



CURRICULUM VITAE
OF
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Publons ID: [AAS-6661-2021](#)

EDUCATION

- | | |
|-----------|---|
| 2003-2007 | Tarbiat Modares University, Tehran, Iran (Ph.D.) in Molecular Genetics. |
| 1999-2001 | Shahid Beheshti University, Tehran, Iran (M.Sc.) in Genetics |
| 1994-1998 | Alzahra University, Tehran, Iran (B.Sc.) in Microbiology |

POSITION HELD

May 2021 – up to now: Full Professor, Department of Genetics and Cellular & Molecular Biology, School of Basic Sciences, Science and Research Branch, Islamic Azad University, Tehran, Iran.

Dec 2021- up to now: Professor of Technology in Incubator (Markaz Roshd) located at Science and Research Branch, Islamic Azad University, Tehran, Iran

Sep 2014-June 2016: Director of research sector, School of Basic Sciences, Science and Research Branch, Islamic Azad University, Tehran, Iran.

May 2013- Sep 2014: Coordinator of M.Sc. and Ph.D. students, Genetics and Cellular & Molecular Biology Department, School of Basic Sciences, Science and Research Branch, Islamic Azad University, Tehran, Iran

April 2010- Sep 2014: Coordinator of B.Sc. students, Department of Biology, School of Basic Sciences, Science and Research Branch, Islamic Azad University, Tehran, Iran

February 2009- up to now: Tenure member of Scientific board of Department of Biology, Science and Research Branch, Islamic Azad University, Tehran, Iran.

TEACHING EXPERIENCE

M.Sc.:

Genetic Engineering
Biotechnology
Population genetics

Ph.D.:

Molecular Biotechnology
Applied Biotechnology
Advanced Genetic Engineering
Molecular Genetics
Genomics
Omics

Research interest:

My interest research field is working on Population genetics, Landscape genetics, Genetics of infertility, Phylogenetics, Transcriptomics, Bioinformatics, and Biotechnology.

ACADEMY AWARDS

Distinguished Professor of University (2019)

Book

-Z. Noormohammadi. 2023. Gene Manipulation and Molecular Biotechnology, Publisher; Kharazmi University, Tehran, Iran [In Persian].

-Z. Noormohammadi. 2018. Genetic fingerprinting in Plants, Publisher; Kharazmi University, Tehran, Iran [In Persian].

Book chapter

SM. Hosseini Mazinani, B. Torkzaban. Iranian olive catalogue. 2013. Z. Noormohammadi, M. Sheidai. Molecular diversity of wild olive. Chapter 4. Publisher, National Institute of Genetic Engineering and Biotechnology, Tehran, Iran [In English].

Selected Publication

- S Tavakolpour , Z Noormohammadi *, M Daneshpazhooh *, A Gholami , , AR Gholami and H Mahmoudi 2024. IgG reactivity to different desmoglein-3 ectodomains in pemphigus vulgaris: novel panels for assessing disease severity. *Frontiers in Immunology*. 2024 DOI 10.3389/fimmu.2024.1469937 IF=7.56

-M. Sheidai, Z. Noormohammadi *, MR. Vazifeshenas. 2024. A new look at genetic variability in pomegranate: Landscape genetics and structural equation modeling (SEM), *Scientia Horticulturae*, 334, 13323, <https://doi.org/10.1016/j.scienta.2024.113323>. IF=4.5

- F. Ale-Kajbaf, M. Khadem-Alali, SS Marashi, M Sheidai, Z Noormohammadi * . 2024. Spatial analysis and sequential equation modeling (SEM) of genetic diversity in date palm (*Phoenix dactylifera* L.) *Nucleus* <https://doi.org/10.1007/s13237-024-00515-> IF=2.1

- M. Khatib, A. Bolhassani, Z. Noormohammadi, M. Ghazizadeh. 2024. Genotyping R1336X and Eliminating the Pseudogene Amplification in Type 3 von Willebrand Disease Patients. *Indian J Hematol Blood Transfus* (2024). <https://doi.org/10.1007/s12288-024-01798-8>. IF=0.7

