide resistance in annual ryegrass (*Lolium rigidum* Gaud) populations in wheat fields of Firoozabad. 23rd Asian-Pacific Weed Science Society Conference the Sebel Cairns, 26-29 September 2011. Pp:28-33.
- 20 Aleosfoor, M., Izadpanah, K., Mossadegh, M. S., Masoumi, M., Sadeghi, M. S., Mardi, M., Afsharifar, A. R. & Hayati, J. 2012. Genetic diversity of *Rhopalosiphum padi* L. (Hom.: Aphididae) using microsatellite markers. *Mun.Ent.Zool.*7:1073-1078.
- 21 Estakhr, A., Heidari, B. Dadkhodaie, A. Mahmood Masoumi, M. Pakniyat, H. and Ahmadi, Z. 2016. Investigation for Maize Inbred Lines Resistance to *maize rough dwarf virus* (MRDV). *J. Crop Sci. Biotech.* 2016: 45 – 52.
- 22 Bahmani Fath Abadi, A., Naderi, A., Zand, E., Masumi, M. and Lack, S. 2015. Evaluation of Selection Intensity of Acetolactate Synthase-Inhibitor Herbicide Resistance Endowing Asp-376-Glu Mutation in *Sinapis arvensis* Biotype. *Biological Forum* 7:901-905.

Scientific reports

- 1 Masumi M, Determination of properties of wheat Eqlid mosaic Virus in Eqlid region. Fars Agricultural Research Center. 79-866.
- 2 Masumi M, and Kamran R. 2001. Reaction of wheat genotypes to wheat streak mosaic virus in Iran. Fars Agricultural Research Center. 80-198.
- 3 Masumi M, 2001. Identification of filamentous viruses of Bermudagrass and their relationship in Iran. Fars Agricultural Research Center. 80-244.
- 4 Masumi M, 2001. Investigation on transmission and host range of Johnson grass chlorotic stripe mosaic virus. Fars Agricultural and Natural Research Center. Agricultural Research and Education Organization No. 81-73.

- 5 Masumi M. and Kamran R. 2002. Characterization of a new rhabdovirus causing maize mosaic in Fars province. Fars Agricultural Research Center. 81-492.
- 6 Izadpanah, K. and Masumi M,2004. Cloning and determination of sequence of 5' region of coat proteins of sugar cane mosaic virus, strains MS and SC-21 and its comparison with other cereal potyviruses. Plant Virology Research Center. Shiraz University. Project No. 80-AG- 1433-C161.
- 7 Masumi, M. 2004. Epidemiology and control of Wheat streak mosaic disease. Fars Province Governate Project No. .82 - LB - AG - 159 – 0
- 8 Masumi M, and Yassaie M. 2005. Biological and molecular comparison of Wheat streak mosaic virus strains in Iran. Fars Agricultural and Natural Research Center. Agricultural Research and Education Organization No. 84-784.
- 9 Masumi M, and Yassaie M. 2005. Resistance evaluation of Iranian ancestors and local wheat cultivars to Wheat streak mosaic virus. Fars Agricultural and Natural Research Center. 84-963.
- 10 Masumi M, and Yassaie M. 2005. Investigation of resistance of eleven wheat genotypes to Wheat streak mosaic virus under the field condition. Fars Agricultural and Natural Research Center. 84-964.
- 11 Masumi M, and Yassaie M. 2005. Epidemiology and control of Wheat streak mosaic virus strains in Fars. Plant Virology Research Center. 82-LB-AG-159-O.
- 12 Masumi M, and Yassaie M. 2007. Loss assessment of wheat streak mosaic virus in Fars province. Fars Agricultural and Natural Research Center. 86-1171.
- 13 Yassaie M. and Masumi M. 2009. Resistance evaluation of Iranian wheat lines to Wheat streak mosaic virus (WSMV) under green house condition. Fars Agricultural and Natural Research Center. 88.866.
- 14 Masumi M, 2010. Study on Variation and Evolution of *Wheat streak mosaic virus* In Fertile Crescent. Fars Agricultural and Natural Research Center. 89-333.
- 15 Masumi M, and Estakhr A. 2015. Evaluation of maize genotypes reaction to Maize rough dwarf and Iranian maize mosaic viruses. Fars Agricultural and Natural Research Center. No. 47556.
- 16 Masumi M, 2019. Determination of complete genome sequence of Iranian Johnsongrass mosaic virus. Fars Agricultural and Natural Research Center. No. **56602**.
- 17 Masumi M, 2019. Determination of complete genome sequence of Maize rough dwarf virus. Fars Agricultural and Natural Research Center. No.58412.
- 18 Masumi M, 2019. Effect of some chemical and biological agents on control of wheat streak mosaic virus. No. 57003.
- 19 Masumi M, and Alizadeh, B. 1402. Effect of extracts and essential oil of some plants on Tomato Yellow Leaf Curl Virus, zucchini yellow mosaic virus and tomato big bud. Code No. "0-50-16-049-990336.
- 20 Masumi M, 1403. **Investigation on durability of resistance in tomato, squash and cucumber plants induced with plant antiviral proteins. Code No. "2-50-16-019-010083"**

