۱) مشخصات فردی	
نام و نام خانوادگی: ابوالفضل نرمانی	**آخرین بروز رسانی:** ۱۴۰۳/۰۵/۳۰
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۲) تحصیلات				
مقطع تحصیلی	**رشته – گرایش**	**دانشگاه**	**سال شروع**	**سال خاتمه**
کارشناسی	گیاه‌پزشکی	دانشگاه تبریز	۱۳۸۶	۱۳۹۰
کارشناسی ارشد	بیماری شناسی گیاهی	دانشگاه تبریز	۱۳۹۰	۱۳۹۲
دکتری	بیماری شناسی‌گیاهی-قارچ‌شناسی	دانشگاه تبریز	۱۳۹۳	۱۳۹۸
عنوان پایان نامه کارشناسی ارشد **نام استاد راهنما**	شناسایی گونه‌های *Phaeoacremonium* همراه با بیماری اسکا مو در استان آذربایجان‌شرقی و تعیین تیپ‌های آمیزشی بین جدایه‌های گونه *Phaeoacremonium aleophilum* **دکتر مهدی ارزنلو - دکتر اسدالله بابای اهری**			
عنوان پایان نامه دکتری **نام استاد راهنما**	جداسازی و شناسایی متابولیت‌های با ویژگی‌های بالقوه ضدمیکروبی قارچ‌های اندوفیت مرتبط با گونه‌های درختی در جنگل‌های حاتم‌بیگ و فندقلو **دکتر مهدی ارزنلو – دکتر اسدالله بابای اهری – دکتر مارک استادلر**			
فرصت مطالعاتی	دوره یکساله در دپارتمان داروهای میکروبی موسسه هلم‌هولتز کشور آلمان			

۳) فعالیت‌های فناورانه	
۱	موسس و عضو هیات مدیره شرکت دانش بنیان آوانو زیست سهند از سال ۱۴۰۱
۲	مدیر تحقیق و توسعه شرکت دانش بنیان آوانو زیست سهند از سال ۱۴۰۱

۴) عناوین و افتخارات برجسته	
۱	کسب جایزه جذب به عنوان هیئت علمی بنیاد ملی نخبگان (جایزه شهید شهریاری) در سال ۱۴۰۰
۲	دریافت اولین دوره جایزه علمی پروفسور کرامت الله ایزدپناه در رشته بیماری شناسی گیاهی - ۱۳۹۹
۳	دریافت جایزه ملی البرز (نوبل ایرانی) در سال۹۷
۴	برگزیده جشنواره جایزه بزرگ دانشجویی دانشگاه‌های استان آذربایجان شرقی (جایزه دکتر علی پولاد) در سال ۹۷
۵	انتخاب رساله دکتری برتر از طرف انجمن قارچ شناسی ایران و دریافت حمایت انجمن قارچ شناسی ایران در سال ۹۷
۶	دانشجوی نمونه دانشگاه تبریز در گروه عمده کشاورزی و دامپزشکی در سال ۹۶
۷	دانشجوی نمونه فرهنگی دانشگاه تبریز در سال ۹۷
۸	دو مقام برگزیده کشوری در جشنواره ملی حرکت به عنوان دبیر انجمن علمی گیاه پزشکی
۹	رتبه اول ورودی در هر سه مقطع کارشناسی، کارشناسی ارشد و دکتری
۱۰	مشمول جوایز بنیاد ملی نخبگان در چند دوره



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Education

Postdoctoral researcher: University of Tabriz, Iran, Plant Pathology-Mycology, September 2019 – September 2022.

Project Title: Monitoring, identification and management of grapevine trunk pathogens in the northwest of Iran.

Ph.D. University of Tabriz, Iran, Plant Pathology-Mycology, September 2014 – July 2019 (Spend one-year research opportunity at Helmholtz Centre for Infection Research, Microbial Drugs department, Germany, August 2017 – August 2018).

Thesis Title: Isolation and the characterization of novel fungal metabolites with potential antimicrobial properties**.**

M.Sc. University of Tabriz, Iran, Plant Pathology, September 2011 – January 2014**.**

Thesis Title: Identification of the *Phaeoacremonium* spp. associated with grapevine esca disease in East Azerbaijan province and characterization of the mating types among the *Phaeoacremonium aleophilum* isolates**.**

B.Sc. University of Tabriz, Plant Protection, September 2007- September 2011.