- M. Khalili Samani, Z. Noormohammadi , M R. Fazeli Samadi,. Anti-biofilm effects of bacteriocin-like compounds produced by *Bacillus subtilis* SP1 isolated from Sablan honey. *MEDICAL SCIENCES* 2024; 34 (3) :237-244

-S Aftabsavad, Z Noormohammadi*, A Moini, M Karimipoor. 2024. Impact of Bisphenol A on Genes Associated with Oocyte Maturation in Cumulus Cells of POR Response Women. *The Cell J (Yakhteh)* 26(4): 267-275 (IF=2.0)

- M. Sheidai, z Noormohammadi, O. Alishah. 2024. Future cultivation of cotton for industrial use: landscape cytogenetics and species distribution modeling. *Genetic Resources and Plant Evolution*. <https://doi.org/10.1007/s10722-024-01916-5> (IF=2.0)

- H. Naddafnia, Z. Noormohammadi*, Sh. Irani, I. Salahshoorifar. 2024. Whole-exome sequencing to identify the new pathogenic variants cause of non-syndromic hearing loss. *Iranian Public Health* 53(2):453-461 (IF=1.5).

-M. Nematian , Z. Noormohammadi , P. Rahimi, Sh. Irani , E. Arefian. 2024. Exploring the potential of structural modeling and molecular docking for efficient siRNA screening: A promising approach to Combat viral mutants, with a focus on HIV-1. *Biochemical and Biophysical Research Communications* 708, 149769 doi: 10.1016/j.bbrc.2024.149769 (IF=3.1)

-N. Bahrami, A. Nazari, Z. Afshari, S. Aftabsavad, A. Moini Z. Noormohammadi *. 2023. Gene expression profiles of granulosa cells in women with poor ovarian response. *Journal of Assisted Reproduction and Genetics*. DOI : 10.1007/s10815-023-02919-4. (IF=3.1)

- A. Naemi, A. Hatef Salmanian , Z. Noormohammadi , J. Amani. 2023. A novel EGFR-specific recombinant ricin-panitumumab (scFv) immunotoxin against breast and colorectal cancer cell lines; *in silico* and *in vitro* analyses. *European Journal of Pharmacology*, 955, 175894 (IF=5).
- F Rafiee , MR Fazeli , A Akhavan Sepahi , Z Noormohammadi 2022.Isolation, Screening and Identification of Native and New *Bacillus subtilis* with Strong Antifungal Compound against *Fusarium oxysporum* *Biocontrol Sci* 2022;27(4):201-208. doi: 10.4265/bio.27.201. (IF: 0.98).
- Zaefari Elnaz, Noormohammadi Zahra , Moini Ashraf, Karimipoor Morteza 2023. Correlation of polymorphisms related to endometriosis: A meta analysis.*Iran J Biol Sci*. 18(3): 59-68
- S Targholi, Z Noormohammadi, E Tafsiri, M Karimipoor 2023.Evaluation of the Function of a Rare Variant in the 3'-Untranslated Region of the β -Globin Gene. *Hemoglobin* <https://doi.org/10.1080/03630269.2023.2167660> (IF=0.82)
- Z Noormohammadi* , M Sheidai, S Saboori, N Moradi, S Naftchi, F Rostami, SS Marashi. 2023. Sex- linked molecular markers in date palm germplasm: dominant and co-dominant markers. *Caryologia* 75(3): 135-144 (IF=0.9)
- P Azadfar, Z Noormohammadi* , M Noroozian, A Eidi, P Mortazavi. 2023.Insight on the expression of NAT-Rad18lncRNA, Rad18 and Sorl genes: memantine effect on rats model of Alzheimer's disease. *J Adv Med Biomed Res*. 31(144): 86-92 (ISC)
- H. Azizi, M. Sheidai, V. Mozaffarian, Z. Noormohammadi 2023. Molecular (ISSR, cp DNA, ITS) and morphological study of the genus *Tragopogon* L. (Asteraceae). *Genet Resour Crop Evol* 70, 505–524. <https://doi.org/10.1007/s10722-022-01443-1> (IF=1.5)
- M. Sheidai, M. Mohebi Anabat, F. Koohdar, Z. Noormohammadi (2022). Identifying potential adaptive SNPs within combined DNA sequences in Genus *Crocus* L. (Iridaceae family): A multiple analytical approach. *Caryologia*75(3): 159-167 (IF=2.1)
- M. Marzban, Z Noormohammadi* , F. Farahani, S.M. Atyabi. 2022. Induced genetic and chemical changes in medicinally important plant *Catharanthus roseus* (L.) G.Don. *Mol Biol Rep* DOI 10.1007/s11033-021-06789-w (IF=1.5)
- Z Ahmadi, Z Noormohammadi, R Ranjbar, P Behzadi. 2022. Prevalence of Tetracycline Resistance Genes tet (A, B, C, 39) in *Klebsiella pneumoniae* Isolated from Tehran, Iran. *Iran J Med Microbiol*.16(2): 141-147
- S Shahsavari1, Z Noormohammadi* , M Sheidai, F Farahani, MR Vazifeshenas. 2022.SCoT molecular markers are efficient in genetic fingerprinting of pomegranate (*Punica granatum* L.) cultivars *Caryologia* 75(2): 45-52. doi: 10.36253 (IF=0.9)