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Books

- 1 Wiese WV. 1987. Compendium of Wheat Diseases. APS press. (Translated to Farsi by SHAHCHERAGHI, M. and M. MASUMI. University Publication Center, Tehran, Iran. 388p.).
- 2 Masumi M, and Izadpanah K. 2002. WHEAT STREAK MOSAIC. Bul. No. 1. Cereal Virus Research Center. Shiraz Iran. 56p. (Farsi).
- 3 Darabi S, Masumi M, and Izadpanah K. 2003. Sugarbeet Rhizomania. Bul. 2. Plant Virus Research Center. Shiraz. Iran. 50p.
- 4 Izadpanah K, Afsharifar AR, and Masumi M. 2003. Viral Disease of Wheat. Bul. 3. Plant Virus Research Center.
- 5 Izadpanah K, Masumi M, and Rowhani A. 2004. Bermuda grass etched-line virus. Pp: 733-734. in: H. Lapiere and P. Signoret (eds.). Viruses and Virus Diseases of Poaceae (Gramineae). INRA Edition.
- 6 Kazemi, H., Masumi, M., Momeni, H. 2022. Plant Protection of Wheat Disease. Iranian Research Institute of Plant Protection (In Press).
- 7 Masumi, M. 2022. **A Century OLD, Resistance To Wheat Streak Mosaic Virus.** Iranian Research Institute of Plant Protection (In Press).

Abstracts / Papers read at conferences / Seminars / Congresses

National

- 1 Masumi M, and Izadpanah K. 1995. A report of five cereal viruses in Zanjan province. Proc. 12th Iran. Plant Protec. Cong., Karaj. P: 54.
- 2 Masumi M, and Izadpanah K. 1995. Natural infection of Johnsongrass and certain other gramineous species with a type of sugarcane mosaic virus (SCMV). Proc. 12th Iran. Plant Protec. Cong., Karaj. P: 73.
- 3 Masumi M, Izadpanah K. 1995. The status of wheat streak mosaic virus in Iran. Proc. 12th Iran. Plant Protec. Cong., Karaj. P: 55.
- 4 Masumi M, and Izadpanah K. 1998. Bermudagrass mosaic in Iran. Proc. 13th Iran. Plant Protec. Cong. Vol. II. P: 314.
- 5 Masumi M, and Izadpanah K. 2000. Transmission, purification and serology of Bermudagrass mosaic virus. Proc. 14th Iran. Plant. Protec. Cong., Isfahan Univ. Technol. Vol. II. P: 183.
- 6 Masumi M, Izadpanah K, and Lesemann D-E. 2000. Purification and serology of Wheat Eghlid Mosaic Virus. Proc. 14th Iran. Plant. Protec. Cong. Isfahan Univ. Technol. Vol. II. P: 20.
- 7 Masumi M, Izadpanah K, and Ebrahim-Nesbat F. 2000. Host range and electron microscopy of wheat Eghlid mosaic virus. Proc. 14th Iran. Plant. Protec. Cong., Isfahan Univ. Technol. Vol. II. P. 231.

