



CURRICULUM VITAE

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Academic qualifications

BSc: Biology, Islamic Azad University, North Tehran Branch, 1994.

MSc (Plant Systematics): Plant Systematics, Islamic Azad University, North Tehran Branch, 2005. Title of MSc Dissertation: A systematic study of the genus *Isatis* (Brassicaceae) in Iran (Supervisor: Dr. F. Sharifnia).

Research interests:

Plant systematics, Brassicaceae, Fumariaceae, flora of Iran, seed taxonomy.

Research projects

1. Investigating the efficiency of some non-chemical and chemical control on the management of Broomrape (*Orobanche aegyptiaca*) and Potato's yield. Project No.: 04-16-16-070-030654.1403-1406. Collaborator.
2. Supplementary identification and collection of weed seeds in Iran (II: Caryophyllaceae, Amaranthaceae, Euphorbiaceae, Fabaceae, Lamiaceae, Apiaceae, and Boraginaceae). Project No.: 2-16-16-011-030051. 1403-1406. Principal researcher.
3. Evaluation of tolerance of winter and spring Canola lines and cultivars to broomrape (*Orobanche* spp.). Project No.: 03-16-1603-033-030299. 1403-1405. Collaborator.
4. Taxonomy of non native species of Morning glory (*Ipomoea*) in Iran with emphasis on invasive species. Project No.: 2-16-16-013-030058. 1403-1405. Collaborator.

5. Evaluation the efficacy of selected herbicides on broomrape control in the canola fields of Golestan Province. Project No.: 0-16-16-096-970853. Three years since 2018. Collaborator.
6. Floristic and taxonomic studies of rust fungi (Pucciniales) in Iran. Project No.: 2-16-16-042-970319. Three years since 2018-1400. Collaborator.
7. Taxonomic study of *Portulaca oleracea* complex in Iran. Project No.: 2-16-16-062-950400. 2016-2018. Collaborator.
8. Supplementary identification, review and distribution mapping of the rice field weeds in the North of Iran. Project No.: 03-16-1604-94157. 2016-2018. Principal researcher
9. Biology, phenology and distribution mapping of *Eichhornia crassipes* in the northern provinces of Iran. Project No.: 7-16-16-94175. 2015-2017. Collaborator.
10. Supplementary identification and collection of weed seeds in Iran (I). No.: 2-16-16-93115. 2014-2017. Collaborator.
11. Development of medicinal and pesticidal (poisonous) plants collection in the Ministry of Jihad-e-Agriculture Herbarium, aimed at preparing the "Atlas of Iranian medicinal plants". Project No.: 2-16-16-91159. 2012-2015. Collaborator.
12. Study on biotrophic fungi in Dena protected region. Project No.: 04-56-16-91195. 2012-2014. Collaborator
13. Identification of Iranian Research Institute of Plant Protection Campus Flora. Project No.: 04-56-16-91195. 2011-2014, Collaborator
14. Development of medicinal and pesticide plants collection in the Ministry of Jihad-e-Agriculture Herbarium (IRAN). Project No.: 2-16-16-88001. 2009-2012. Collaborator
15. A systematic study of the tribe *Brassiceae* (Brassicaceae) in Iran. Project No.: 2-16-16-89137. 2010-2013. Principal researcher
16. Bio-systematic study of the genus *Hesperis* in Iran. Project No.: 2-009-06-0000-86086. 2007-2010. Principal researcher
17. Contribution to weed management through revision and development of weed herbarium of the Ministry of Jihad-e-Agriculture (IRAN) With emphasize on designing ACCESS database. Project No.: 2-16-16-88022. 2009-2012. Collaborator
18. Bio-systematic study of Fumariaceae in Iran. Project No.: 2-009-100000-06-0000-85073. 2005-2008. Principal researcher
19. Collection and study of plants in relation to pest and disease hosts, weeds and other wild plant identification, 2003-2008, Collaborator.
20. Collection, study and identification of the fauna and flora of the Iranian islands of the Persian Gulf, with a focus on pests, fungi, weeds, and their natural enemies. Project No.: 1151. 2004-2006. Researcher.
21. Advanced weed survey of irrigated wheat and barley in Iran using GIS. 2000 2009. Project No.: 100-11-11-79-01-79-129. 1999-2003. Collaborator.