Honors

1. Receive **National Award for Faculty Recruitment in Universities** in 2022 from Iranian National Elites Foundation.
1. Receive **Keramatollah Izadpanah national award** in 2021 in the field of Plant Pathology in Iran.
2. Receive **Iranian Alborz foundation national award** in 2019 as elite student in Iran.
3. Receive **Ali Poulad award** in East Azerbaijan province in 2019 as elite student in Iran.
4. Elected as elite student of university of Tabriz in 2017 and 2018.
5. Receive bursary fund of our Ministry of Science, Research and Technology (MSRT) and Spend one-year research opportunity under Marc Stadler supervision at Helmholtz Centre for Infection Research, Microbial Drugs department, Germany.
6. One of the top ten students of national university entrance exam for Ph.D. (Plant Pathology-Mycology) (2014).
7. One of the top ten students of national university entrance exam for M.Sc. (Plant Pathology) (2011).

Membership

2. Iranian National Elites Foundation
3. Talent student's office of University of Tabriz.
4. Iranian Mycological Society.

Research Skills

1. **Molecular Biology & Molecular Phylogeny**: Basic molecular techniques including: DNA extraction, DNA sequencing, primer designing for conventional assays, PCR techniques, molecular markers, DNA and Protein phylogeny.
2. **Plant pathology**: Classical and advanced methods in detection and management of pests.
3. **Mycology**: Systematics and evolution of ascomycetes and mitosporic fungi based on morphology, molecular and chemotaxonomic data.
4. **Biological control**: Classical and advanced methods in biocontrol of Pathogenic fungi, bacteria, insects and … (*in vitro* and *in vivo*).
5. **Natural product**: Fermentation, metabolites extraction and basic chromatography techniques.
6. **Chemotaxonomy**: Extraction and evaluation of chemotaxonomic biomarkers in fungi.
7. **Bioassay:** A wide range of bioassay against filamentous fungi, yeast fungi, bacteria, viruses, plant cells, insects and human cells (*in vitro* and *in vivo*).
8. **Genetic diversity in microorganisms**

Implementation of the research projects

1. Inhibitory effect of *Trichoderma* isolates on growth of *Phaeacremonium aleophilum*, the main causal agent of esca disease on grapevine.
2. Biological control of fusarium head blight of wheat using antagonistic *Trichoderma* Species isolated from the rhizosphere of wheat.

Cooperation in research projects as a colleague

1. Monitoring of pests and diseases of forests and pastures of Arsbaran region.
2. Evaluation of the efficacy of some biological and chemical fungicides against fungal causal agents of root and basal rot of onion in East-Azarbaijan
3. Evaluation of non-chemical compounds against oomycetous causal agents of root and collar rot of tomato produced in East-Azarbaijan
4. Investigation on the efficacy of Miravis Duo SC200 fungicide against Podosphaera leucotricha the pathogen of apple powdery mildew disease.

Books

1. Translation of "*Fusarium Laboratory Manual*" from english to persian.
2. Compiling and writing a book entitled "*Sustainable Management of Soil borne Diseases*" in persian.

Publications (Full papers)

1. Ayari, M., **Narmani, A**., Arzanlou, M. 2024. Phenotypic and molecular caharcterization of *Trichocladium solani*, the causal agent of yellow rot disease of potato tubers in Iran. ***Journal of Applied Research in Plant Protection***, 13(2), pp. 205-217. (In Persian with English abstract).
2. Mahdizadeh, Z., **Narmani, A**., Arzanlou, M. 2023. Phenotypic and molecular characterization of *Quambalaria cyanescens* from walnut kernels infested with codling moth (Cydia pomonella) in Iran, ***Mycologia Iranica***, 10(2), pp. 131-140.
3. **Narmani, A**., Karimi, K. and Arzanlou, M., 2024. *Sporothrix ranii*, a new wood-inhabiting fungus associated with palm trees in Iran. ***Rostaniha***.
4. Kianfé, B.Y., Tchamgoue, J., **Narmani, A**., Teponno, R.B., Njouonkou, A.L., Stadler, M. and Fogue Kouam, S., 2023. Bioactive Secondary Metabolites from Fungi of the Genus *Cytospora* Ehrenb.(Ascomycota). ***Molecules***, *28*(7), p.3120.
5. Chenari Bouket, A., **Narmani, A**., Sharifi, K., Naeimi, S., Afshar Mogaddam, M.R., Hamidi, A.A., Luptakova, L., Alenezi, F.N. and Belbahri, L., 2023. Semi-VOCs of Wood Vinegar Display Strong Antifungal Activities against Oomycete Species *Globisporangium ultimum* and *Pythium aphanidermatum*. ***Microbiology Research***, *14*(1), pp.371-389.
6. Bouket, A.C., **Narmani, A**., Tavasolee, A., Elyasi, G., Abdi, A., Naeimi, S., Sharifi, K., Oszako, T., Alenezi, F.N. and Belbahri, L., 2022. In Vitro Evaluation of Wood Vinegar (Pyroligneous Acid) VOCs Inhibitory Effect against a Fungus-like Microorganism *Ovatisporangium* (*Phytopythium*) Isolate Recovered from Tomato Fields in Iran. ***Agronomy***, *12*(7), p.1609.