- 8 Masumi M, and Izadpanah K, 2001. Geographical distribution, serological and physiological properties of Iranian Johnson grass mosaic virus. Proceeding of 1st Iranian Congress on Virology. Pp: 325-326.
- 9 Masumi M, Izadpanah K, and Behjatnia SAA. 2001. Taxonomical position of Iranian Johnson grass mosaic virus. Proceeding of 1st Iranian Congress on Virology. Pp: 136-137.
- 10 Masumi M, and Izadpanah K. 2002. Serological characteristics of poty-viruses infecting Bermuda grass in Iran. Proc. 15th Iran. Plant Protec. Cong., p: 316-317 (Farsi) and 192 (English).
- 11 Masumi M, and Izadpanah K. 2002. Host range differentiation of the virus isolates causing mosaic in Bermuda grass in Iran. Proc. 15th Iran. Plant Protec. Cong., p: 317-318 (Farsi) 192-193 (English).
- 12 Masumi M, and Izadpanah K. 2002. Nucleotide sequence of a part of CP region of "Jiroft" Bermuda grass virus. Proc. 15th Iran. Plant Protec. Cong., p: 50-51 (Farsi) and 31-32 (English).
- 13 Masumi M, and Izadpanah K. 2002. Transmission of wheat Eqlid mosaic virus. Proc. 15th Iran. Plant Protec. Cong. P: 48-49 (Farsi) and 30-31 (English).
- 14 Izadpanah K., Rowhani A, Zhang Y-P, and Masumi M. 2002. Sequence of 3'-half of Bermuda grass etched-line virus and report of "marafibox" as a taxonomic criterion for marafiviruses. Proc. 15th Iran. Plant Protec. Cong., p: 311-312 (Farsi) and 189 (English).
- 15 Yassaie M, Masumi M, Amin H, and Izadpanah K. 2002. Evaluation of Wheat streak mosaic virus response in commercial and native wheat and wheat ancestors. Proc. 15th Iran. Plant Protec. Cong. P: 52 (Farsi) and 32 (English).
- 16 Sahragard N, Masumi M, Babaei Gh, and Izadpanah K. 2002. The status of barley yellow dwarf virus in Chahar Mahal Va Bakhtiari province. Proc. 15th Iran. Plant Protec. Cong., p: 49-50 (Farsi) and 31 (English).
- 17 Masumi M, Yassaie M, Zare A, and Izadpanah K. 2003. Phylogenetic study of some isolates of Wheat streak mosaic virus in Iran. Proc. 3rd Nat. Cong. Biotechnol. Mashad Univ. Mashad. Vol. 2: 467-469 (in Farsi).
- 18 Ghasemi S, Masumi M, and Izadpanah K. 2003. Comparison of sequence of 3' region in the genomes of sugarcane and Johnson grass mosaic potyvirus in Iran. Proc. 3rd Nat. Cong. Biotechnol. Mashad. Univ. Mashad. Vol. 2: 129-131 (in Farsi).
- 19 Zare A, Masumi M, Izadpanah K, and Hayati J. 2004. Phylogenetic relationship of potyviruses causing maize mosaic in Khuzistan based on nucleotide sequence of a part of coat protein gene. Proc. 2st Iranian Cong. Virol. Tehran. P: 367 (Farsi) and 368 (English).
- 20 Masumi M, Zare A, and Izadpanah K. 2004. Analysis of 5' Region of coat protein Gene confirms presence of maize dwarf mosaic virus (MDMV) in widely separated locations in Iran. Proc. 2st Iranian Cong. Virol. Tehran. P: 369 (Farsi) and 370 (English).
- 21 Sahragard N, Rastgou M, Sadeghi MS, Babae Gh, Masumi M, Moeeni AA, and Izadpanah K. 2004. Effect of sowing date on frequency of barley yellow dwarf virus serotypes and disease control in wheat and barley in Shahrekord. Proc. 16th Iran. Plant Protec. Cong., Tabriz. P: 57.

- 22 Sahragard N, Masumi M. 2004. Yield loss assessment of barley yellow dwarf virus on wheat in Shahrekord town. Proceeding of the 16th Iranian Plant Protection Congress, Vol. 2. Plant Diseases and Weeds. 28 Aug-1 Sep. 2004. University of Tabriz. Tabriz. Iran. P: 59.
- 23 Rastgou M, Khatabi B, Yasaei M, Afsharifar AR, Masumi M, and Izadpanah K. 2004. Distribution and new hosts of viruses causing yellow dwarf in cereals. Proc. 16th Iran. Plant Protec. Cong., Tabriz. P: 61.
- 24 Rastgou M, Khatabi B, Afsharifar AR, Masumi M, and Izadpanah K. 2004. Nucleotide sequence of a part of Barley yellow dwarf virus-PAV genome. Proc. 16th Iran. Plant Protec. Cong., Tabriz. P: 62.
- 25 Rastgou M, Khatabi B, Afsharifar AR, Masumi M, and Izadpanah K. 2004. Diagnosis of yellow dwarf disease in cereals by tissue-print immunoassay in comparison to other serological methods. Proc. 16th Iran. Plant Protec. Cong., Tabriz. P: 63.
- 26 Khatabi B, Rastgou M, Masumi M, Afsharifar AR, and Izadpanah K. 2004. Rapid molecular detection methods for viruses of Barley yellow dwarf. Proc. 16th Iran. Plant Protec. Cong. Tabriz. P: 65.
- 27 Afsharifar AR, Masumi M, Sadeghi MS, Yassaie M, Esmaeelzadeh-Hoseini SA, and Izadpanah K. 2004. The status of barley yellow dwarf and cereal yellow dwarf viruses in Iran. Proc. 16th Iran. Plant Protec. Cong., Tabriz. P: 76.
- 28 Khatabi B, Rastgou M, Masumi M, Afsharifar AR, and Izadpanah K. 2004. Nucleotide sequence of a part of the Cereal yellow dwarf virus-RPV genome. Proc. 16th Iran. Plant Protec. Cong., Tabriz. P: 79.
- 29 Khatabi B, Rastgou M, Masumi M, Afsharifar AR, and Izadpanah K. 2004. Efficiency of cereal aphids in BYDV- MAV and CYDV-RPV transmission. Proc. 16th Iran. Plant Protec. Cong., Tabriz. P: 80.
- 30 Yassaie M, Afsharifar AR, Masumi M, Heydarnejad J, Sadeghi MS, and Izadpanah K. 2004. Occurrence of viral diseases in rice fields in Fars province. Proc. 16th Iran. Plant Protec. Cong., Tabriz. P: 91.
- 31 Masumi M, Zare A, and Izadpanah K. 2004. Differentiation of geographical isolates of Iranian Johnson grass mosaic virus from Zea mosaic virus based on nucleotide sequence of the 5' region of the Coat protein gene. Proc. 16th Iran. Plant Protec. Cong., Tabriz. P: 108.
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- 26 Masumi,M., Farahbakhsh,F., Afsharifar,A. and Izadpanah,K.. 2012. Bermudagrass southern mosaic virus, Borazjan isolate, partial CDS. GenBank Accession. KC107760
- 27 Masumi,M., Farahbakhsh,F., Afsharifar,A. and Izadpanah,K.2012. Bermudagrass southern mosaic virus, Bushehr isolate, partial CDS. GenBank Accession. KC107761
- 28 Masumi,M., Farahbakhsh,F., Afsharifar,A. and Izadpanah,K.2012. Bermudagrass southern mosaic virus, Jiroft isolate, partial CDS. GenBank Accession. KC113504
- 29 Masumi,M., Farahbakhsh,F., Afsharifar,A. and Izadpanah,K.2012. Bermudagrass southern mosaic virus, Ramhormoz isolate, partial CDS. GenBank Accession. KC113505
- 30 Masumi,M., Farahbakhsh,F., Afsharifar,A. and Izadpanah,K.2012. Bermudagrass southern mosaic virus, Shushtar isolate, partial CDS. GenBank Accession. KC113506
- 31 Masumi,M., Farahbakhsh,F., Afsharifar,A. and Izadpanah,K.2012. Bermudagrass southern mosaic virus, Darab isolate, partial CDS. GenBank Accession. KC113507
- 32 Azarfar,A., Izadpanah,K., Masoumi,M. and Afsharifar,A.2011. Zucchini yellow mosaic virus- Fars isolate, complete genome. GenBank Accession. JN183062.
- 33 Masumi M., Mostafavi Neishaburi F. S. and Nasrolahnejad S. 2012. Maize dwarf mosaic virus isolate Iran. GenBank Accession JQ280313.
- 34 Masumi,M., Heidari,S., Gahramani,T., Izadpanah,K., Maghooli,M. and Ghotbi,H. 2012. Iranian Johnson grass mosaic virus. GenBank Accession No JQ692088.
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Description of Iranian isolates of wheat streak mosaic virus submitted in GenBank