22. The application of GIS in weed mapping of rainfed and irrigated wheat fields in Iran. Project No.: 4-100-100000-08-8304-83001. 2003-2008. Collaborator.
23. Taxonomic study of the genus *Septoria* in Iran. Project No.: 2-16-16-89026. 2010-2015. Collaborator.
24. Identification and distribution mapping of dwarf Mistletoes in Kerman Province. Project No.: 4-54-16-86110. 2007-2009. Collaborator.
25. An investigations and comparison of germination ecology of seeds in different wild mustard (*Sinapis arvensis* L.) ecotypes. Project No.: 2-009-100000-08-0000-86051. 2007-2008. Collaborator.
26. Investigations on the fauna of Auchenorrhyncha (Homoptera) of Region 1 (Tehran, Semnan, Qom and some parts Ghazvin and Markazi Provinces). Project No.: 0-100-100000-0000-85043. 2006-2008. Collaborator.
27. Study of barbery shrubs to transfer black rust disease agent to next season, Project No.: 0-45-16-89017. 2010-2013. Collaborator.
28. Study on control of the sesame weeds in Jiroft. Project No.: 02-040-100000-08-0000-85061. 2006-2008. Collaborator.
29. Determination of the density and phenology of dominant weeds in canola. Project No.: 100-11-81-004. 2001-2003. Collaborator.
30. Numeric taxonomy of *Aethionema* and *Thlaspi* in Iran, 2001, collaborator

Selected publications:

Journal papers:

1. **Sajedi, S.** Sharifnia, F. and Assadi, M. 2003. A species of *Isatis* new to Iran. *Rostaniha* 4 (3-4): 157-158.
2. **Sajedi, S.** Sharifnia, F. & Sonboli, A. 2004. Verification of *Isatis tinctoria* in iran. *Rostaniha* 5 (1): 115-116.
3. **Sajedi, S.** Sharifnia, F. and Assadi, M. 2005. A study of the genus *Isatis* in Iran. 6 (1): 47-66.
4. **Sajedi, S.** and Assadi, M. 2005. Synonymy of *Isatis stenocarpa* with *I. lusitanica*. *Rostaniha* 6 (2): 162-164.
5. Farzadfar, Sh., Ohshima, K., Pourrahim, R., Golnaragi, A.R., **Sajedi, S.** and Ahoonmanesh, 2005. Reservoir Weed Hosts for Turnip Mosaic Virus in Iran. *Plant Disease Notes- the American Phytopathologic Society*. 89-0339.
6. Salimi, H. and **Sajedi, S.** 2005. Identification of dominant weeds in canola fields and determination of their densities in Tehran province. *Applied Entomology and Phytopathology* 72(2): 73-84.
7. **Sajedi, S.** Sharifnia, F. and Assadi, M. 2006. An anatomical study of the genus *Isatis* in Iran. *Rostaniha* 7 (1): 43-54.
8. **Sajedi, S.** Amiri, M. 2006. *Malvastrum coromendelianum*, A new record for Iran. *Rostaniha* 7 (1): 95-96.
9. **Sajedi, S.** Iranshahr, M. and Mamnouvee, E. 2006. A new species of *Euphorbia* for Iran. *Rostaniha* 7 (1): 97-99.
10. Moazzeni, H. **Sajedi, S.** and Joharchi M.R. 2006. *Sameraria stenophylla* (Brassicaceae) new record for the flora of Iran. *Iran. Jour. of Bot.* 12 (1): 63-66.
11. **Sajedi, S.** 2006. In: Ershad, D. (ed.) *Flora of Iranian Islands in the Persian Gulf in Herbarium Ministerii Iranici Agriculturae "IRAN"*. *Rostaniha suppl.* 4.
12. **Sajedi, S.** 2007. *Draba lanceolata* and *Barbarea vulgaris*, two new record from Brassicaceae. *Rostaniha* 8 (2): 212-215.