7. Babadi, Z.K., **Narmani, A**., Ebrahimipour, G.H. and Wink, J., 2022. Combination and improvement of conventional DNA extraction methods in Actinobacteria to obtain high-quantity and high-quality DNA. ***Iranian Journal of Microbiology***, *14*(2).
8. Abed-Ashtiani, F., Arzanlou, M. and **Narmani, A**., 2022. Efficacy of PLANT TONIC9 (EOX-SOV) against certain plant pathogenic fungi. ***Archives of Phytopathology and Plant Protection***, pp.1-23.
9. Primahana, G., **Narmani, A**., Surup, F., Teponno, R.B., Arzanlou, M. and Stadler, M., 2021. Five Tetramic Acid Derivatives Isolated from the Iranian Fungus *Colpoma quercinum* CCTU A372. ***Biomolecules***, *11*(6), p.783.
10. Ahmadi, N., Arzanlou, M. and **Narmani, A**., 2021. Molecular phylogeny and morphology differentiate a new *Neosetophoma* species from Iran. *Nova* ***Hedwigia***, pp.383-397.
11. Mirzaei, M., Babai-Ahari, A., **Narmani, A.** and Arzanlou, M., 2021. Genetic diversity among *Sphaerulina frondicola* populations, the causal agent of poplar leaf spot disease in East Azarbaijan Province using RAPD and ISSR molecular markers. ***Journal of Applied Research in Plant Protection,*** *9*(4), pp.1-15. (In Persian with English abstract).
12. Khosravi Babadi, Z., Ebrahimipour, G., Wink, J., **Narmani, A**. and Risdian, C., 2021. Isolation and identification of *Streptomyces* sp. Act4Zk, a good producer of Staurosporine and some derivatives. ***Letters in Applied Microbiology***, *72*(2), pp.206-218.
13. Anoumedem, E.G.M., Mountessou, B.Y.G., Kouam, S.F., **Narmani, A**. and Surup, F., 2020. Simplicilones A and B isolated from the endophytic fungus *Simplicillium subtropicum* SPC3. ***Antibiotics***, *9*(11), p.753.
14. Davari, M., Alihosseinzadeh-Moghaddam, F. and **Narmani, A**., 2020. Characterization of fungal agents associated with black locust dieback and decline in Ardabil city. ***Journal of Applied Research in Plant Protection***, *9*(3), pp.47-57. (In Persian with English abstract).
15. Bakhshi, M., Zare, R., Arzanlou, M. and **Narmani, A**., 2020. Occurrence of *Cercospora* leaf spot disease on *Cucumis melo* in Guilan province and characterization of the causal agent (s) using molecular and morphological approaches. ***Iranian Journal of Plant Pathology***, *56*(1), pp.17-31. (In Persian with English abstract).
16. Macabeo, A.P.G., Cruz, A.J.C., **Narmani, A.,** Arzanlou, M., Babai-Ahari, A., Pilapil, L.A.E., Garcia, K.Y.M., Huch, V. and Stadler, M., 2020. Tetrasubstituted α-pyrone derivatives from the endophytic fungus, *Neurospora udagawae*. ***Phytochemistry Letters***, *35*, pp.147-151.
17. **Narmani, A**., Teponno, R.B., Helaly, S.E., Arzanlou, M. and Stadler, M., 2019. Cytotoxic, anti-biofilm and antimicrobial polyketides from the plant associated fungus *Chaetosphaeronema achilleae*. ***Fitoterapia***, *139*, p.104390.
18. **Narmani, A.,** Arzanlou, M., Babaiahari, A. and Masteri Farahani, H., 2019. Biological control of wheat *fusarium* head blight using antagonistic strains of commercial and local *Trichoderma*, isolated from wheat plant rhizosphere. ***Journal of Applied Research in Plant Protection***, *8*(2), pp.1-20. (In Persian with English abstract).