	Acronym	Origin	Province	Host	Collection date	Primer Name	length	Sequence region corresponding to complete sequence	GenBank accession numbers
1	Khoy	Khoy	West- Azarbajejan	Wheat	Ordibehesht 82	WS12	251	9134-9384	MN894832
2	Ghorveh	Ghorveh	Kordistan	Wheat	Ordibehesht 82	WS12	251	9134-9384	MN894831
3	Nagh 4	Naghadeh	West- Azarbajejan	Wheat	Ordibehesht 82	WS12	251	9134-9384	MN894834
4	Zan 3	Zanjan	Zanjan	Wheat	Khordad 80	WS12	251	9134-9384	MN894833
5	Shiraz	Shiraz	Fars	Wheat	Ordibehesht 81	WS12	251	9134-9384	MN894836
6	Sed 6	Sedeh	Fars	Echinocloa	Mehr 81	WS12	251	9134-9384	MN894837
7	Marv 6	Marvdasht	Fars	Wheat	Ordibehesht 82	WS12	251	9134-9384	MN894827
8	Ton 6	Tondaran	Isfahan	Wheat	Ordibehesht 82	WS12	251	9134-9384	MN894829
9	Sep 7	Sepidan	Fars	Wheat	khordad 82	WS12	251	9134-9384	MN894835
10	Ney6f	Neyshaboor	Korasan	Wheat	Ordibehesht 81	WS12	251	9134-9384	MN894828
11	Vey13f	Veynesar	Kordestan	Wheat	Ordibehesht 82	WS12	251	9134-9384	MN894830
12	Azsh 14	Azar shahr	West- Azarbajejan	Wheat	Ordibehesht 82	WS13-2	1196	8189-9384	MN901879

