



**CURRICULUM VITAE
OF
ZAHRA NOORMOHAMMADI
Associate Professor**

Address:

Department of Biology, School of Sciences,
Science and Research Branch,
Islamic Azad University, Tehran, Iran

Email: z-nouri@srbiau.ac.ir , genetics1392@gmail.com

Google scholar URL: <http://scholar.google.com/citations?user=gdwSLCQAAAAJ>

Mendeley:

<https://www.mendeley.com/stats/author>

Researchgate:

https://www.researchgate.net/profile/Zahra_Noormohammadi

Scopus ID: [Author ID: 9632464900](#)

ID ORCID: orcid.org/0000-0003-3890-9001

URL ORCID: <http://orcid.org/0000-0003-3890-9001>

EDUCATION

- | | |
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| 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

Jan 2009 – up to now: Associate Professor, Department of Genetics and Cellular & Molecular Biology, School of Basic Sciences, 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

TEACHING EXPERIENCE

M.Sc.:

Genetic Engineering
Biotechnology
Regulation of gene expression
Population genetics

Ph.D.:

Molecular Biotechnology
Applied Biotechnology and Genetic engineering
Advanced Genetic Engineering
Molecular Genetics
Genomics and Proteomics

Research interest:

My interest research field is working on population Genetics, Genetic diversity, phylogenetics, Genomics, Transcriptomics, tissue culture and biotechnology.

Book

Genetic fingerprinting in Plant, 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

- 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. Caryologia (submission)
- S. Saboori, Z. Noormohammadi*, M. Sheidai, SS Marashi. SCoT molecular markers and genetic fingerprinting of date palm (*Phoenix dactylifera* L.) cultivars. genetic resources and Crop evolution (Under revision)
- N. Sepahian, Z. Noormohammadi*, M. Sheidai, HR. Zamanizadeh. 2019. Authentication, Genetic fingerprinting and assessing relatedness of rice (*Oryza Sativa*) genotypes by SSR molecular markers. Caryologia (under review).
- 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 (accepted, 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* 140 : <https://doi.org/10.1016/j.indcrop.2019.111601> (IF=4.1)
- M.Azadfar, 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)
- Z. Noormohammadi*, M. Mohammadzadeh-Shahir, D. Fahmi, S M. Atyabi*, F. Farahani. 2018. Induced genetic and morphological changes in *Catharanthus roseus* L. by cold atmospheric plasma NOVA BIOLOGICA REPERTA (accepted) (ISC).
- 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)
- M. Sheidai, R. Tabaripour, S.M. Talebi, Z. Noormohammadi, F. Koodar. 2019. Adulteration in medicinally important plants *Ziziphora* and *Hymenocrater* in Iran market: DNA barcoding approach. *Industrial Crops and Products* 130:627-633 (IF=3.8).
- R. Eftekharian, M. Sheidai, F. Attar, Z. Noormohammadi, S. Ghasemzadeh-Baraki. 2018. Molecular and morphological study of the genus *Senecio* L. (Asteraceae: Senecioneae) in Iran. *Genetika* 50 (2): 403-419.
- Z. Noormohammadi, M. Taban, F. Farahani. 2018. Short Communication: The impact of Gamma radiation on Tdc and Str gene expressions in *Catharanthus roseus* regenerated plantlets. *Biodiversitas* 19 (5): 1805-1810 (ISI listed).
- S. Mosafieri, M. Sheidai, M. Keshavarzi, Z. Noormohammadi . 2018. Karyological study of some annual *Polygonum* species in Iran . *ACTA botanica GALLICA, Botany Letters* 165(2): 280-285 (IF=0.87)
- S. Mosafieri, M. Sheidai, M. Keshavarzi and Z. Noormohammadi. 2018. SPECIES DIFFERENTIATION IN ANNUAL *PERSICARIA* BASED ON DIFFERENT MARKERS *Acta Botanica Hungarica* 60(3–4): 401–417.
- F. Azimishad, M. Sheidai, S. Mehdi Talebi, Z. Noormohammadi. 2018. Biosystematic study and population genetic analysis in *Lamium amplexicaule* L. (Lamioideae, Lamiaceae). *Genetika* 5(2): 533- 548
- Z. Noormohammadi*, N. Ibrahim-Khalili, M. Sheidai, O. Alishah. 2018. Genetic fingerprinting of diploid and tetraploid cotton cultivars by retrotransposon-based markers *Nucleus* 61(2), 137-143 (Springer, ISI listed)
- M. Sheidai, H. Teymoori, Z. Noormohammadi, A.R. Mehrabian, F. Koozdar, S. Ghasemzadeh-Baraki. 2018. Species delimitation in the genus *Tamarix*: Morphological and molecular data. *Phytotaxa* 343(2): 101-115 (IF=1.24).
- M. Sheidai, S Rahimi, AR Mehrabian, F Koozdar, Z Nourmohammadi .2018. Species delimitation in *Epilobium* (sec. *Epilobium*, Onagraceae): morphological, molecular and palynological data. *Biologia*, 73(1):1-8 (IF=0.7).