-Y Ahsani Arani, Z Noormohammadi, B Rasekh, F Yazdian, H Kazemi. 2022. Evaluation of SDS-coated iron nanostructure on the gene expression of bio surfactant-producing genes by *Pseudomonas aeruginosa*. Engineering in life science DOI: 10.1002/elsc.202200002 (IF=3.4)

-Z Tamimi , Z Noormohammadi* , F Farahani . 2022. Genetic structure and SCoT marker-based differentiation of indigenous grape, *Vitis vinifera* L. cultivars of Iran. The Nucleus DOI10.1007/s13237-022-00403-5 (ISI listed)

-Z Ahmadi, Z Noormohammadi, P Behzadi, R Ranjbar. 2022. Molecular Detection of gyrA Mutation in Clinical Strains of *Klebsiella pneumonia*. Iran J Public Health, 51(10): 2334-2339 (IF=1.5)

- M Mardani Moghanaki, Z Noormohammadi, I Salahshourifar, N Mahdavi Hazaveh. 2022. MAOA-uVNTR variations in schizophrenia: case and control study. Bull Natl Res Cent 46, 262 . <https://doi.org/10.1186/s42269-022-00951-5> (ISI listed)

-A. Molaei, M. Agahi, M. Malekian, B Moradhasel, A Tajrezaee, A Lajevardi, I Salahshourifar, N Mahdavi Hezaveh, Gh Javadi, Z Noormohammadi*. 2022. A new aspect on the correlation of ten SNPs in MIR and their target genes in dopaminergic pathways in Iranian schizophrenia. Bulletin of the National Research Centre 46:51 <https://doi.org/10.1186/s42269-022-00744-w> (ISI listed)

- A Alamdary , A Gholami , M Azizi, Z Noormohammadi. 2022. Construction and Rescue of a Rabies Virus with Duplicated Glycoprotein Gene Vaccine Research 8 (1): 1 0 4 - 1 0 9 (ISC)

-S. Shahsavari, Z. Noormohammadi* , M Sheidai, F. Farahani, MR. Vazifeshenas. 2021. A bioinformatic insight into the genetic diversity within pomegranate cultivars: From nuclear to chloroplast genes. Genetic Resources and Crop evolution <https://doi.org/10.1007/s10722-021-01297-z> (IF=1.5)

- H. Azizi , M. Sheidai1 , V. Mozaffarian and Z. Noormohammadi. 2021. POLLEN MORPHOLOGY OF THE GENUS TRAGOPOGON (ASTERACEAE) Acta Botanica Hungarica 63(1–2), pp. 31–43.

-S. Saboori, Z. Noormohammadi* , M. Sheidai, SS. Marashi. 2020 A phylogenetic study at cultivars level in date palm (*Phoenix dactylifera* L.): Insight into the HGT and time of divergence . Caryologia 74(3): 151-168. doi: 10.36253 (IF=0.8)

- Ghaderi HS, Noormohammadi Z, Habibi-Anbouhi M, Kazemi-Lomedasht F, Behdani M. Development of camelid monoclonal nanobody against SLC39A6 zinc transporter protein. Iran J Basic Med Sci 2021; 24:1726-1733. doi: <https://dx.doi.org/10.22038/IJBMS.2021.58542>. (IF=2.5).