19. **Narmani, A**. and Arzanlou, M., 2019. *Quambalaria cyanescens*, a new fungal trunk pathogen associated with grapevine decline in Iran. ***Crop Protection***, *124*, p.104875.
20. Ghasemi Esfahlan, S., Arzanlou, M., Babayahri, A., Torbati, M. and **Narmani, A**., 2019. Morphological and molecular characterization of endophytic fungi from oak trees in Arasbaran forests. ***Journal of Applied Research in Plant Protection***, *8*(1), pp.1-17. (In Persian with English abstract).
21. Karimi, K., **Narmani, A**., Pertot, I. and Arzanlou, M., 2019. Rapid and easy modified plate-based screening methods for quantitative and qualitative detection of protease production by Fungi. ***Acta Phytopathologica et Entomologica Hungarica***, *54*(1), pp.1-8.
22. Abed-Ashtiani, F., **Narmani, A.** and Arzanlou, M., 2019. Analysis of *Kalmusia variispora* associated with grapevine decline in Iran. ***European Journal of Plant Pathology***, *154*(3), pp.787-799.
23. **Narmani, A**., Teponno, R.B., Arzanlou, M., Surup, F., Helaly, S.E., Wittstein, K., Praditya, D.F., Babai-Ahari, A., Steinmann, E. and Stadler, M., 2019. Cytotoxic, antimicrobial and antiviral secondary metabolites produced by the plant pathogenic fungus *Cytospora* sp. CCTU A309. ***Fitoterapia***, *134*, pp.314-322.
24. Surup, F., **Narmani, A**., Wendt, L., Pfütze, S., Kretz, R., Becker, K., Menbrivès, C., Giosa, A., Elliott, M., Petit, C. and Rohde, M., 2018. Identification of fungal fossils and novel azaphilone pigments in ancient carbonised specimens of *Hypoxylon fragiforme* from forest soils of Châtillon-sur-Seine (Burgundy). ***Fungal Diversity***, *92*(1), pp.345-356.
25. **Narmani, A**., Arzanlou, M. and Babei Ahrai, A., 2018. Antagonistic Effect of Endophytic and Commercial Trichoderma Isolates on *Phaeoacremonium minimum*, the Causal Agent of Leaf Stripe Disease of Grapevine. ***Journal of Applied Research in Plant Protection***, *7*(1), pp.151-169. (In Persian with English abstract).
26. **Narmani, A**., Pichai, S., Palani, P., Arzanlou, M., Surup, F. and Stadler, M., 2019. *Daldinia sacchari* (Hypoxylaceae) from India produces the new cytochalasins Saccalasins A and B and belongs to the D. eschscholtzii species complex. ***Mycological Progress***, *18*(1), pp.175-185.
27. **Narmani, A**., Teponno, R.B., Arzanlou, M., Babai-Ahari, A. and Stadler, M., 2018. New secondary metabolites produced by the phytopathogenic fungus *Wilsonomyces carpophilus*. ***Phytochemistry Letters,*** *26*, pp.212-217.
28. Farnaz, A.A., **Narmani, A**. and Arzanlou, M., 2018. *Macrophomina phaseolina* associated with grapevine decline in Iran. ***Phytopathologia Mediterranea***, *57*(1), pp.107-111.
29. Safavi, S.A., Afshari, F., Arzanlou, M. and **Narmani, A**., 2017. First report of hybridization between two Formae speciales *puccinia striiformis* f. sp. *hordei* and *Puccinia striiformis* f. sp. *tritici* in Iran. ***Journal of Plant Pathology***, *99*(3).
30. Arzanlou, M. and **Narmani, A**., 2017. Outbreak of powdery mildew caused by *Sawadaea negundinis* on boxelder in Iran. ***Forest Pathology***, *47*(6), p.e12371.