13	Azgh 13-2	Azar shahr	West- Azarbajejan	Wheat	Ordibehesht 85	WS13-2	1196	8189-9384	MN901880
14	Azkh 13-2	Azar shahr	West- Azarbajejan	Wheat	Ordibehesht 85	WS13-2	1196	8189-9384	MN901881
15	Miandoab	Miandoab	west Azarbajejan	Wheat	Ordibehesht 87	WS13-2	1196	8189-9384	MN901882
16	FASA_E	Fasa	Fars	Echinocloa	Mordad 83	WS13-2	1196	8189-9384	MN901897
17	ShahrK	Shahr kord	Chahar Mahal	Wheat	Mordad 83	WS13-2	1193	8189-9384	MN901883
18	Sedeh	Sedeh	Fars	Echinocloa	Mordad 83	WS13-2	1193	8189-9384	MN901884
19	FASA_W	Fasa	Fars	Wheat	Tir 84	WS13-2	1193	8189-9384	MN901885
20	Isfahan	Isfahan	Isfahan	Wheat	Ordibehesht 84	WS13-2	1193	8189-9384	MN901886
21	Abargoo	Abargoo	Yazd	Wheat	Ordibehesht 84	WS13-2	1193	8189-9384	MN901887
22	Azna	Azna	Lorestan	Wheat	Ordibehesht 84	WS13-2	1193	8189-9384	MN901888
23	Kab 52	Kabootar abad	Isfahan	Wheat	Ordibehesht 84	WS13-2	1193	8189-9384	MN901889
24	Zan 13-2	Zanjan	Zanjan	Wheat	Ordibehesht 84	WS13-2	1193	8189-9384	MN901890
25	Zanjan	Zanjan	Zanjan	Wheat	Ordibehesht 85	WS13-2	1193	8189-9384	MN901891
26	Qazvin	Qazvin	Qazvin	Wheat	Ordibehesht 84	WS13-2	1193	8189-9384	MN901892
27	Bajgah	Bajgah	Fars	Barley	Khordad 85	WS13-2	1193	8189-9384	MN901893
28	Robatm	Robat Miandasht	Razavi Khrasan	Wheat	Ordibehesht 87	WS13-2	1196	8189-9384	MN901894
29	Neyshab	Neyshaboor	Korasan	Wheat	Khordad 82	WS13-2	1193	8189-9384	MN901895
30	Chen	Chenaran	Korasan	Wheat	Khordad 84	WS13-2	1193	8189-9384	MN901896

31	Behbahan	Behbahan	Khuzistan	Wheat	Esfand 84	WS13-2	1151	8189-9384	MN901878
32	Lolium	Andimeshk	Khuzistan	Lolium Sp.	Esfand 87	WS13-2	1151	8189-9384	MN901873
33	Dezful	Dezful	Khuzistan	Wheat	Esfand 87	WS13-2	1151	8189-9384	MN901874
34	Beh1	Behbahan	Khuzistan	Wheat	Esfand 87	WS13-2	1151	8189-9384	MN901875
35	Beht	Behbahan	Khuzistan	Wheat	Esfand 87	WS13-2	1151	8189-9384	MN901876
36	Beh2	Behbahan	Khuzistan	Wheat	Esfand 87	WS13-2	1151	8189-9384	MN901877

Description of Iranian isolates of Iranian Johnson grass mosaic virus submitted in GenBank

No	Strain or isolate name	location	host	Collection date	Primer Name	length	Sequence region corresponding to complete sequence	gene	GenBank accession numbers
1	AKIJ	Mazandaran	Maize	2007/11/19	IJ20	1321	8223-9543	CP-UTR	MN929721
2	Ghr	Golestan	Maize	2008/10/20	IJ20	1321	8223-9543	CP-UTR	MN929719
3	Gor	Golestan	Maize	2008/10/20	IJ20	1321	8223-9543	CP-UTR	MN929718

4	Qazvin	Qazvin	Johnson grass	2004/8/11	IJ20	1321	8223-9543	CP-UTR	MN929720
5	AmolIJ34	Mazandaran	Johnson grass	2008/10/20	IJ25	648	8223-8871	CP	MN917137
6	Dasht Moghan IJ35	Ardabil	Maize	2006/9/6	IJ25	648	8223-8871	CP	MN917136
7	IJ25 Sarab Khorram Abad	Lorestan	Johnson grass	2008/11/12	IJ25	648	8223-8871	CP	MN917135
8	IJGhz	Qazvin	Johnson grass	2004/8/11	IJ25	648	8223-8871	CP	MN917134
9	Gol IJ25	Golestan	Maize	2006/6/13	IJ25	648	8223-8871	CP	MN917133
10	Sirch IJ25	Kerman	Johnson grass	2008/10/20	IJ25	648	8223-8871	CP	MN917132
11	Torogh IJ24	Khorasan razavi	Maize	2007/6/9	IJ25	648	8223-8871	CP	MN917125
12	IJsoloIJ25-4	Tehran	Johnson grass	2004/8/11	IJ25	648	8223-8871	CP	MN917131
13	JMASH-IJ25f	Mashhad	Johnson grass	2004/8/11	IJ25	648	8223-8871	CP	MN917130
14	Astaneh	Gilan	Johnson grass	2004/8/11	IJ25	648	8223-8871	CP	MN917129

15	Ghar11	Mazandaran	Maize	2008/10/20	IJ24	221	8223-8443	CP	MN917128
16	Ghar12	Mazandaran	Maize	2008/10/20	IJ24	221	8223-8443	CP	MN917127
17	BakIJ	Mazandaran	Johnson grass	2008/10/20	IJ24	300	8223-8522	CP	MN917126
18	Saveh IJ34	Markazi	Johnson grass	2004/8/11	IJ34	787	8063-8844	CP	MN917124
19	KShah	Kermanshah	Johnson grass	2008/10/20	IJ50	697	8847-9543	CP	MN917140
20	Marz	Mazandaran	Johnson grass	2008/10/20	IJ50	697	8847-9543	CP	MN917141
21	CHOGHAZ	Khozestan	Johnson grass	2008/11/12	IJ55	325	8847-9173	CP	MN917138
22	KHOS4	Khozestan	Johnson grass	2008/11/12	IJ55	325	8847-9173	CP	MN917139
23	Karaj	Alborz	Maize	2004/8/11	IJ10	1978	7566-9543	Nib-CP- UTR	MN929717