- S. Mosafieri, M. Sheidai, M. Keshavarzi, Z. Noormohammadi . 2018. Karyological study of some annual Polygonum species in Iran . ACTA Botanica Gallica, Botany Letters, 165(2):280-285. (IF=0.87)
- H. Azizi , M. Sheidai , V. Mozaffarian , and Z. Noormohammadi. 2018. Genetic and Morphological Diversity in Tragopogon graminifolius DC. (Asteraceae) in Iran. Cytology and Genetics, 52 (1): 76–80 (IF=0.32)
- M. Sheidai, M. Tabasi, M.R Mehrabian, F. Koohdar, S. Ghasemzadeh-Baraki, Z. Nourmohammadi*. 2018. Species delimitation and relationship in *Crocus* L. (Iridaceae). ACTA Botanica Croatica 77(1) 10–17. IF=0.7
- S. Esfandani Bozchaloyi, M. Sheidai , M. Keshavarzi, Z. Noormohammadi. 2017. Genetic and morphological diversity in *Geranium dissectum* (Sec. Dissecta, Geraniaceae) populations. Biologia 72/10: 1121—1130 (IF=0.7)
- R. Eftekharian, M. Sheidai, F. Attar, Z. Noormohammadi, M. Ebadi-Nahari. 2017. Morphometric and ISSR based variability analysis to elucidate population genetic structure in *Senecio glaucus* L. (Asteraceae: Senecioneae). Nucleus 60(1): 43–49.
- F. Nouri Kohpahi, F. Farahani, Z. Nourmohammadi. 2017. Somaclonal variation in the in vitro regenerated pineapple (*Ananas comosus*): investigation of the cellular characteristics, biochemical specificities and ISSR markers. Phytologia Balcanica 23(1): 69–79.
- Z. Noormohammadi*, M. Sakhaee, M. Sheidai ,S. M. Talebi. 2017. Assessment of genetic variation in *Linum* L. using SPAR markers. BIOLOGIJA 63 (1): 49–57
- S. Nikzat , M. Sheidai, M. Assadi, Z. Noormohammadi. 2017. Do we have different varieties in *Acer velutinum* (genus *Acer* L., family Sapindaceae): Morphological and molecular studies. Phytotaxa 321 (2): 151–165. IF=1.24.
- S. Esfandani Bozchaloyi , M. Sheidai , M. Keshavarzi Z. Noormohammadi, M. Hassanzadeh. 2017. Species delimitation in *Geranium* sect. *Batrachioodea*: Morphological and Molecular. Acta Botanica Hungarica 59(3–4): 319–334. (IF=0.5)
- H. Habibollahi, Z. Noormohammadi, M. Sheidai, F. Farahani, S.M. Talebi, E. Torabizadeh . 2017. Assessments of genetic diversity in Iranian flax populations using retrotransposon microsatellite amplification polymorphisms (REMAP) markers. Nucleus 61:55–60 (Springer ISI listed).
- S. Poortavakoli, Z. Noormohammadi*, M. Sheidai, O. Alishah. 2017. Genetic diversity analysis in drought stress tolerant cottons. Nucleus 60 (1): 57–62 (ISI listed).
- P.S. Pournaderi, S.H. Hejazi, P. Yaghmaei, H. Khodaei , Z. Noormohammadi. 2017. Comparing the therapeutic effects of 6-gingerol and hydro-alcoholic extract of ginger on polycystic ovary syndrome in Wistar rat. Advanced Herbal Medicine 3(2): 33-41