31. **Narmani, A**. and Arzanlou, M., 2017. Grapevine Esca Disease. ***University of Yasouj Journals System Plant Pathology Science***, *6*(1), pp.12-21. (In Persian with English abstract).
32. Arzanlou, M. and **Narmani, A**. 2017. First appearance of smut disease on woodland tulip, *Tulipa sylvestris*, in Iran. ***Plant Pathology and Quarantine,*** *7* (1): 48-51.
33. Arzanlou, M., Torbati, M. and **Narmani, A**., 2017. *Podosphaera clandestina* causes powdery mildew on sour cherry in Iran. ***Australasian Plant Disease Notes***, *12*(1), p.6.
34. Arzanlou, M. and **Narmani, A**., 2016. Genetic diversity in Iranian populations of *Togninia minima*, one of the causal agents of leaf stripe disease on grapevines. ***Eurasian Journal of Biosciences***, *10*(1), pp.41-50.
35. **Narmani, A.,** Arzanlou, M. and Babai-Ahari, A., 2016. Uneven Distribution of Mating-Type Alleles Among *Togninia minima* Isolates, One of the Causal Agents of Leaf Stripe Disease on Grapevines in Northwest Iran. ***Journal of Phytopathology***, *164*(7-8), pp.441-447.
36. Arzanlou, M. and **Narmani, A**., 2015. ITS sequence data and morphology differentiate *Cytospora chrysosperma* associated with trunk disease of grapevine in northern Iran. ***Journal of Plant Protection Research***, *55*(2), p.117.
37. Arzanlou, M. and **Narmani, A**., 2014. Multiplex PCR for specific identification and determination of mating type in *Togninia minima* (anamorph *Phaeoacremonium aleophilum*), a causal agent of esca disease of grapevine. ***Phytopathologia Mediterranea***, pp.240-249.
38. **Narmani, A**., Arzanlou M and Babai-Ahari, A. 2014. Induction of sexual reproduction and determination of mating types in *Phaeoacremonium aleophilum*, the causal agent of esca disease of grapevine in East Azerbaijan province. ***Iranian Journal of Plant Pathology,*** *50* (3),pp. 281–289. (In Persian with English abstract).
39. Arzanlou, M., Khodaei, S., **Narmani, A**., Babai-Ahari, A. and Azar, A.M., 2014. Inhibitory effect of Trichoderma isolates on growth of *Alternaria alternata*, the causal agent of leaf spot disease on sunflower, under laboratory conditions. ***Archives of Phytopathology and Plant Protection***, *47*(13), pp.1592-1599.
40. Arzanlou, M., **Narmani, A**., Khodaei, S. and Moshari, S., 2014. Pome and stone fruit trees as possible reservoir hosts for *Phaeoacremonium* spp., the causal agents of grapevine esca disease, in Iran. ***Archives of Phytopathology and Plant Protection***, *47*(6), pp.717-727.
41. Arzanlou, M., **Narmani, A**., Moshari, S., Khodaei, S. and Babai-Ahari, A., 2013. *Truncatella angustata* associated with grapevine trunk disease in northern Iran. ***Archives of Phytopathology and Plant Protection***, *46*(10), pp.1168-1181.

Oral and Poster Presentations

1. **Narmani A**. (2022). Fungal natural products, a promising source for discovery of anti-biofilm compounds. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (**Oral Presentation**).
2. Hanifeh S, Zafari D, **Narmani A**. (2022).Study and identification of endophytic fungi of apple trees in Iran with introduction of new records. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (**Oral Presentation**).
3. Talebi A.R, Mehrparvar A. Arzanlou M. **Narmani A**. (2022). Identification of fungi using Deep Neural Network. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (**Oral Presentation**).
4. Moshtari A, **Narmani A,** Arzanlou M, Mahdizadeh Z, Teimuri-Mofrad R. (2022). Evaluation and screening of fungal species isolated from extreme environments in terms of hydroxamate siderophore production. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).
5. Biabani S, Niknam G, Karimzadeh R, **Narmani A**, Karimpour E. (2022). The first report of *Scytalidium* sp. from the naturally infected eggs and cyst shell of cereal cyst nematode (*Heterodera filipjevi*). 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).
6. Mohammadzade Y, Davari M, Arzanlou M, **Narmani A**. (2022). First report of *Cytospora pruinosa* on Populus nigra from Iran and the world. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).
7. Salimzadeh M, Hatef H, **Narmani A**, Mahdizadeh Z, Kalantari Z, Farshbaf M, Mehrabioon-Mohamadi M, Tarkhani M, Arzanlou M. (2022). Evaluation of some growth characteristics of safflower (*Carthamus tinctorius* L.) in treatment with several local isolates of *Trichoderma* spp. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).
8. Baghbani Mehmandar F, Arzanlou1 M, **Narmani1 A**. (2022). Characterization of mycelial compatibility groups (MCGs) in populations of *Sclerotinia minor* from sunflower fields in East Azarbaijan province. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).
9. Salimzadeh M, Arzanlou M, **Narmani A**, Hatef H, Rabbaninasab H. (2022). First report on the occurrence and pathogenicity of *Colletotrichum theobromicola* on pomegranate (*Punica granatum*) in Iran. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).
10. **Narmani A**, Abed M, Arzanlou M. (2022). Identification of endophytic and Rhizospheric fungi of alfalfa (*Medicago sativa* L.) with biocontrol potential in selected alfalfa fields in East Azerbaijan province. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).
11. Farshbaf M, Davari M, Arzanlou M, **Narmani A**. (2022). Identification of some endophytic fungi of yew trees (*Taxus baccata* L.) in East Azerbaijan province. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).