Thesis Supervised or Advised:

	Student	Subject	Supervisor	University	Date
1	Mr Behnam Khatabi	Purification, preparation of antiserum, distribution, alternative hosts, and partial sequencing of <i>cereal yellow dwarf virus (CYDV-RPV)</i>	Supervisor: Dr. K. Izadpanah Advisors: Dr. AR. Afsharifar Dr. Z. Bani Hashemi and M. Sc. M. Masumi	Shiraz University	September 2003
2	Ms Mina Rasrgou	Purification of Barley yellow dwarf virus serotype MAV relationship between date of planting and rate of BYDV incidence in wheat identification of non-cultivated and hosts of BYDV serotypes in Shiraz and vicinity	Supervisor: Dr. K. Izadpanah Advisors: Dr. AR. Afsharifar Dr. Z. Bani Hashemi and M. Sc. M. Masumi	Shiraz University	August 2003
3	Ms Shabnam Zorriasatain	Host range, variation of the vector population and purification of <i>Beet curly top virus</i>	Supervisor: Dr. K. Izadpanah Advisors: Dr. Z. Bani Hashemi, Dr. AR. Afsharifar, M. Sc. M. Masumi and MS. c. M. Taghizadeh	Shiraz University	September 2003
4	Mr. Ali Eftekhari		Supervisor: Dr. MR. Ghanadha Advisors: Dr. M. Koochi Habibi and M. Sc. M. Masumi	Tehran University	2003

5	Mr. F. Hassani	Inheritance of resistance to wheat streak mosaic virus in two bread wheat cultivars	Supervisor: Dr MT. Assad Advisors: Dr. H. Pakniat, Dr. Y. Emam, Dr. H. Ghadiri and M. Sc. M. Masumi	Shiraz University	December 2003
6	Ms Reihaneh Soleimani Najafabadi	Partial characterization of <i>Echinochloa colonum</i> isolate of <i>wheat streak mosaic virus</i> and the role of <i>E. Colonus</i> and wheat and bermuda grass mites in wheat streak mosaic cycle.	Supervisor: Dr. K. Izadpanah Advisors: Dr. Z. Bani Hashemi, Dr. AR. Afsharifar and M. Sc. M. Masumi	Shiraz University	September 2005
7	Mr Rasool Kazemi	Identification of mode of inheritance of resistance to wheat streak mosaic virus in two wheat cultivars and the effect of selection on resistance	Supervisor: Dr MT. Assad Advisors: Dr. H. Pakniyat, Dr. Y. Emam and M. Sc. M. Masumi	Shiraz University - Plant Breeding	Dcember 2005
8	Mr. S. M. Hosseinnejad	Evaluation of some biochemical factors in resistance to wheat streak mosaic virus and the effect of two different inoculation times on grain yield and its components.	Supervisor: Dr MT. Assad Advisors: Dr. H. Pakniyat, Dr. Y. Emam and M. Sc. M. Masumi	Shiraz University - Plant Breeding	2005
9	Mr. Vahid Tahan	Analysis of genetic diversity among BYDV-PAV isolates in northern provinces of Iran.	Supervisor: Dr. AR. Afsharifar Advisors: Dr. K. Izadpanah, Dr. A. Niazi, and M. Sc. M. Masumi	Shiraz University	February 2006
10	Ms Sahar Nouri	Comparison of molecular properties and the host ranges of rice black-gall dwarf virus and <i>maize rough dwarf virus</i> in Fars	Supervisor: Dr. K. Izadpanah Advisors: Dr. AR. Afsharifar, and M. Sc. M. Masumi	Shiraz University	September 2006
11	Ms Maryam Rastgar	Taxonomic position of wheat eqclid mosaic virus	Supervisor: Dr. K. Izadpanah Advisors: M. Sc. M. Masumi, and Dr. AR. Afsharifar	Shiraz University	September 2006