-M Kayyal, A Bolhassani, Z Noormohammadi, M Sadeghizadeh .2021. In Silico Design and Immunological Studies of Two Novel Multiepitope DNA-Based Vaccine Candidates Against High-Risk Human Papillomaviruses. Mol Biotechnol. <https://doi.org/10.1007/s12033-021-00374-z> (IF=2.6)

-M Kayyal, A Bolhassani, Z Noormohammadi, M Sadeghizadeh. 2021. Immunological responses and anti-tumor effects of HPV16/18 L1-L2-E7 multiepitope fusion construct along with curcumin and nanocurcumin in C57BL/6 mouse model. *Life Sciences* 285 <https://doi.org/10.1016/j.lfs.2021.119945> (IF=5.0)

-N Sotoudeh, Z Noormohammadi , M Habibi-Anbouhi, F Kazemi-Lomedasht , M Behdani. 2021. Developing and characterizing a single-domain antibody (nanobody) against human cytotoxic T-lymphocyte-associated protein 4 (hCTLA-4). *Iran J Basic Med Sci*; 24: (IF=2.5)

-H Ghaderi, Z Noormohammadi, M Habibi-Anbouhi, F Kazemi-Lomedasht, M Behdani. 2021. preparation of heavy chain polyclonal antibody against zinc transporter SLC39A6 and its diagnostic application *Tehran Univ Med J* 79(4): 274-280 (ISC).

- M Zamanian, Z Sharifi, Z Noormohammadi, T Akbarzadeh, F Ineshian. 2021. Antiviral effect of *Artemisia aucheri* aqueous extract on UL46 and US6 genes of HSV-1. *Antiviral Therapy*. DOI: 10.1177/13596535211039907 (Q2 SJR)

-M Babaie, M Peyvandi, H Abbaspour, Z Noormohammadi, S Arbabian. 2021. Effect of nitrogen and nano nitrogen fertilizers on corm colchicine and phenolic compounds of *Colchicum speciosum* from three regions of Mazandaran. *Applied Biology* 34: 9-23 (ISC)

-M. Sheidai, M. Heydari, G. Atri, N. Kalhor, F. Koohdar, Z. Noorohammadi (2020) A preliminary report on X-chromosome sequence variability within Iranian population. Reporting new potential SNPs/ sequence variants as a source of population genetic markers. *Caryologia* 73(4): 77-83. doi:10.13128/caryologia-551 (IF=1.0)

-S. Aftabsavad, Z. Noormohammadi*, A. Moini, M. Karimipoor.2021. Effect of Bisphenol A on alterations of ICAM-1 and HLA-G genes Expression and DNA methylation profiles in Cumulus Cells of Infertile Women with Poor Response to Ovarian Stimulation. *Scientific Reports*, 9595, DOI: 10.1038/s41598-021-87175-1 (IF=4.0)

-N. Sepahian, Z. Noormohammadi*, M. Sheidai, H.-R. Zamanizadeh .2021. Authentication, genetic fingerprinting and assessing relatedness of rice (*Oryza Sativa*) genotypes by SSR molecular markers. *Caryologia* 74(1): 13-22. doi: 10.36253/caryologia-550 (IF=1)

- H Estarabadi , SA Atyabi , S Tavakkoli , Z Noormohammadi , MR Gholami , A Ghiaseddin , Sh Irani.2021. Cold atmospheric plasma induced genotoxicity and cytotoxicity in esophageal cancer cells. *Mol Biol Rep.*48 (2):1323-1333. doi: 10.1007/s11033-021-06178-3(IF=2.1)

-A Namvar, A Bolhassani, Gh Javadi, Z Noormohammadi 2021. Combination of human papillomaviruses L1 and L2 multiepitope constructs protects mice against tumor cells. *Fundamental & Clinical Pharmacology*. <https://doi.org/10.1111/fcp.12690> (IF=2.7)

-S. Shahsavari, Z. Noormohammadi*, M Sheidai, F. Farahani, MR. Vazifeshenas. 2021. Genetic structure, clonality and diversity in commercial pomegranate (*Punica granatum* L.) cultivars. *Genet Resour Crop Evol.* 68:2943–2957 <https://doi.org/10.1007/s10722-021-01167-8> (IF=1.3)