- M. Sheidai, S. Mosaferi, M. Keshavarzi, Z. Noormohammadi. 2016. Genetic diversity in different populations of *Persicaria minor* (Polygonaceae), a medicinal plant. *Nucleus* 59(2):115–121 (ISI listed).
- F. Koohdar, M. Sheidai, S.M. Talebi, Z. Noormohammadi, S. Ghasemzadeh-Baraki. 2016. Genetic diversity, population structure and morphological variability in the *Lallemantia royleana* (Lamiaceae) from Iran. *Phytologia Balcanica* 22(1): 29–38.(ISI listed).
- M. Sheidai, M. Najj, Z. Noormohammadi, M. Nouroozi, S. Ghasemzadeh-Baraki 2016. Contemporary Inter-specific hybridization between *Cirsium aduncum* and *C. haussknechtii* (Asteraceae): Evidence from molecular and morphological data. *Genetika* 48(2):497-514 (IF=0.5).
- M. Safaei, M. Sheidai, B. Alijanpoor, Z. Noormohammadi. 2016. Species delimitation and genetic diversity analysis in *Salvia* with the use of ISSR molecular markers. *Acta Bot. Croat.* 75 (1), 45–52. (IF=0.75).
- H. Habibollahi, Z. Noormohammadi, M. Sheidai, F. Farahani. 2016. Fatty acid composition in *Linum* species: Species delimitation and diversity. *Phytologia Balcanica* 22(3): 355–362 (ISI listed).
- R. Safarkar, J. Fallah Mehrabadi, Z. Noormohammadi, R. Mirnejad 2016. Development a rapid and accurate multiplex real time PCR method for the detection *Chlamydia trachomatis* and *Mycoplasma hominis*. *Journal of Clinical Laboratory Analysis* (DOI: 10.1002/jcla.22126) (IF=1.54).
- M. Sheidai, M. Tabasi, MR. Mehrabian, F. Koohdar, S. Ghasemzadeh-Baraki, Z. Noormohammadi*. 2017. Species delimitation and relationship in *Crocus* L. (Iridaceae). *ACTA Botanica Croatica* (accepted) (IF=0.73).
- Z. Noormohammadi*, N. Ibrahim-Khalili, S. Ghasemzadeh Baraki, M. Sheidai, O. Alishah. 2016. Genetic screening of diploid and tetraploid cotton cultivars by retrotransposon based markers. *Anales de Biologia* 38:123-132 (ISI listed).
- H. Habibollahi, Z. Noormohammadi*, M. Sheidai, F. Farahani. SSR and EST-SSR-based population genetic structure of *Linum* L. (Linaceae) species in Iran. *Genetic resources and crop evolution*. 63 (7): 127–1138 (ISI IF=1.5)
- R. Tabaripoor, M. Sheidai, S. M. Talebi, Z. Noormohammadi. 2016. Population genetic diversity and structure in *Ziziphora tenuior* L.: identification of potential gene pools. *Genetika* 48(2): 565-578 (IF=0.4).
- A.A. Minaeifar, M. Sheidai, F. Attar, Z. Noormohammadi, S. Ghasemzadeh-Baraki. 2016. Biosystematic study in the genus *Cousinia* Cass. (Asteraceae), section *Cousinia*. *Biochemical Systematics and Ecology* 69: 252–260 (IF=0.988).
- S. Mosaferi, M. Sheidai, M. Keshavarzi, Z. Noormohammadi. 2016. Species delimitation and population structure analysis in *Polygonum* species (section *Polygonum*). *Wulfenia* 23: 98 – 112. (IF=2.0)
- S. Fazeli, M. Sheidai, F. Farahani, Z. Noormohammadi*. 2016. Looking for genetic

diversity in Iranian apple cultivars: Inter Simple Sequence Repeats analysis. Journal of Sciences Islamic Republic of Iran. 27(3): 205 – 215. (IF=0.25).

-M. Sheidai , F. Taban , S M. Talebi , Z. Noormohammadi. 2016. Genetic and morphological diversity in *Stachys lavandulifolia* (Lamiaceae) populations. BIOLOGIJA. 62(1): 9–24 (ISI - listed).

- Z. Noormohammadi* , M. Forutan, M. Sheidai, O. Alishah. 2015. Networking and Bayesian analyses of genetic affinity in cotton germplasm. Nucleus 58 (1) 33-45 (Scopus index-Springer).

-Z. Noormohammadi* , S. Fazeli, F. Farahani, M. Sheidai, 2015. Molecular and genome size analyses of somaclonal variation in apple rootstocks Maling 7 and Maling 9. ACTA BIOLOGIA SEGENESIS 59(2): 139-149 (ISI- listed).

