

Curriculum Vitae

Research Interests

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- 1- Plant breeding by using Agricultural Biotechnology Genetic Engineering
 - 2- Plant breeding by using Agricultural Biotechnology Genetic Engineering
 - 3- Studies to find out the effects of Senescence on Plants
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Education

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- 1 BSc/BA : Plant Breeding, Tehran Univ, iran, 1988
 - 2 MS : Plant Breeding, Tarbiat Modarres Univ, iran, 1991
 - 3 PhD : Genetic Engineering, London Univ, ENGLAND, 1999
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Teaching Experience

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- 1- Genetics, undergraduate
 - 2- Plant breeding, Under Graduate
 - 3- Biology, Graduate
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National Journals

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- 1- 1997, ' Analysis of Senescence in transgenic plants ', *Journal of Experimental Botany* -, Vol. 48, pp.
 - 2- 1998, ' Molecular analysis of leaf senescence in Brassica and Arabidopsis', *Journal of Experimental Botany*-, Vol. 49, pp.
 - 3- Mohammad Reza Abdollahi, Ahmad Moieni , Amir Mousavi, Ali Hatef Salmanian, 2007, 'Effect of integrated bombardment and Agrobacterium transformation system on Transient GUS Expression in Hypocotyls of Rapseed (Brassica napus. L. cv. PF 704) Microspore Derived Embryos.', *Pakistan Journal of Biological Sciences* , Vol. 10, No. 187, pp. 3141-3145
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- 4- M. Abdollahi, A. Moini, P. Haddadi, M. Jalali Javaran 2003, ' Embryogenesis from isolated microscope culture in different cultivars of rapeseed (*Brassica napus L.*)', *Pajouhesh Sazandegi*, No. 60, pp. 48-52
- 5- M. A. Samih, K. Kamali, A. A. Talebi and M. Jalali Javaran 2003, ' Comparative study on the life table parameters of Local Populations of Cotton Whitefly *Bemisia tabaci* in Iran', *Journal of Entomological Society of Iran*, Vol. 23, No. 1, pp.
- 6- M. Jalali. Javaran, H.Hashemzadeh and A. Mousavi 2004, ' Qualitative and quantitative variations in protein, chlorophyll and carotenoid contents in *Brassica napus* transformed by antisense glutamine synthetase', *Journal of Science Agriculture & Nature Resour*, Vol. 8, No. 2, pp. 107-120
- 7- M. A. Samih, K. Kamali, A. A. Talebi and M. Jalali Javaran 2004, ' A comparative study on the biological parameters of 11 local populations of *Bemisia tabaci* (Genn.) in Iran', *Journal of Agriculture Science nature resour*, Vol. 11, No. 1, pp. 101-108
- 8- M. Movahhedy Dehnavy, S. A. M. Moddares Sanavy, A. Sorushzadeh and M. Jalali Javaran 2004, ' Changes in proline, total soluble sugars, SPAD and chlorophyll fluorescence in winter safflower cultivars under drought stress and foliar application of zinc and management', *Biaban*, Vol. 9, No. 1, pp. 93-95
- 9- C. Mansouri far, S. A. M. Moddares Sanavi and M. Jalali Javaran 2005, ' Effect of drought stress and nitrogen deficit on quality and quantity of soluble proteins in Maize (*Zea mays L.*) leaf', *Iranian Journal, Agriculture scince* , Vol. 36, No. 3, pp. 625-637
- 10- H. Rajabi Memari, M. Jalali Javaran, M. J. Rasaee, F. Rahbarizadeh, M. Forouzandeh Moghaddam and E. Ismaili 2006, ' Expression of recombinant single domain antibody against MUC1 mucin in tobacco plants', *The scientific Journal of Agriculture*, Vol. 29, No. 3, pp. 37-51
- 11- Amirshekari. H, Sorooshzadeh.A, Moddares Sanavy.A and Jalali Javaran .M 2006, ' Study of effects of root temperature, corm size and gibberelin on underground organs of saffron (*Crocus sativus L.*)', *Iranian Journal of biology* , Vol. 19, No. 1, pp. 5-18
- 12- E. Feyzian, M. Jalali Javaran, H. Dehghani and H. Zamyad 2007, ' Analysis of the genetic diversity among some of Iranian Melon (*Cucumis melon L.*) landraces using morphological and rapid molecular markers', *Journal of science & Technology Agriculture & Nature Resour*, Vol. 11, No. 41, pp. 151-163
- 13- H. Amirshekari, A. Sorooshzadeh, A. M. Modaress Sanavy and M. Jalali Javaran 2007, ' Effects of root zone temperature, corm size, and gibberelin on vegetative growth of saffron (*Crocus sativus L.*)', *Journal Agriculture science Nature Resour*, Vol. 14, No. 5, pp. 96-104
- 14- Shobbar Z.S., Malboobi M. A., Karimzadeh GH., Jalali Javaran M., Mohammadi Nejad Gh and Bennet J 2008, ' Drought stress and plant hormonal impact on rice peduncle elongation', *Iran journal of biology*, Vol. 21, No. 3, pp. 411-420
- 15- Bagheri KH., Jalali Javaran M., Mahboudi F., Moeini A and Zebarjadi A 2010, ' Designing and development of Gamma Interferon construct and expression of this protein in *Brassica Napus* seeds', *Iran journal of biology*, Vol. 23, No. 2, pp. 411-420
- 16- Masoumi asl A., Jalali Javaran M., Mahboudi F and Alizadeh H 2009, ' Cloning and transformation of human tissue plasminogen activator (tPA) gene in Tobacco plants', *Iran journal of biology*, Vol. 22, No. 3, pp. 516-525
- 17- Mirzaie Asl A., Moieni A., Salmanian A. H. and Jalali Javaran M 2009, '14- Effects of hormonal pretreatment and genotype on in vitro induction of direct adventitious shoots on sugar beet (*Beta vulgaris L.*) leaves', *Iran journal of biology*, Vol. 22, No. 4, pp. 719-729

