

REFERENCES

- Al-Saghrir, M. G. & Abdel-Salam, G. A.S., 2015. Genetic Diversity of Peanut (*Arachis hypogea* L.) Cultivars as Revealed by RAPD Markers. *American Journal of Plant Sciences*, Volume 6, pp. 2303-2308.
- Ashwini, T. & Vikas, L., 2014. Effect of moisture content on the physical properties of sunflower seeds (*Helianthus annuus* L.) for development of power operated sunflower seed decorticator. *International Journal of Science and Research*, 3(1), p. 2298–2302.
- Badouin, H.; Gouzy, J.; Grassa, C.J.; Murat, F.; Staton, S.E.; Cottret, L.; Lelandais-Brière, C.; Owens, G.L.; Carrère, S.; Mayjonade, B., 2017. The sunflower genome provides insights into oil metabolism, flowering and Asterid evolution. *Nature*, Volume 546, p. 148–152.
- Balalić, I.; Crnobarac, J.; Jocić, S.; Miklić, V.; Radić, V.; Dušanić, N., 2016. Variability of head diameter in sunflower hybrids depending on planting date.. *Genetika*, Volume 48, p. 983–990.
- Baute, G.J.; Kane, N.C.; Grassa, C.J.; Lai, Z.; Rieseberg, L.H. 2015., Genome scans reveal candidate domestication and improvement genes in cultivated sunflower, as well as post-domestication introgression with wild relatives. *New Phytol*, 2016(1), p. 830–838.
- Beard, B. & Geng, S., 1982. Interrelationships of morphological and economic characters of sunflower. *Crop Sci.*, 22(1), pp. 817-822.
- Chesnokov, Y. & Artemyeva, A., 2015. Evaluation of the measure of polymorphism information of genetic diversity. *Agri. Biol.*, 5(1), pp. 7-13.
- Chockalingam, V., 2016. Mapping quantitative trait loci controlling oil content, oleic acid and linoleic acid content in sunflower (*Helianthus annuus* L.). *Mol. Breed.*, Volume 36, pp. 106-111.
- da Silva, S.D.P.; Cavalcante, M.Z.B.; de Souza, G.P.; de Oliveira, T.S.; da Rocha Lima, R.; de Melo Chaves, A.R., 2018. Growth of ornamental sunflowers in two growing seasons under semiarid conditions. *Emirates Journal of Food and Agriculture*, 30(5), pp. 381-388.
- Darvishzadeh, R., 2016. Population structure, linkage disequilibrium and association mapping for morphological traits in sunflower (*Helianthus annuus* L.). *Biotechnology and Biotechnological Equipment*, 30(2), p. 236–246.
- Debaeke, P., 2017. Sunflower crop and climate change: Vulnerability, adaptation, and mitigation potential from case-studies in Europe. *OCL*, Volume 14, pp. 102-110.

- Dimitrijević, A. & Horn, R., 2018. Sunflower hybrid breeding: From markers to genomic Selection.. *Front. Plant Sci.*, Volume 8, pp. 2238-2244.
- Ellur, V., Goud, I. & Prabakaran, J., 2015. Morphological and molecular characterization of interspecific cross between cultivated Sunflower (*Helianthus annuus* L. with wild annual diploid *H. argophyllus*.). *Electronic Journal of Plant Breeding*, 7(2), pp. 377-389.
- Griffin, H. & Annete, M., 1994. *PCR technonogy: current innovations*. 1st ed. America: CRC Press.
- Heldwein, A.B.; Loose, L.H.; Lucas, D.D.P.; Hinnah, F.D.; Bortoluzzi, M.P.; Maldaner, I.C., 2014. Yield and growth characteristics of sunflower sown from August to February in Santa Maria. *RS. R. Bras. Agríc. Ambiental*, 18(1), pp. 908-913.
- Hockett, E. & Knowles, P., 2018. Inheritance of branching in sunflowers, *Helianthus annuus* L. *Crop Sci.*, Volume 10, pp. 432-436.
- Jannatdoust, M.; Darvishzadeh, R.; Ziaiefard, R.; Ebrahimi, M.A.; Maleki, H.H.; Gholinezhad, E.; Hatamnia, A.A., 2016. Analysis of genetic diversity and population structure of confectionery sunflower (*Helianthus annuus* L.) native to Iran. *J. Crop Sci. Biotechnol.*, 19(37), pp. 11-17.
- Jocić, S.; Miladinović, D.; Kaya, Y.; Martínez-Force, E.; Dunford, N.T.; Salas, J.J., 2015. *Breeding and Genetics of Sunflower*. In *Sunflower: Chemistry, Production, Processing, and Utilization*. 1 ed. Urbana: AOCS Press.
- Kaya, Y., 2015. *Sunflower In Breeding Oilseed Crops for Sustainable Production: Opportunities and Constraints*. 1 ed. Manhattan: Academic Press: Waltham.
- Lazarević, J.; Luković, J.; Terzić, S.; Jocković, M.; Zorić, L.; Karanović, D.; Jocić, S.; Miladinović, D., 2016. Micro-morphological features of achene of wild annual sunflowers. *Matica Srpska J. Nat. Sci.*, Volume 131, pp. 73-80.
- Malik, M. & Saini, C., 2016. Engineering properties of sunflower seed: Effect of dehulling and moisture content. *FOOD SCIENCE & TECHNOLOGY*, 2(1), pp. 8-13.
- Mandel, J.R.; McAssey, E.V.; Nambeesan, S.; Garcia-Navarro, E.; Burke, J.M., 2014. Molecular evolution of candidate genes for crop-related traits in sunflower (*Helianthus annuus* L.). *Molecular*, 9(1), pp. 21-30.
- Masvodza, D., 2015. Genetic Diversity Analysis of Local and Foreign Sunflower Germplasm (*Helianthus annuus*) for the National Breeding Program : Zimbabwe. *Journal of Cereals and Oil Seeds*, 6(1), pp. 1-7.