Z. Noormohammadi* , Shafaf T., Farahani F., Sheidai M., Talebi, S.M., Hasheminejad – Ahangarani-Farahani, Y.2015 . Within and among-genetic variation in Asian flax *Linum austriacum* L. (Linaceae) in response to latitude changes: Cytogenetic and molecular analyses. Biodiversitas 16(2): 145-150 (ISI listed).

- H. Habibollahi , Noormohammadi* Z., Sheidai, M., Farahani F. 2015. Genetic structure of cultivated flax (*Linum usitatissimum* L.) based on retrotransposon-based markers. Genetika 47(3): 1111-1122 (IF=0.49).

- M. Taban , M. Sheidai , N. Azizi , Z. Noormohammadi* , S. Ghasemzadeh-Baraki , F. Koozdar. 2015. Genetic diversity, gene flow and hybridization between *Helichrysum armenium* and *H. rubicundum* (Asteraceae). GENETIKA 47(2): 451-468 (IF=0.49).

-AA. Minaeifar, M. Sheidai, F. Attar, Z. Noormohammadi, S. Ghasemzadeh-Baraki. 2015.Genetic and morphological diversity in *Cousinia tabrisiana* (Asteraceae) populations. Biologia 70(3): 328-338 (IF=0.69).

- M. Sheidai, S. Sadeghi, M. Arab-Ameri, A.R. Mehrabeian, Z. Noormohammadi.2015.Species delimitation and population structure in three *Onosma*L. (Boraginaceae) species. Biologia 70(10) : 1326—1333 (IF=0.7).

- S. Mosafery, M. Sheidai, M.Keshavarzi, Z. Noormohammadi. 2015. Genetic diversity and morphological variability in *Polygonum aviculare* s.l. (Polygonaceae) of Iran. Phytotaxa 233 (2): 166–178. (IF=1.3).

- Z. Noormohammadi* , M. Forutan, M. Sheidai, O. Alishah. 2015. Networking and Bayesian analyses of genetic affinity in cotton germplasm. Nucleus 58 (1) 33-45 (Scopus index-Springer).

-Z. Noormohammadi* , S. Fazeli, F. Farahani, M. Sheidai, 2015. Molecular and genome size analyses of somaclonal variation in apple rootstocks Maling 7 and Maling 9. ACTA BIOLOGIA SEGENESIS 59(2): 139-149 (ISI- listed).

- Z. Noormohammadi* , Shafaf T., Farahani F., Sheidai M., Talebi, S.M., Hasheminejad – Ahangarani-Farahani, Y.2015 . Within and among-genetic variation in Asian flax *Linum*

austriacum L. (Linaceae) in response to latitude changes: Cytogenetic and molecular analyses. *Biodiversitas* 16(2): 145-150 (ISI listed).

- B. Kangarlo, Z. Noormohammadi^{*}, F. Farahani, S. Ghasemzadeh-Baraki, M. Sheidai. 2015. An assessment of tissue culture-induced genetic variability in olive (*Olea europaea* L.) using chloroplast *rpl 16* intron sequences and single primer amplification reaction (SPAR) markers. *Journal of Horticultural Sciences and Biotechnology* 90(6):719-723 (IF=0.5).

- M. Taban, M. Sheidai, N. Azizi, Z. Noormohammadi^{*}, S. Ghasemzadeh-Baraki, F. Koohdar. 2015. Genetic diversity, gene flow and hybridization between *Helichrysum armenium* and *H. rubicundum* (Asteraceae). *GENETIKA* 47(2): 451-468 (IF=0.49).

- Z. Noormohammadi^{*}, I. Trujillo, A. Belaj, S. Ataei M., Hosseini-Mazinani. 2014. Genetic structure of Iranian olive cultivars and their relationship with Mediterranean's cultivars revealed by SSR markers. *Scientia Horticulturae* 78: 175-183 (IF=1.5).

- Z., Noormohammadi^{*}, M. Foroutan, M. Sheidai, O. Alishah, 2014. Chromosome pairing and genome size analysis in F1 and F2 offspring derived from crossing *Gossypium barbadense* and *G. hirsutum*. *Gene Conserve* 13 (52): 14-26(CABI international index).

- B.H. Zahraee, Z. Noormohammadi^{*}, F. Farahani, M. Sheidai. 2014. Analysis of induced genetic variation in cotton cultivars under drought stress. *Gene Conserve* 13(51):18-37(CABI international index).