- S. Saboori, Z. Noormohammadi, M. Sheidai, SS. Marashi. 2021. Date Palm (*Phoenix dactylifera* L.) Cultivar Relationships Based on Chloroplast Genotyping. *Iranian Journal of Science and Technology, Transactions A: Science* 45: 833–840 (IF=0.9)
- S Nikzat-Siahkolaee, M Sheidai, MAssadi, Z Noormohammadi, S Ghasemzadeh-Baraki. 2021. Infra-specific variation of *Acer cappadocicum* (Sapindaceae): morphological and molecular approaches. *Brazilian Journal of Botany* 44:149–163 (IF=0.9)
- M Khalili Samani, Z Noormohammadi, MR Fazeli, N Samadi Bacteriocin activity of various iranian honey-associated bacteria and development of a simple medium for enhanced bacteriocin activity. *Journal of Environmental Health Science and Engineering* 19,:427–435 (IF=2.17)
- S. Shahsavari, Z. Noormohammadi*, M. Sheidai, F. Farahani. MR. Vazifeshenas 2020. A new insight into the phytochemical and morphological diversity in fruit and juice of commercial pomegranate (*Punica granatum* L.) cultivars. *Nova Biologia Reperta* 7(4): 442-452 (ISC)
- Z. Noormohammadi*, H. Habibollahi, F. Farahani, M. Sheidai. Assessment of in vitro culture-induced genetic changes in *Linum usitatissimum* and *L. album* plants by microsatellites and retrotransposon based molecular markers. *Plant Gene* <https://doi.org/10.1016/j.plgene.2020.100261> (Elsevier publisher, ISI listed)
- A.Pourborhanzadeh, M. Sheidai, Z. Noormohammadi, N. Kalhor, M. H. Horestani. 2020. Association study of MTHFR-c677t with male infertility and reporting new potential SNPS/sequence variants as a source of population genetic markers. *Genetika* 52: 1181-1192 (IF=0.3)
- T. Gholami, M. Peyvandi, H. Abbaspour, Z. Noormohammadi and F. Sharifnia.2020. Chemical Analysis of Population Variability in *Peganum Harmala* (var. *Harmala*) *Acta Botanica Hungarica* 62: 205–215
- R Tabaripour, M Sheidai, SM Talebi, Z Noormohammadi. 2021. Molecular and morphological investigation in *Hymenocrater*: species delimitation, relationship, divergence time and DNA barcoding *Genet Resour Crop Evol* 68: 2003–2017 <https://doi.org/10.1007/s10722-021-01113-8> (IF=1.3).
- S. Kamalzare, Z. Noormohammadi, P. Rahimi, F. Atyabi, Sh. Irani, F.S. Mirzazadeh Tekie, F. Mottaghitab. 2020. Optimization of Superparamagnetic Iron Oxide Nanoparticles-Trimethyl Chitosan (SPION-TMC) as a siRNA Carrier to Inhibit HIV-1 nef. *Pathobiol Res.* 23(2): 109-119 (ISC)
- R Tabaripour, M Sheidai, SM Talebi, Z Noormohammadi: 2020. "Population genetic and phylogeographic analyses of *Ziziphora clinopodioides* Lam., (Lamiaceae), "kakuti-e kuhi: attempt to delimit its subspecies *Caryologia* 73(2): 99-110 (IF=1.0)
- lamme Juibary, F.S., Seyedmehdi, M. Sheidai, Z. Noormohammadi, F. koohdar. 2021.. Genetic structure analysis and genetic finger printing of sweet orange cultivars (*Citrus sinensis* (L.) Osbeck) by using SCoT molecular markers. *Genet Resour Crop Evol* 68, 1645–1654. <https://doi.org/10.1007/s10722-020-01092-2> (IF=1.3)