13. **Sajedi, S.** and Assadi, M. 2008. Ataxonomic study of *Corydalis* subgenera and sections in Iran using anatomic and pollen characteristics. *Rostaniha* 9 (2): 231-244.
14. **Sajedi, S.** 2009. *Rorippa islandica*, anew record for the flora of Iran. *Rostaniha* 10 (1): 142-144.
15. **Sajedi, S.** and Assadi, M. 2009. *Diploaxis griffithii*, a new species for Iran. *Rostaniha* 10 (2): 253-254.
16. Mirzaee, M. R., Khodaparast, A., **Sajedi, S.** Djavadi, S. B. & Saberi, M. H. 2010. *Malcolmia africana*, a new host for powdery mildow disease caused by *Erysiphe cruciferarum* in Iran. *Australasian Plant Disease Notes* 5: 101-102.
17. **Sajedi, S.** and Pahlevani, A.H. and Minbashi, M., 2011. *Amsinckia menziesii*, first report of the genus for the weed flora of Iran. *Rostaniha* 12 (1) : 93-94.
18. Pahlevani, A.H. and **Sajedi, S.** 2011. Alerting occurrence of several noxious weeds and invasive plant in arable lands in Iran. *Rostaniha*.12(2), 129-134.
19. **Sajedi, S.** and Amini-Rad, M., 2012. *Arabis carduchorum*, a new record from Iran. *Rostaniha*.13(2): 224-225.
20. **Sajedi, S.** and Amini-Rad, M., 2013. First report of *Bornmullera cappadocica* from Iran. *Rostaniha*.14(2):250-252.
21. Ghous, K., **Sajedi, S.**, Mirzaee, M.R. and Arazmjo, M. 2013 .First report of parasite dodder (*Cuscuta campestris*) *onnjube* trees (*Ziziphus jujuba*) from Iran. *Archives of Phytopathology and Plant Protection* 46(16): 2023.۲۰۲۴- [Recording *C. campestris* on *jujube* in Iran].
22. **Sajedi, S.**, Amini-Rad, M., 2014. The first report of the invasive plant *Araujia* from Iran. *Rostaniha*.15(1): 71-74.
23. Mirzaee, M.R. and **Sajedi, S.**, 2015, First confirmed report of white rust disease caused by *Albugo candida* on *Capsella bursa-pastoria* in Iran. *Journal of Plant Pathology*.
24. **Sajedi, S.**, Aliabadi, F. and Abbasi, M., 2015. 70th Anniversary of the Herbarium Iranici Agriculturae IRAN. *Rostaniha*.16(suppl. 1): 82-111.
25. Gholipour, A., **Sajedi, S.** and Amini Rad, M. 2016. Notes on *Silene chustupica*, a new record and occurrence of *S. dianthoides* in Iran replacing with *S. marcowiczii*. *Rostaniha* 17(2): 108-114.
26. Pahlevani, A.H., Amini-Rad, M. and **Sajedi, S.**, 2017. Trees and shrubs of Plant Protection Research Institute. Extension Publication by the Iranian Research Institute of Plant Protection Agricultural Research, Education & Extension Organization, Ministry of Jihad-e-Agriculture.
27. Amini-Rad, M. and **Sajedi, S.**, 2017. Atlas of weeds seeds Cyperaceae family in Iran 2017. Technical Publication by the Iranian Research Institute of Plant Protection Agricultural Research, Education & Extension Organization, Ministry of Jihad-e-Agriculture.
28. Amini-Rad, M., **Sajedi, S.**, Giannantonio D., 2017. First data on the taxonomic diversity of the *Portulaca oleraceae* aggregate (Portulacaceae) in Iran. *Turkish Journal of Botany*.41(5):535-541.
29. Amini-Rad, M., Minbashi, M., Takasi, S. and **Sajedi, S.**, 2017. Biology of *Eichhornia crassipes* and determination of distribution in Iran 2018. Extension Publication by the Iranian Research Institute of Plant Protection Agricultural Research, Education & Extension Organization, Ministry of Jihad-e-Agriculture.