-. Sheidai, S. Ziaee, F. Farahani, SM. Talebi, Z. Noormohammadi, Y. Hasheminejad-Ahangarani Farahani. 2014. Infra-specific genetic and morphological diversity in *Linum album* (Linaceae). *Biologia* 69/1: 32-39 (IF=0.6).

- N. Azizi, M. Sheidai, V. Mozafarian, Z. Noormohammadi. 2014. Genetic, cytogenetic and morphological diversity in *Helichrysum leucocephalum* (Asteraceae) populations. *Biologia* 69(5):566-573(IF=0.69).

- N. Azizi, M. Sheidai, V. Mozaffarian, Z. Nourmohammadi. 2014. Karyotype and genome size analyses in some species of *Helichrysum* (Asteraceae). *Acta Botanica Brasilica* 28(3): 367-375 (IF=0.55).

- M. Sheidai, R.Yari, F. Farahani, Z. Noormohammadi. 2014. Evaluation of genetic diversity in cultivated (*O. europaea* subsp. *europaea* L. ssp. *europaea* var. *europaea*) and wild olives (*Olea cuspidata* Wall) using genome size and RAPD markers. *Nucleus* 57(3):215-222 (Scopus index-Springer).

-- M. Sheidai, F. Afshar, M. Keshavarzi, SM. Talebi, Z. Noormohammadi, T. Shafaf. 2014. Genetic diversity, genome size variability and morphological study of *Linum austriacum* (Lineaceae) populations. *Biochemical systematic and Ecology* 57:20-26 (IF=1.17).

-Z. Noormohammadi^{*}, Y. Hasheminejad- Ahangarani Farahani, M. Sheidai, S. Ghasemzadeh-Baraki, O. Alishah. 2013. Genetic diversity analysis in Opal hybrids by multiple molecular approach: SSR, ISSR, RAPD combined method. *Genetic and Molecular Research* 12 (1): 256-269 (IF=1.01).

- Z. Noormohammadi*, M.H. Shamee, M. Sheidai, 2013. Cytogenetic analysis of some parental and F2 cotton progenies. *The Nucleus* 56(1):37–40 (Springer ISI listed).
- Z. Noormohammadi*, Z. Mahdaviipoor, M. Sheidai, K. Mahdigholi, Y. Hasheminejad Ahangarani-Farahani. 2013. Coalescence, STRUCTURE and reticulation analysis of genetic diversity in *Prunus scoparia* populations. *Phytologia Balcanica* 19 (3): 339 – 346 (ISI-listed).
- Z. Noormohammadi*, A. Rahnama, M. Sheidai. 2013. EST-SSR and SSR analysis of Genetic diversity in diploid cotton genotypes. *The Nucleus* 56 (3): 171-178 (ISI listed-Springer).
- Z. Noormohammadi*, F. Farahani, M. Safarzadeh. 2013. Study of morphological traits changes in different media culture of two apple rootstocks (M26 AND MM106). *Malaysian Applied Biology* 42(1):25-33 (ISI listed).
- K. Mehdigholi, M. Sheidai, V. Niknam, F. Attar, Z. Noormohammadi. 2013. Assessment of population structure and genetic diversity in *Prunus scoparia* of Iran. *Annales Botanici Fennici* 50: 327-336 (IF=0.77).
- Z. Noormohammadi, A. Fasihee, S. Homaee-Rashidpoor, M. Sheidai, S. Ghasemzadeh Baraki, A. Mazooji, S-Z. Tabatabaee- Ardakani. 2012. The Comparison of RAPD, ISSR and SSR markers for genetic variation analysis among Iranian pomegranates. *Australian Journal of Crop Sciences* 6(2): 268-275.
- Z. Noormohammadi*, H. Samadi-Molayoosefi, M. Sheidai. 2012. Intra-specific genetic diversity in *O. cuspidata* subsp. *cuspidata* in Hormozgan province. *Genetic and Molecular Research* 11 (1):707-716 (IF=1.01).
- Z. Noormohammadi, M. Sheidai, F. Shojaei Jeshvaghani, F. Farahani, O. Alishah, 2012. Cytogenetic analysis of Mehr cotton cultivar and its crossing progenies: A search for unreduced pollen grains. *Cytologia* 77(1):107-112 (IF=0.4).
- Z. Noormohammadi*, Y. Hasheminejad-Ahangarani-Farahani, M. Sheidai, S. Ghasemzadeh-Baraki, O. Alishah. 2012. Development of RAMPO marker for assessment of genetic diversity in tetraploid cotton genotypes. *Gene Conserve* 11(44):1-11 (CABI international index).
- Z. Noormohammadi*, M. Sheidai, A. Deghani, F. Parvini, M. Hosseini-Mazinani. 2012. Inter-population genetic diversity in *Olea cuspidata* subsp. *cuspidata* revealed by SSR and ISSR markers. *Acta Biologica Szegediensis* 56(2):155- 163 (ISI listed).
- M. Sheidai, K. Kolahizadeh, Z. Noormohammadi, N. Azani, M. Nikoo, 2012. Correlation between geography and cytogenetic diversity in Pomegranate (*Punica granatum* L.) cultivars. *Acta Botanica Bracilica* 26(4): 948-957 (IF=0.55) .
- Z. Noormohammadi*, S. Ghasemzadeh Baraki, M. Sheidai, F. Rafie, B.M. Gharanjik. 2011. Morphological diversity of *Sargassum* species of Iran. *Gene Conserve* 10 (39):1-22 (CABI international index).