- Z. Noormohammadi*, E. Torabizadeh, F. Farahani, O. Alishah, M. Sheidai (2020). Genetic and physiological analysis of cotton cultivars under salt stress.-Genetika, 52: 751-764. (IF=0.3)
- N. Sepahian, Z. Noormohammadi*, M. Sheidai, HR. Zamanizadeh. 2020. Authentication, Genetic fingerprinting and assessing relatedness of rice (*Oryza Sativa*) genotypes by SSR molecular markers. Caryologia <https://doi.org/10.36253/caryologia-550> (IF=1.0)
- S. Saboori, .Z. Noormohammadi*, M. Sheidai, SS. Marashi. 2020. Insight into date palm diversity: Genetic and morphological investigations. Plant Molecular Biology Reporter (IF=1.6)
- P. Azadfar, Z. Noormohammadi*, M. Nowroozian, A. Eidi, P. Mortazavi. 2020. Effect of Memantine on expression of Bace1-as and Bace1 genes in STZ-induced Alzheimeric rats. Molecular Biology Reports (IF=2.1)
- Z Taheri , H Asadzadeh Aghdai , Sh Irani, M H Modarressi , Z Noormohammadi. 2020. Evaluation of the Epigenetic Demethylation of NRF2, a Master Transcription Factor for Antioxidant Enzymes, in Colorectal Cancer Reports of Biochemistry and Molecular Biology 9(1), DOI: 10.29252/rbmb.9.1.33
- HA.Panahi , A. Bolhassani , G. Javadi , Z. Noormohammadi, E.Agi. 2020. Development of multi epitope therapeutic vaccines against the most prevalent high-risk human papillomaviruses. Immunotherapy. . doi: 10.2217/imt-2019-0196 (IF=3.0).
- M. Babazadeh S.A. Pourbakhsh Z. Noormohammadi M. Esmaelizad H. Goudarzi .2020. Molecular identification of *Mycoplasma agalactiae* in Iran based on P30 gene. Archives of Razi Institute 75 (3). 10.22092/ARI.2020.115005.1141
- P. Atefvahida , M.H. Modarressib, A. Aleyasinc , Z. Noormohammadia 2020. Copy number variations in miscarriage products and their relationship with consanguinity and recurrent miscarriage in individuals with normal karyotypes Molecular and Cellular Probes. DOI [/10.1016/j.mcp.2020.101526](https://doi.org/10.1016/j.mcp.2020.101526) IF=2.5
- O Salemi , Z Noormohammadi, F Bahrami, SD Siadat, Soheila Ajdary. 2020. Cloning, Expression and Purification of Espc, Espb and Espc/Espb Proteins of *Mycobacterium tuberculosis* ESX-1 Secretion System. Reports of Biochemistry and Molecular Biology 8(4): 465-472
- Z. Noormohammadi*, N. Asghari-Mooneghi, F. Farahani .2020.. Effect of gamma radiation on morphological and genetic variation in regenerated plantlets *Catharanthus roseus* L. (G) Don. Genetika, 52(1):15-28 (IF=0.35).
- F. Arabgari, Z. Noormohammadi*, S. Zareh Karizi, S. Honarmand Jahrom. 2019. Profile of erythromycin resistance genes ermA, B, C and msrA in *Staphylococcus aureus* strains isolated from Ahvaz hospitals . Iranian journal of biological Sciences 13(4):23-33.
- M. Azarafshan • M. Peyvandi • H. Abbaspour • Z. Noormohammadi • A. Majd. 2020. The effects of UV-B radiation on genetic and biochemical changes of *Pelargonium graveolens* L0 Her Physiol Mol Biol Plants <https://doi.org/10.1007/s12298-020-00758-6> (IF=1.53).