- Nascimento, A.M.P.; Reis, S.N.; Nery, F.C.; Curvelo, I.C.S.; Taques, T.C.; Almeida, E.F.A., 2016. Influence of color shading nets on ornamental sunflower development. *Ornam. Hortic.*, 22(1), pp. 101-106.
- Panero, J. & Crozier, B., 2016. Macroevolutionary dynamics in the early diversification of Asteraceae. *Molecular Phylogenetics and Evolution*, Volume 99, pp. 116-132.
- Papatheohari, Y.; Travlos, I.S.; I.G.; Argyrokastritis, I.G.; Bilalis, D.J., 2016. Growth and yield of three sunflower hybrids cultivated for two years under mediterranean conditions. *Food Agric.*, 28(1), pp. 136-142.
- Pérez-Vich, B., 2016. Molecular basis of the high-palmitic acid trait in sunflower seed oil. *Mol. Breed.*, Volume 36, pp. 43-48.
- Prasifka, J., 2014. Variation in the number of capitate glandular trichomes in wild and cultivated sunflower germplasm and its potential for use in host plant resistance. *Plant Genet. Resour.*, 13(1), p. 68–74.
- Premnath, A.; Narayana, M.; Ramakrishnan, C.; Kuppusamy, S.; Chockalingam, V., 2016. Mapping quantitative trait loci controlling oil content, oleic acid and linoleic acid content in sunflower (*Helianthus annuus* L.). *Mol. Breed.*, Volume 36, pp. 106-112.
- Purwati, R. & Herwati, A., 2016. Evaluation of quantitative and qualitative morphological characters of sunflower (*Helianthus annuus*) germplasm. *Biodiversity*, 17(2), pp. 461-465.
- Raza, A., Shaukat, H., Qasim, A. & Habib, M., 2018. Assessment of RAPD Markers to Analyse the Genetic Diversity among Sunflower (*Helianthus annuus* L.) Genotypes. *Turkish Journal of Agriculture - Food Science and Technology*, 6(1), pp. 107-111.
- Rieseberg, L. & Seiler, G., 1990. Molecular evidence and the origin and development of the domesticated sunflower (*Helianthus annuus*, Asteraceae).. *Econ Bot.*, 44(1), pp. 79-91.
- Seiler, G. & Jan, C., 2014. Wild sunflower species as a genetic resource for resistance to sunflower broomrape (*Orobanche Cumana* Wallr.). *Helia*, 37(1), pp. 129-139.
- Seiler, G., Qi, L. & Marek, L., 2017. Utilization of sunflower crop wild relatives for cultivated sunflower improvement.. *Crop Sci*, Volume 57, pp. 1083-1101.
- Shamshad, M., Dhillon, S., Tyagi, V. & Akhtar, J., 2014. Assessment of genetic diversity in sunflower (*Helianthus annuus* L.) germplasm. *Intl J Agric Food Sci Technol*, 5(4), pp. 267-272.

- Smith, B., 2014. The domestication of *Helianthus annuus* L. (sunflower). *Veg. Hist. Archaeobot.*, Volume 23, pp. 57-74.
- Sudrik, B.P.; Ghodke, M.K.; Patil, V.S.; Chavan, S.K.; Kesale, N.B., 2014. Evaluation and characterisation of sunflower (*Helianthus annuus* L.) germplasm. *J Crop Weed*, 10(1), pp. 73-76.
- Suresha, P., 2017. Original Research Article Genetic Diversity Analysis in Sunflower (*Helianthus annuus* L.) parental Lines Using SSR and RAPD Markers. *Int.J.Curr.Microbiol.App.Sci*, Volume 6, pp. 2069-2076.
- Tan, A., Aldemir, M. & Altunok, A., 2016. *Oilseed and confectionary sunflower (Helianthus annuus L.) researches in Aegean Agricultural Research Institute (AARI)*. Edirne, Turkey, 19th International Sunflower Conference.
- Tomlekova, N., Kozgar, M. & Wani, M., 2014. *Mutation breeding for changed oil quality in sunflower. In Mutagenesis: Exploring Genetic Diversity of Crops*. 1 ed. Wageningen, The Netherlands: Wageningen Academic Publishers.
- Valkova, D. & Christov, M., 2004. *Characterization of F1 plants obtained from crosses between cultivated sunflower and wild annual Helianthus annuus..* Fargo, ND, USA., Proc. 16th Int. Sunflower Conf.
- Vear, F., 2016. Changes in sunflower breeding over the last fifty years.. *OCL*, Volume 23, pp. 20-25.
- Vikas, K., Shankegoud, I. & Govindappa, M., 2015. and characterization of sunflower germplasm accessions for quantitative characters. *Electronic Journal of Plant Breeding*, 6(1), pp. 257-263.