12	Mr Mahmoud Izadi	Genotype environment interaction in reaction of bread wheat to wheat streak mosaic virus	Supervisor: Dr MT. Assad Advisors: Dr. Y. Emam, Dr. H. Razi, and Dr. M. Masumi	Shiraz University - Plant Breeding	January 2008
13	Ms Sara Heidary	Characterization of filamentous virus of <i>Phalaris Arundinaceae</i>	Supervisor: Dr. K. Izadpanah Advisors: Dr. AR. Afsharifar, and Dr. M. Masumi	Shiraz University	September 2007
14	Mr Reza Almasi Nahanjeh	Molecular and biological characterization of an Iranian isolate of Barley yellow striate mosaic virus.	Supervisor: Dr. AR. Afsharifar Advisors: Dr. K. Izadpanah, Dr. A. Niazi, and Dr. M. Masumi	Shiraz University	September 2007
15	Ms Kobra Makarian	Allelic relationship of WSMV resistance and electrophoresis study of protein changes in several resistant bread wheat cultivars	Supervisor: Dr MT. Assad Advisors: Dr. M. Masumi, Dr. A. Alemzadeh, and Dr. H. Razi	Shiraz University - Plant Breeding	September 2007
16	Ms Zahra Zinati	The effect of temperature on biochemical changes in incubation period in two cultivars resistant and susceptible to wheat streak mosaic virus	Supervisor: Dr MT. Assad Advisors: Dr. M. Masumi, Dr. J. Jamalian and Dr. A. Alemzadeh	Shiraz University - Plant Breeding	September 2008
17	Ms Farideh Farahbakhsh	Genetic diversity of Bermuda grass Southern mosaic virus in South Iran.	Supervisor: Dr. AR. Afsharifar Advisors: Dr. K. Izadpanah, Dr. M. Masumi and Dr. SAA. Behjatnia	Shiraz University	September 2009
18	Ms Vahideh Shirzadi nejad	Comparison of CP-UTR sequence of <i>Wheat streak mosaic virus</i> isolates from wheat and weeds.	Supervisor: Dr. K. Izadpanah Advisors: Dr. AR. Afsharifar, and Dr. M. Masum	Shiraz University	September 2009
19	Mr Seyyed Rasoul Sahhafi	Biochemical changes in F ² generation of wheat streak mosaic virus resistant and susceptible bread wheat cultivars during Incubation period	Supervisors: Dr. MT. Assad and Dr. M. Masumi Advisors: Dr. H. Razi and Dr. A. Alemzadeh	Shiraz University - Plant Breeding	June 2009
20	Ms FatemehSaeednia	Genetic parameters of resistance to wheat streak mosaic virus in several wheat cultivars	Supervisor: Dr. MT. Assad Advisors: Dr. H. Razi, Dr. M. Masumi, and Dr. E. Ebrahimi	Shiraz University - Plant Breeding	September 2009

21	Ms Sara Shoeibi	Detection and distribution of watermelon mosaic potyvirus (WMV) in some cucurbits fields of Golestan province	Supervisors: Dr. S. Nasrollahnejad, and Dr. M. Masumi Advisor: Dr. A. Ahmadikhah	Gorgan University of Agricultural Sciences and Natural Resources	
22	Ms Mona Dastoori	Relative fitness and molecular basis of (<i>Lolium rigidum</i>) accessions resistant and susceptible to aryloxyphenoxypropionat herbicides in the wheat fields.	Supervisors: Dr. H. Rahimian Mashhadi, and Dr. E. Zand, Advisors: Dr. H. Alizadeh, and Dr. M. Masumi	Tehran University-Weed Sciences	June 2010
23	Ms Elham Alavi nejad	Complementary study of diversity and molecular characterization of viruses causing yellows disease in faba bean and other legums.	Supervisor: Dr. K. Izadpanah, and Dr. SAA. Behjatnia Advisors: Dr. AR. Afsharifar, and Dr. M. Masumi	Shiraz University	September 2010
24	Ms Raheleh Farzanfar	Molecular characterization of, and reaction of certain cucurbit cultivars to, the Bosherr isolate of squash mosaic virus.	Supervisor: Dr. K. Izadpanah, and Dr. AR. Afsharifar Advisors: Dr. H. Hamzeh Zarghani, and Dr. M. Masumi	Shiraz University	September 2012
25	Ms Zahra Dordiani	The Comparison of sequence of 1 to 6 genomic fragments of Rice black-gall dwarf virus (RBGDV) and Maize rough dwarf virus (MRDV)	Supervisors: Dr. S. Nasrollahnejad, and Dr. M. Masumi	Gorgan University of Agricultural Sciences and Natural Resources	September 2011