- L. Hoveida, B. Ataei, N. Amirmozafri, Z. Noormohammadi. 2020. Species Variety, Antibiotic Susceptibility Patterns and Prevalence of Enterotoxin Genes in Staphylococci Isolated from Foodstuff in Central Iran Iran J Public Health, 49(1):96-103 (IF=1.0).
- A. H Nafarii, A. Ayadi, Z. Noormohamadi, F. Sakhaee, F. VaziriSD. SiadatA. Fateh. 2019. Occult hepatitis C virus infection in hemophilia patients and its correlation with interferon lambda 3 and 4 polymorphisms Infection, Genetics and Evolution, 104:144 In Press, (IF=2.6)
- N.Sotoudeh, Z. Noormohammadi, M Habibi-Anboohi, F. kazemi-Lomedashi, M Behdani. 2019. Evaluation of Laboratory Application of Camelid Sera Containing Heavy-Chain Polyclonal Antibody Against Recombinant CTLA-4 Protein. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy.38(6): 235- 241 (IF=0.5)
- HA Panahi, A Bolhassani, Gh Javadi, Z Noormohammadi. 2019. Molecular Docking Analysis of 120 Potential HPV Therapeutic Epitopes Using a New Analytical Method. International Journal of Peptide Research and Therapeutics <https://doi.org/10.1007/s10989-019-09985-2> (IF=1.5)
- S. Saboori, Z Noormohammadi*, M Sheidai, SS Marashi. 2019. SCoT molecular markers and genetic fingerprinting of datepalm (Phoenix dactylifera L.) cultivars. genetic resources and Crop Evolution 67(1): 73–82 (If=1.3)
- Z Taheri, H Asadzadeh Aghdai, Sh Irani, M H Modarressi, Z Noormohammadi. 2019. Clinical Correlation of miR-200c/141 Cluster DNA Methylation and miR-141 Expression with the Clinicopathological Features of Colorectal Primary Lesions/Tumors. Reports of Biochemistry & Molecular Biology 8(3): 208-215 (ISI listed).
- E Taghavi, R. Daneshvar, Z Noormohammadi, SMH Modarresi MR Sedaghat. 2019. Association of LOXL1 Gene Polymorphisms with Exfoliation Glaucoma Patients. Iran J Public Health, 48(10):1827-1837. (IF=1.0).
- A. Molaei, Z. Noormohammadi*, I. Salahshourifar, N. Mahdavi Hezaveh. 2020. SNPs associated with Schizophrenia: Evidence from Iranian patients. Meta gene23. DOI: <https://doi.org/10.1016/j.mgene.2019.100633> (Elsevier, ISI listed)
- M. Agahi, Z. Noormohammadi*, I. Salahshourifar, N. Mahdavi Hezaveh. 2019. Genotype variations of rs13381800 in TCF4 gene and rs17039988 in NRXN1 gene among Iranian patients with schizophrenia. Iranian Journal of psychiatry 14: 4: 192-197 (PupMed, ISC).
- Z. Noormohammadi*, M. Mohammadzadeh-Shahir, D. Fahmi, S.M. Atyabi, F. Farahani. 2019. Induced genetic and morphological changes in *Catharanthus roseus* L. by cold atmospheric plasma. – Nova Biol. Reperta 6: 302-310. (ISC)
- N. Sepahian, Z. Noormohammadi*, M. Sheidai, HR. Zamanizadeh. 2019. Development of an efficient element-specific PCR Method for the Detection of genetically modified Rice, Soy & Corn. Genetika 51(3) 895-905 (IF=0.35)

- M. Mohammadzadeh-Shahir, Z. Noormohammadi*, F. Farahani, SM. Atyabi. 2019. Effect of Methyl jasmonate, putrescine and Cold atmospheric plasma on genetic variability and seedling growth improvement in medicinal plant *Catharanthus roseus* L. cultivar. *Industrial Crop and Products* 130:627-633 (IF=4.19)
- M. Azarafshan, M. Peyvandi, A. Majd, Z. Noormohammadi. 2019. The impact of UV-B radiation on antioxidant activity, essential oil composition and physiological factors of *Pelargonium graveolens* L Her". *Acta agriculturae Slovenica*. 113/2, 211–219 (ISI listed)
- M. Mohsenpour, Z. Noormohammadi, Sh. Irani, N. Amirmozafari. 2019. Expression of an Environmentally Friendly Enzyme, Engineered Carbonic Anhydrase, in *Escherichia coli*. 2019. *International Journal of Environmental Research* 13(2): 295-301 (IF=1.01)
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Attended meeting

1-Nourmohamadi, Z. & Sheidai, M. Cytogenetic variations in some brassica napus L. genotypes and their hybrids. (oral presentation) in The first Iranian Conference on Plant Science and Biodiversity (2002).