International Journals

- 1- H. Rajabi-Memari, 2006, 'Expression and characterization of recombinant single-domain antibody against MUC1 in Tobacco', *Hybridoma Journal*, Vol. 4, No. 25, pp. 12
- 2- G. karimzadeh, K. Bagheri, M.Jalali javaran 2005, 'Cold- induced accumulation of protein in the leaves of spring and winter bayley cultivar.', *Acta Biologica Hungarica*, Vol. 1, No. 56, pp. 14
- 3- M..R. Abdollahi, A. Moieni, M. Jalali- javaran 2004, 'Interactive effects of heat shock and culture density on embryo induction in isolated microspores culture of *Brassica napus*. Cv. Global', *Iranian Jouranl of Biotechnology*, Vol. 2, pp. 4
- 4- P. Jonoubi, A. Mousavi, A. Majd, A.H. Salmanian, M. Jalali-javaran 2005, 'Efficient regeneration of *brassica napus L.* Hypocotyls and genetic transformation BY Agrobacterium tumefaciens.', *Biologia plantarum*, Vol. 49, No. 2, pp. 6
- 5- G. Karimzad, G. R. Sharifi, M. Jalali-Javaran, Dehghani & D. Francis 2006, 'Soluble proteins induced by temperature treatment in the leaves of spring and winter wheat cultivars', *Pakistan Journal of Botany*, Vol. 38, No. 1, pp. 12