12. Ayari M, Arzanlou M, **Narmani A**. (2022). Isolation and identification of biocontrol agents from the rhizosphere and roots of Solanaceae plants in East Azerbaijan province. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).
13. Hatef H, Mahdizadeh Z**, Narmani A**, Salimzadeh M, Arzanlou M. (2022). Incidence and pathogenicity of *Botryosphaeria dothidea* on Cherry trees (*Prunus avium* L.) in Iran. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).
14. Mahdizadeh Z, Arzanlou M, **Narmani A**. (2022). First occurrence of *Quambalaria cyanescens* on walnut fruits infested with codling moth larvae. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).
15. **Narmani A,** Hamedi S, Arzanlou M. Karimi K. (2022). Isolation and identification of the endophytic fungi from the root, stem and seed of the Camelthorn (*Alhagi maurorum*) in selected regions of East Azerbaijan province. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).
16. **Narmani A.** Arzanlou M, Naderi Ajirlo H. (2022). First report on the occurrence and pathogenicity of *Rhizoctonia solani* AG4-HG-I on watermelon in the world. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).
17. Tarkhani M, Arzanlou M, **Narmani A.** (2022). Identification of some endophytic fungi of pistachio trees (*Pistacia vera* L.) in East Azarbaijan province. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).
18. Ghasemi-Esfahlan S, Mohebbi S.H, Hemmati R, Arzanlou M, **Narmani A**. (2022). Investigation of some metabolites produced by endophytic fungi of grapevine in Zanjan Province. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).
19. Amiri F, Arzanlou M, **Narmani A**. (2022). Evaluation of the role of cuttings and vineyards soil in the transmission of predominant fungal agents involved in grapevine decline disease in the Malekan county. 5th Iranian Mycology Congress. August 2022. Tabriz. Iran. (Poster Presentation).
20. **Narmani A**, Teponno RB, Arzanlou M, Babai-Ahari A, Stadler M. (2019). Introducing novel secondary metabolites with antimicrobial, anti-cancer, anti-viral, anti-biofilm and nematicidal properties fromfungi. 4th Iranian Mycology Congress. August 2019. Sari. Iran. (**Oral Presentation**).
21. Samiee M, Davari M, **Narmani A**. (2019). Identification of some fungi associated with turfgrass leaf spot in Ardabil greenspace. 4th Iranian Mycology Congress. August 2019. Sari. Iran. (Poster Presentation).
22. **Narmani A**, Teponno RB, Arzanlou M, Babai-Ahari A, Stadler M. (2018). Isolation and characterization of novel secondary metabolites with antimicrobial and anti-cancer properties from plant pathogenic fungus, *Cytospora* sp. 23th Iranian Plant Protection Congress. August 2018. Gorgan. Iran. (**Oral presantation**).
23. Arzanlou M., **Narmani A**., Majidiani S., Eghbali S., Farshbaf Pour Abad R. (2017). Phenotypic and molecular characterization of *Purpureocillium lilacinum* from naturally infected cotton boll worm (*Heliothis armigera*) larvae in Iran and evaluation

of its biocontrol potential under laboratory condition. 6th Entomopathogens and Microbial control congress (Oral presantation).

24. **Narmani A**., Arzanlou M. (2017). First report of the occurrence and pathogenicity of *Quambalaria cyanescens* on grapevines. 3rd Iranian Mycology Congress. August 2017. sanandaj. Iran. (Poster Presentation).
25. Arzanlou M., **Narmani A**., Hasanpour N. (2017). Incidence and pathogenicity of *Lasiodiplodia theobromae* on plane tree (*Platanus orientalis* L.) in Iran. 3rd Iranian Mycology Congress. August 2017. sanandaj. Iran. (Poster Presentation).
26. Mehrabioon-Mohammadi M., Arzanlou M., Khodaei S., **Narmani A**. (2017). First report of *Phaeoacremonium fraxinopennsylvanicum* on Ash tree in Iran. 3rd Iranian Mycology Congress. August 2017. sanandaj. Iran. (Poster Presentation).
27. Sakenbonab A., Arzanlou M., Ahmadi N., **Narmani A**., Davari M. (2017). Iidentification of *Cytospora* species associated with canker and decline symptoms on peach and nectarine trees in the Shabestar region, East Azarbaijan province. 3rd Iranian Mycology Congress. August 2017. sanandaj. Iran. (Poster Presentation).
28. Ahmadi N., **Narmani A**., Leghvani M., Arzanlou M. (2017). Antimicrobial activity of *Stigmina carpophila* metabolites. 3rd Iranian Mycology Congress. August 2017. sanandaj. Iran. (Poster Presentation).
29. **Narmani A**., Arzanlou M., Babai Ahari A., Hatef H., ghasemi S. (2016). First report of fungal soft rot disease on cacti caused by *Fusarium proliferatum* on *cactus (Echinopsis chamaecereus)* in the world. 22th Iranian Plant Protection Congress. August 2016. Tehran. Iran. (Poster Presentation).
30. **Narmani A**., Arzanlou M., Kazemi F., Karimzadeh R. (2016). First report of *Cladosporium cladosporioides* on Alfalfa weevil larvae (*Hypera postica*) in the world. 22th Iranian Plant Protection Congress. August 2016. Tehran. Iran. (Poster Presentation).
31. Rashidaghdam A., Babai-Ahari A., Arzanlou M., **Narmani A**. (2016). First report on occurrence of *Cryptosphaeria pullmanensis* on poplar trees in Iran. 22th Iranian Plant Protection Congress. August 2016. Tehran. Iran. (Poster Presentation).
32. Rashidaghdam A., Babai-Ahari A., Arzanlou M., **Narmani A**., Karimi K. (2016). Antimicrobial activity of metabolites produced by *Cytospora* spp. 22th Iranian Plant Protection Congress. August 2016. Tehran. Iran. (Poster Presentation).
33. **Narmani A**, Arzanlou M, Babai-Ahari A. (2015)**.** Genetic diversity in populations of *Togninia minima*, one of the causal agents of esca disease on grapevines in northwest region of Iran. Second Iranian Mycology Congress. August 2015. Tehran. Iran. (Poster Presentation).
34. Arzanlou M., **Narmani A**. (2015). Pathogenic potential of several species of *Phaeoacremonium* on model insect, *Galleria mellonella*. Second Iranian Mycology Congress. August 2015. Tehran. Iran. (Poster Presentation).
35. Mirzayi M., Babai-Ahari A., Arzanlou M., **Narmani A**. (2015). Assessment of genetic diversity in the population of the species *Septoria populi* in the North West of Iran using molecular markers. Second Iranian Mycology Congress. August 2015. Tehran. Iran. (Poster Presentation).