- Z. Noormohammadi*, S. Ghasemzadeh Baraki, M. Sheidai. 2011. Preliminary report on molecular diversity of *Sargassum* species in Oman Sea by using ISSR and RAPD markers. *Acta Biologica Szegediensis* 50(1): 19-26 (ISI listed).
- Z. Noormohammadi*, M.T. Shawi Al-Rubaye, M. Sheidai, O. Alishah. 2011. ISSR, RAPD and agronomic study in some F1 and F2 cotton genotypes. *Acta Biologica Szegediensis* 55(2):219-225 (ISI listed).
- Z. Noormohammadi*, MH. Shamee, M. Sheidai, O. Alishah. 2011. The comparison of inter simple sequence repeat and randomly amplified polymorphic DNA markers for genetic assessment of intra-specific cotton hybrid genotypes. *Gene Conserve* 10(42):270-292(CABI international index).
- M. Sheidai, Z. Noormohammadi, AR. Dehghani, F. Parvini, H. Hoshiar-Parsian. 2010. Intra-specific morphological and molecular diversity in wild olive (*Olea cuspidata* Wall ex. DC.) of Iran. *ScienceAsia* 36(3): 187-193 (IF=0.3).
- F. Tafvizi, M. Sheidai, Z. Noormohammadi, O. Alishah. 2010. Cytogenetic and RAPD analysis of cotton cultivars and their F1 progenies. *Caryologia* 63(1): 73-81(IF=0.4).
- M. Peyvandi, F. Farahani, M. Hosseini Mazinani, Z. Noormohammadi, S. Ataei, A. Asgharzadeh. 2010. *Pseudomonas fluorescent* and its ability to promote root formation of olive microshoots. *International Journal of Plant production* 4(1):63-66 (IF=1.01).
- M. Peyvandi, H. Nemat Farahzadi, S. Arbabian, Z. Noormohammadi, M. Hosseini-Mazinani. 2010. Somaclonal Variation Among Somatic-Embryo Derived Plants of *Olea europaea* L “cv. *Kroneiki*”. *Journal of Sciences, Islamic Republic of Iran* 21(1): 7-14 (IF=0.25).
- Z. Noormohammadi*, M. Hosseini-Mazinani, I. Trujillo, A. Belaj. 2009. Study of intracultivar variation among main Iranian olive cultivars using SSR markers. *Acta Biologica Szegediensis* 53(1) 27-32 (ISI listed).
- M. Sheidai, Z. Noormohammadi, H. Hoshiar-Parsian, F. Chegini. 2009. Cyto-Morphology and molecular study of wild olive in Iran. *Cytologia* 74(4): 369–377 (IF=0.4).
- M. Sheidai, M. Sotoodeh, Z. Noormohammadi. 2009. Chromosome pairing and cytomixis in safflower (*Carthamus tinctorius* L., *Asteraceae*) cultivars. *Cytologia* 74(1): 43-53(IF=0.4).
- M. Peyvandi, F. Farahani, Z. Noormohamadi, O. Banihashemi, M. Hosseini, Mazinani, S. Atae. 2009. Mass production of *Olea europaea* l. (cv. rowghani) through micropropagation. *General and Applied Plant Physiology* 35 (1–2): 35–43.
- M. Hosseini-Mazinani, Z. Nourmohammadi, A. Sadeghi, A. Esmati. 2008. Effect of different media on rooting abilities of two Iranian olive cultivars. *Acta Horticulturae* 791(1): 209-212 (Scopus index).
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