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- 6- P. Joubi, A.Mousavi, A.Majd, M.Jalali javaran, J.Daneshian, H.H. Salmanian , 'In-vitro shoot regeneration Improvement with thidiazuron and Benzyladenine in rape seed Brassica napus', *Molecular markers and plant Breeding*, Vol. 25, No. 3, pp. 3
 - 7- P. Jonoubi, A. Mousavi, A. Majd, M. Jalali , 'Agrobacterium -mediated transformation and regeneration of fertile teransgenic plants of ...', *Molecular markers agronomics*, Vol. 25, No. 3, pp. 3
 - 8- G. Krinzadeh 2003, 'Changes in the callus soluble proteins of winter and spring wheat cultivars following cold treatment', *Plant tissue culture*, Vol. 13, No. 2, pp. 10
 - 9- M. Jalalli - Javaran, K. Morris, V. Buchenan 2001, 'Biochemical and molecular analysis of Glutamine synthetase gene in Brassica napus L.', *Iran agriculture research* , Vol. 20, pp. 17-36
 - 10- Alireza Zebarjadi, Mokhtar Jalali, Ghasem Krimzadeh, Ahmad Moieni , Amir Mousavi, Ali Hatef Salmanian 2006, 'Transformation of rapeseed (Brassica napus L.) plants with sense and antisense constructs of the fatty acid elongase gene', *Iranian Journal of Biotechnology*, Vol. 4, No. 2, pp.
 - 11- Ahmad Esmaili, Mokhtar Jalali, Mohammad Javad Rasaee, Fatemeh Rahbarizadeh, Hamid Rajabi Memari 2006, 'Cloning and expression of recombinant ciliated single - domain antibody in Tobacco.', *Iranian Journal of Biotechnology*, Vol. 4, No. 3, pp.
 - 12- Payam Pour Mohammadi, Ahmad Moini, Mokhtar Jalali 2007, 'Colchicine induced embryogenesis and doubled haploid production in maize (Zea mays L.) anther culture', *Iranian Journal of Biotechnology*, Vol. 5, No. 3, pp.
 - 13- Shahram Noroozi, Amin Baghizadeh, Mokhtar Jalali 2009, 'The genetic diversity of Iranian Pistachio (Pistacia vera L.) cultivars revealed by ISSR markers', *Biological Diversity and Conservation* , Vol. 2, No. 2, pp. 50-56
 - 14- Zahra sadat Shobbar, Rowena Oane, Rico Gamuyao, Justina De Palma, Mohammad Ali Malboobi, Ghasem Krimzadeh, Mokhtar Jalali and John Bennett 2008, 'Abscisic acid regulates gene expression in cortical fiber cells and silica cells of rice shoots', *New Phytologist* , Vol. 178, pp. 68-79
 - 15- Ahmad Ismaili. Mokhtar Jalali Javaran. Mohammad Rasaee. Fatemeh Rahbarizadeh. Mehdi Forouzandeh Moghadam and Hamid Rajabi Memari 2007, 'Production and characterization of anti mucin (MUC1) SINGLE DOMAIN ANTIBODY IN TOBACCO (Nicotina tobacum cultivar Xanti)', *Biotechnol Appl Biochem* , Vol. 47, pp. 11-19
 - 16- E. Feyzian, H. Dehghani, A. M. Rezai, M. Jalali Javaran 2009, 'Dialled cross analysis for maturity and yield- related traits in melon (Cucumis melo. L)', *Euphytica*, Vol. 168, pp. 215-223
 - 17- E. Feyzian, H. Dehghani, A. M. Rezai, M. Jalali Javaran 2009, 'Correlation and sequential path mode for some yield related traits in melon (Cucumis melo. L)', *Journal of agricultural science and technology (jast*, Vol. 11, pp. 341-353
 - 18- G. Mirzaghaderei, G. Karimzadeh, H.S. Hassani, M. Jalali. Javaran and A. Baghizadeh 2010, 'Cytogenetic analysis of hybrids derived from wheat and Tritipyrum using conventional staining and genomic in situ hybridization', *Biologia Plantarum*, Vol. 54, No. 2, pp. 252-258
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Refereed National Conference Proceedings

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- 1- 1995, The third Iranian Agricultural students meeting 29th , U.K , pp.
 - 2- 1996, IVth Iranian Biotechnology Seminar , pp.
 - 3- 2000, The fifth Agricultural Seminar, pp.
 - 4- 1998, The pure science seminar of Iranian students in Europe (section Biolocial Science), pp.
 - 5- 1998, 'Ministry of culture and higher education ', 7th and 8th Iranian students Meeting Aug 1990 and 1991., pp. , Aug 1990 and 1991
 - 6- 1994, 'Agricultural and Plant breeding congress Agricultural Faculty ', First Agricultural and Plant breeding congress Agricultural Faculty of Tehran University, pp.
 - 7- 1991, 'Ministry of culture and higher education ', 7th and 8th Iranian students Meeting, pp.
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Memberships in Societies

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- 1- Society for Experimental Biology (SEB) , -
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Professional Experiences

- 1- Assistant professor Tarbiat Modarres University, Tehran, Iran, - , data:Since
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Others

- 1- NAMES AND ADDRESSES OF SEVERAL REFEREES, 1) Professor T. Tavakkoli Department of College of Agriculture, University of Tarbiat Modarres
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File:

- 2- NAMES AND ADDRESSES OF SEVERAL REFEREES, 2) Professor Ali Ahmadi, Ph.D. Department of College of Agriculture , University of Tehran
-

File:

- 3- NAMES AND ADDRESSES OF SEVERAL REFEREES, 3) Professor Sied Ali Mibodi, Ph.D. Department of College of Agriculture , University of Isfahan
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