36. Safavi S., Babai-Ahari A., Afshari F., **Narmani A**. (2014). Virulence of p.s hordei on some wheat differentials and triticale in Iran: Is this due to hybridization between two formae speciales? International Wheat Stripe Rust Symposium. Izmir, Turkey. (Poster Presentation).
37. **Narmani A**, Arzanlou M, Babai-Ahari A. (2014**).** Distribution of mating type alleles in populations of *Togninia minima* in the vineyards of East Azarbaijan province. 21th Iranian Plant Protection Congress. August 2014. Urmia. Iran. (Oral Presentation).
38. Arzanlou M., **Narmani A**. (2013). PCR assay with MAT1-2 primer for determination of mating type applied to *Phaeoacremonium alephlium*, the causal agent of esca disease on grapevines First Iranian Mycology Congress. August 2013. Gilan. Iran. (Oral Presentation).
39. Arzanlou M., **Narmani A**. (2013). Molecular identification *Phaeoacremonium aleophilum*, the causal agent of esca disease on grapevines using primers designed based on the *β-tubulin* gene. First Iranian Mycology Congress. August 2013. Gilan. Iran. (Poster Presentation).
40. Arzanlou M., **Narmani A**., Khodaei S. (2013). First report of pathogenicity of *Phaeoacremonium iranianum* on apple trees in the world and the first report of pathogenicity of *Phaeoacremonium aleophilum* on apple and apricot trees in Iran. First Iranian Mycology Congress. August 2013. Gilan. Iran. (Poster Presentation).
41. **Narmani A**., Davari M., Arzanlou M., Babai-ahari A., Khodaei S. (2012). *Phoma typhina* causal agent of leaf spot on *Typha latifolia* in Iran. 20th Iranian Plant Protection Congress. August 2012. Shiraz. Iran. (Poster Presentation).

Conference (full paper)

42. Samiee M., Davari M., Narmani A. (2019). Identification of some Fusarium species associated with turfgrass crown and root rot in Ardabil greenspace. 2nd International and 6th National Iranian Congress on Organic vs. Conventional Agriculture, August 2019, Ardabil, Iran.
43. Samiee M., Davari M., Narmani A. (2019). First report of two species of Cladosporium associated with turfgrass leaf spot. 2nd International and 6th National Iranian Congress on Organic vs. Conventional Agriculture, August 2019, Ardabil, Iran.
44. Salehzade M., lotfi F., **Narmani A**. (2016). Phytoremediation of heavy metal by plant growth promoting bacteria. 2nd international conference on sustainable development, strategies & challenge, Febury 2016, Iran.

Experience as journal reviewer

Engaged in peer review processes for 25 journals (over a hundred review).