26	Ms Atefeh Zakeri	Study of cross protection of between <i>maize dwarf mosaic virus</i> and <i>Bermuda grass Southern mosaic virus</i>	Supervisors: Dr. S. Nasrollahnejad, and Dr. M. Masumi	Gorgan University of Agricultural Sciences and Natural Resources	September 2011
27	Ms Farvah Sadat Mostafavi Neishabouri	Determination of the complete nucleotide sequence of the genome of Maize dwarf mosaic virus(MDMV)	Supervisors: Dr. S. Nasrollahnejad, and Dr. M. Masumi	Gorgan University of Agricultural Sciences and Natural Resources	September 2011
28	Ms Narjes Rahpeyma Sarvestani	Functional genomics of Maize dwarf mosaic virus, Bermudagrass southern mosaic virus, Wheat streak mosaic virus and their interaction with plant genome	Supervisors: Dr. E. Ebrahimie, and Dr. M. Masumi Advisors: Dr. K. Izadpanah, and Dr. M. Ebrahimie	Shiraz University - Plant Breeding	February 2012
29	Ms. Fatemeh Bageri	Evaluation of Biological changes and some morphologic characters in Wheat streak mosaic virus resistance	Supervisor: Dr. MT. Assad Advisors: Dr. H. Razi, Dr. M. Masumi, and Dr. E. Ebrahimi	Shiraz University - Plant Breeding	
30	Mr. Armin Azarfar	Biological and molecular characteristics of Zucchini yellow mosaic virus- Fars isolate	Supervisor: Dr. K. Izadpanah, and Dr. AR. Afsharifar Advisors: Dr. SAA. Behjatnia , and Dr. M. Masumi	Shiraz University Plant protection	MARCH 2011
31	Mr Mohamad Hamed Ghodoom Parizipour	Distribution of curly disease of beet plant and effect of temperature on plant recovery	Supervisor: Dr. K. Izadpanah, and Dr. SAA. Behjatnia Advisors: Dr. AR. Afsharifar , and Dr. M. Masumi	Shiraz University Plant protection	
32	Mr. Mehdi Amiri Mozhar	Molecular and biological characterization and distribution of fig mosaic virus in iran	Supervisor: Dr. K. Izadpanah, Advisors: Dr. SAA. Behjatnia , and Dr. M. Masumi	Shiraz University Plant protection	September 2012
33	Mr. Saeed Tabein	Identification of the protein binding site associated with the replication of tomato leaf curl virus in cotton leaf curl virus	Supervisor: Dr. K. Izadpanah, and Dr. SAA. Behjatnia Advisors: Dr. M. Masumi and Dr. A.	Shiraz University Plant protection	July 2012

		satellite DNA	Niazi		
34	Ms. Zahra Ahmadi	Evaluation of maize genotypes against Maize rough dwarf and maizr Iranian mosaic viruses	Supervisors: Dr. H. Pakniat, and Dr. M. Masumi Advisors: Dr. H. Razi, Dr. A. Dadkhodae	Shiraz University - Plant Breeding	February 2013
35	Mr. Aboozar Ghorbani	Effect of susceptible and resistant cultivars on genetic diversity trend of p25 in two Beet necrotic yellow vein virus isolates from Lorestan and Zarghan and a study of natural host range of Polymyxa betae	Supervisor: Dr. K. Izadpanah, Advisors: Dr. AR. Afsharifar , Dr. SAA. Behjatnia, and Dr. M. Masumi	Shiraz University Plant protection	February 2013
36	Mr. Yaser Biniaz	Effect of temperature on biological behavior of Bermudagrass southern mosaic virus and maize dwarf mosaic virus and determination of complete genome sequence of Bermudagrass southern mosaic virus	Supervisor: Dr. K. Izadpanah Advisors: Dr. AR. Afsharifar , and Dr. M. Masumi	Shiraz University Plant protection	February 2015
37	Ms. Maryam Kargar	Determination of population structure of <i>grapevine fanleaf virus</i> in southwern of Iran	Supervisor: M. Zakiaghl and Dr. M. Masumi Advisors: Dr. K. Izadpanah and M. Mehrvar	University of Ferdosi Mashhad, Plant protection	June 2015
38	Ms. Maryam Rastegar	Functional validation of aphid proteins potentially involved in polerovirus transmission	Supervisor: Dr. K. Izadpanah Advisors: Dr. AR. Afsharifar, Dr. SAA. Behjatnia, , and Dr. M. Masumi	Shiraz University Plant protection	February 2013
39	Mr Panah Panahi	Effect some biological and artificial components in induce resistance to Wheat streak mosaic virus	Supervisor: Dr. AR. Afsharifar Advisors: Dr. K. Izadpanah , and Dr. M. Masumi	Shiraz University Plant protection	July 2015
40	Ashkan	Evaluation of Selection Intensity of	Supervisor: Dr. E. Zand, A. Naderi	Department of	October 2016

	Bahmani	Acetolactate Synthase-Inhibitor Herbicide Resistance Endowing Asp-376-Glu Mutation in Sinapis arvensis	. Advisors: Dr. M. Masumi, Sh. Lak	Agronomy, College of Agriculture, Khuzestan Science and Research Branch, Islamic Azad University, Ahvaz, Iran	
41	Mr Sajjad Shahverdi	Biological and molecular characterization of phytoplasma associated with big bud tomato disease in zanzan province	Supervisor: Dr. K. Izadpanah . Advisors: Dr. AR. Afsharifar, Dr. SAA. Behjatnia, , and Dr. M. Masumi	Shiraz University Plant protection	September 2016
42	Mr. Farshad Hamati Dinarvand	Effect of Some Chemical, Biological and Natural Compounds on Induction of Systemic Resistance Against Tomato yellow leaf curl virus (TYLCV) and Cucumber mosaic virus (CMV) in Tomato	Supervisor: Dr. AR. Afsharifar and Dr. SAA. Behjatnia, . Advisors: Dr. M. Masumi, Dr.M. Sepehri and Dr. A. Niazi	Shiraz University Plant protection	September 2017