30. Mirzaee, M.R. & Ploch, S. & Nigrelli, L. & **Sajedi, S.** & Thines, M. 2018. First confirmed report of white blister rust disease caused by *Albugo candida* on *Isatis emarginata*. Journal of Plant Pathology. 100 (3): 587.
31. **Sajedi, S.** 2019. First report of the *Commelina communis* from Iran. Rostaniha 20(2): 192-194.
32. Abbasi, A., Khodaparast, S.A., **Sajedi, S.**, Esmailzadeh-Hosseini, S.A. 2019. Additions to the powdery mildew fungi of Iran. Rostaniha 20(2): 158-172.
33. Dehshiri, M. M., **Sajedi, S.**, and Asri, Y., 2020. Investigating Species Diversity of Family Brassicaceae along Khorramabad-Andimeshk Highway. Iran. J. Appl. Ecol. 9:2 (31-44).
34. Darsaraei, H., Khodaparast, S.A., Takamatsu, S., Abbasi, M., Asgari, B., **Sajedi, S.**, Götz, M., Liu, S. Y., Feng, J., Bradshaw, M., Bulgakov, T., Brau, U. 2021. Phylogeny and taxonomy of the *Erysiphe adunca* complex (Erysiphaceae, Helotiales) on poplars and willows. 20: 517-537.
35. **Sajedi, S.**, Mehdi Minbashi Moeini, Masoumeh Younes Abadi, 2021, Report of several broomrape (*Orobanchae*) species as new parasitic weeds of rapeseed fields of Golestan and Ilam provinces in Iran, Iranian Journal of Weed Science 17:1 (87-97).
36. Darsaraei, H., Khodaparast, S. A., Mousanejad S., Asgari, B., Aliabadi, F., Sajedi, S., 2021, A taxonomic revision of *Erysiphe* sect. *Uncinula* (Erysiphaceae, Helotiales) in Iran, Mycologia Iranica 8(2):51–65
37. Darsaraei, H., Khodaparast, S.A., Mousanejad, S., Asgari, B. and **Sajedi, S.** 2024. Taxonomic update of *Erysiphe* sect. *Erysiphe* (Erysiphaceae, Helotiales) in Iran using DNA barcoding and phylogenetic analysis. Mycologia Iranica 11(1): 39–58.

Conference papers:

1. Mirzaee, M.R., **Sajedi, S.** and Doostali, E. 2013. *Allium ampeloprasum* L. var. *atroviolaceum* (Boiss.) Regel, a new host for *Leveillula taurica*. 1th Iranian Mycology Congress. Rasht, IRAN. 114.
2. Darvishniam M., Abbasi, M. and **Sajedi S.** 2011. A report on rust pests of Lorestan Province. The Twentieth Iranian Plant Pathology Congress. Shiraz, Iran. 14-17 Aug.
3. Mirzaee, M.R., Mosavi, S. G. R. and **Sajedi, S.** 2008. First report of White Rust of *Erysimum crassicaule* Boiss caused by *Albugo candida* from Iran. International Congress of Plant Scientists, Faisalabad, Pakistan. 21-24, Apr.
4. Ghaemi Kazerouni, E., Abbasi, M., Djvadi, S. B., **Sajedi, S.** and Rezaeei, S. 2008. A report of the pathogen fungi of th Fars Province. The Eighteenth Iranian Plant Pathology Congress. Hamedan, Iran. 24-27 Aug.
5. Salimi, **Sajedi, S.** 2005. Identification, density and phenology of dominant weeds of canola in Tehran Province. The 134th EWRS Symposium, Barry,