Journals list		
Journal of Fungi	Biology	Pathogens
Fungal Ecology	Metabolites	International Journal of Molecular Sciences
Forests	Frontiers in Microbiology	Archives of Phytopathology and Plant Protection
Biomolecules	Microbial Ecology	Agriculture
Scientific reports	Molecules	Journal of Applied Research in Plant Protection
Horticulturae	Microorganisms	Iranian Journal of Plant Pathology
Plant	Fungal Biology	Journal of Research on Archaeometry
Agronomy	Sydowia	Journal of BioControl in Plant Protection
Rostaniha		

H-index

H-index based Google Scholar = **13**

H-index based on *Web of Science*™, Scopus and Mendeley = **11**

Membership in the guidance committee for PhD theses at the University of Tabriz 2022–2024.

1. Species diversity, genetic structure and mating types dtermination of *Sclorotinia* species in sunflower fields of East and West Azarbaijan provinces. // University of Tabriz

2. Biodiversity and phylogeny of *Trichoderma* spp. in the rhizosphere soils of vegetation in East Azarbaijan province using morphological and molecular data. // University of Tabriz

3. Rapid identification and detection of Cercospora beticola causal agent of sugarbeet cercospora leaf spot using molecular methods and biological control of the disease

using antagonistic endophytic microbial agents of sugar beet under greenhouse conditions // University of Tabriz

Membership in the guidance committee for master theses at the University of Tabriz and University of Mohaghegh Ardabili, Iran, 2019–2024.

1. Identification of some pathogenic fungi on turfgrass in Ardabil greenspace. / MSc / University of Mohaghegh Ardabili
2. Identification of endophytic fungi of alfalfa with biocontrol potential in selected alfalfa fields in East Azarbaijan province. / MSc / University of Tabriz
3. Identification of fungal agents involved in watermelon wilt disease in Ardabil province. / MSc / University of Tabriz
4. Isolation and identification of the endophytic fungi from the root, stem and seed of the Camelthorn plant in the East Azerbaijan province. / MSc / University of Tabriz
5. Identification and pathogenicity of fungal agents associated with almond foamy canker disease in East Azarbaijan Province. / MSc / University of Tabriz
6. Evaluation of the role of cuttings and vineyards soil in the transmission of predominant fungal agents involved in grapevine decline disease in the Malekan County. / MSc / University of Tabriz
7. Identification of fungal species involved in sunflower crown rot disease in Marand city and evaluation of the possibility of biological control of the dominant fungal species involved in disease development using local antagonist fungal agents. / MSc / University of Tabriz
8. Isolation and characterization of endophytic fungi from common yew (*Taxus baccata*) in Arasbaran forests and evaluation of their antimicrobial potential. / MSc / University of Mohaghegh Ardabili
9. Comparison of nematicidal activity of some fungal metabolites and *Foeniculum vulgare* essential oil against *Ditylenchus dipsaci* under laboratory condition / MSc / University of Tabriz
10. Comparison of the nematicidal activity of several fungal metabolites, essential oil of black cumin plant and metam sodium against the nematode *Aphelenchoides besseyi* in laboratory conditions / MSc / University of Tabriz
11. Identification of fungal agents related to grapevine trunk diseases in the vineyards of Sardasht region and evaluation of the endophytic potential of *Trichoderma* species in grapevine cuttings / MSc / University of Tabriz
12. Screening the biocontrol properties of antagonistic fungi living in the rhizosphere of solanaceous plants in Sarab region and evaluating their endophytic potential in potato. / MSc / University of Tabriz

13. Identification and pathogenicity of the fungal species associated with dieback and canker disease of pistachio trees in East Azarbaijan province. / MSc / University of Tabriz

14. Species diversity, genetic structure and mating types dtermination of *Sclorotinia* species in sunflower fields of East and West Azarbaijan provinces. /MSc/ University of Tabriz

15. Biodiversity and phylogeny of *Trichoderma* spp. in the rhizosphere soils of vegetation cover in East Azarbaijan province using morphological and molecular data. / PhD / University of Tabriz.

16. Characterization of yeast species associated with wet wood disease of elm trees in Tabriz metropolis and evaluation of their biocontrol properties against the causal agent of Dutch elm death disease. / PhD / University of Tabriz.

17. Screening of endophytic fungi with antimicrobial properties from forest trees and evaluating the antimicrobial potential of their secondary metabolites on some plant pathogenic fungi. / MSc / University of Tabriz.
18. Detection and identification of *Cercospora beticola*, the causative agent of cercospora leaf spot disease of sugar beet using molecular methods and biological control of the causative agent of the disease using endophytic microbial antagonist of sugar beet in greenhouse conditions. /PhD/ University of Tabriz

Volunteer and Community Service Activity

1. The main member of the executive staff of the 5th Congress of Mycology of Iran, 2022.
2. Close cooperation with the scientific committee of the 5th Congress of Mycology of Iran, 2022.
3. Director-in-Charge of student journal *Plant Protection Knowledge*. 2014-2019.
4. Holding educational workshops for the dissemination of science.