- 2-Nourmohammadi, Z., Hosseini-Mazinani, M., Afshari-Azad H. Isolation and molecular characterization of infection of olive plants by *verticillium dahliae* from different olive growing areas of Iran. (oral presentation) in The first European meeting of the IOBC/WPRS study group "Integrated control in olive" May 29-31, 2003 in Create, Greece.
- 3- Nourmohammadi, Z. & Sheidai, M. Cytogenetic variation in some oilseed (*brassica napus* L.). (Poster) in 16th International symposium of Biodiversity and Evolutionary biology, 21-27 September 2003 in Frankfurt/Main, Germany.
- 4- Nourmohammadi, Z., Belaj, A., Trujillo, I., Rallo Romero, L., Sadeghizadeh, M., and Hosseini-Mazinani, M. Genetic characterization and diversity of Iranian olive cultivars by using Microsatellite markers (Poster). 5th Asia Pacific Bioinformatic Conference (APBC) 15th –17th Jan 2007, Hong Kong.
- 5- Noormohammadi, Z, Farahani, F., Aminpoor, H. The study of genetic variability of micropropagated banana (*Musa acuminata* L.) cultivars (Poster). International Symposium on Biotechnology, May 4th – 8th 2008 Sfax- Tunisia.
- 6- Nourmohammadi, Z. Sheidai, M. Molecular and cytogenetic diversity in cotton cultivars, their hybrids and tissue culture regenerated plants (oral presentation-full paper). 14th Australasian Plant Breeding & 11th SABRAO Conference, 10th-14th August 2009, Cairns, Queensland, Australia.
- 7- Nourmohammadi, Z. Masoud Sheidai, Farah Farahani, Heywa Aminpoor. Genetic variation induced by tissue culture in Banana (*Musa acuminata* L.) cultivars Cavandish Dwarf and Valery (Poster). Society for Experimental Biology (SEB) annual main meeting, 29th June– 3rd July 2010, Prague, Czech Republic.
- 8- Nourmohammadi, Z. Ghasemzadeh Baraki, S., Sheidai, M. Molecular phylogeny of *Sargassum* species in Oman Sea (Poster). Plant Gene Discovery Technologies conference, 23rd – 26th Feb. 2011, Vienna, Austria.
- 9- Homae Rashidpoor, S., Nourmohammadi, Z., Sheidai, M., Mazooji, A. Assessing Iranian pomegranate biodiversity and identification of mislabeling genotypes in Saveh pomegranate collection using molecular markers. International Conference on Indigenous Knowledge for Biodiversity Conservation (ICIKBC). 14-15 December 2011, Kerman, Iran.
- 10- Nourmohammadi, Z., Sheidai M., Ghasemzadeh Baraki, S. Comparison of ISSR and RAPD patterns of *Sargassum* species in Oman Sea and Persian Gulf. 10th Asia Pacific Bioinformatics Conference (APBC), 17th -19th January 2012. Melbourne, Australia. (Poster presentation)
- 11- Noormohammadi, Z. Sheidai, M., Shafaf, T, Farahani, F, Talebi, S.M. 2013. Genetic and morphological diversity of medicinal plant: Asian flax *Linum austriacum* L. (Linaceae). Oral Presentation. 5th Global Summit on Medicinal and Aromatic Plants (GOSMAP-5) December 8 -12, 2013 Miri, Malaysia (Oral Presentation).
- 12- Z. Nourmohammadi, M Sheidai, Farah Farahani, Shokoofeh Fazeli. Morphological, Molecular and Genome Size Analyses of Apple Rootstocks in Different Tissue Culture

Media. 7th Annual International Symposium on Agriculture, 14-17 July 2014, Athen. Greece
(Oral Presentation)

11- Z. Nourmohammadi, M. Sheidai, F. Farahani. Somaclonal variation in tissue culture regenerated olive plants (*Olea europea* cv. Kroneiki)
8th International olive symposium, Split, Croatia, 9-14 October 2016.(Oral Presentation)

12- Zahra Nourmohammadi, Elham Torabizadeh, Farah Farahani, Omran Alishah. 2017. The comparison of cotton cultivar under salinity stress and salicylic acid: biochemical, cellular and genetic variations. 5th plant genome and gene editing, 17-18th March 2017, Amsterdam, Netherland (poster)