- Italy.
6. **Sajedi, S.** and Sharifnia, F. 2005. A revision of the genus *Isatis* (Brassicaceae) in Iran. XVII International Botanical Congress. Vienna, Austria, 17-23 Jul.
 7. Salimi, H., Ahmadi, M. A., Barjasteh A., Hatemi, S., Delghandi M., Fereidounpour M., Ghanbari Birkani, D., Narimani, V., Younesabadi, M., Nazer Kakhaki, H. N. and **Sajedi, S.** 2004. Identification, density and phenology of the weeds in rape seed farms of ten selected provinces of Iran. The Sixteenth Iranian Plant Pathology Congress. Tabriz, Iran. 28-01 Aug-Sep.
 8. Minbashi Moeini, M., Ahmadi, A., Abtali, Y., Esfandiari, H., Adim, H.,**Sajedi, S.**, Javadi, B., Moosavi, M., 2004. Weed mapping of irrigated wheat fields in Iran using GIS. Tabriz, Iran. 28-01 Aug-Sep.
 9. Sonboli, A. and **Sajedi, S.** 2001. Numeric taxonomy of *Aethionema* and *Thlaspi* in Iran. The Fifteenth National Biology Congress. Urumieh, Iran. 11-13 August.

Books:

1. **Sajedi, S.**, Flora of Iran. 2023; Research Institute of Forests and Rangelands.
2. Assadi, M., **Sajedi, S.**, Fakhr Ranjbar, H., Mirzadeh Vaghefi, S., Moazzeni, H., Khodashenas, M., Khosravi, A.R., Hatami, A., Mehrnia, M., Kaffash, Sh., Heidarnia, N., Sheidai, M., Heidari Rikan, M., Kavousi, K., Sonboli, A., Veiskarami, Gh. & Aminian, F.: Flora of Iran. 2017; Research Institute of Forests and Rangelands.
3. Amini Rad, M., **Sajedi, S.**, Flora of Iran. 2018; Research Institute of Forests and Rangelands.

Theses supervised:

1. Bio-systematic Study of the genus *Cardamine* in Iran. Abbasi., F. Alzahra University. 2011.
2. Morphological study of Arabidopsis and a preliminary study their alkaloids in Iran. Jafari, M. Payame Nour University. 2008.

Other achievements:

Letters of Appreciation awarded:

1. Letter of Appreciation from the Minister of Jihad-e-Agriculture, June 2014.
2. Letter of Appreciation from the Head of the IPPR, October 2017.
3. Letter of Appreciation from the Deputy Head of the IPPR, October 2017
4. Letter of Appreciation from the Head of Botany Research Section, IPPR, October 2012.
5. Letter of Appreciation from the Head of Botany Research Section, IPPR, March 2013.

Reviewer of the following journals/papers:

- *Phelipanche pouyani* (Orobanchaceae), a New Species from Iran, Nova Biologica Reperta. 2020.

- *Stipa richteriana* (Poaceae) and *Galium songaricum* (Rubiaceae): two new additions of the Central Asian species to the flora of Iran. 2019.

 - The Proceedings of the 23rd Plant Pathology Congress (12 papers). September 2018.

 - Seedling identification key of selected broadleaf and narrowleaf weeds. Extension publication. Iranian Research Institute of Plant Protection Agricultural Research, Education & Extension Organization. November 2017

 - Biosystematis study of *Fumaria* L. (Papaveraceae) Species in Iran. The Iranian Journal of Botany. 2012.

 - Tow new varieties record and a new variety of *Fumaria officinalis* subsp. *officinalis* (Papaveraceae) from Iran. The Iranian Journal of Botany. .2010

 - Pollen Morphology of the genus *Fumaria* L. (Papaveraceae) in Iran The Iranian Journal of Botany.2010.

 - Infra-specific variations of *Fumaria parviflora* (Papaveraceae) in Iran. The Iranian Journal of Botany.2010
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