Faculty Members Website
University of Tabriz

Nosratollah Najafi

Professor

College: Agriculture

Education

Degree	Graduated in	Major	University
BSc	1996	Soil Science	University of Tabriz
MSc	1999	Soil Science-Soil Chemistry and Fertility	University of Tehran
Ph.D	2006	Soil Chemistry and Fertility□Plant Nutrition	University of Tehran

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
University of Tabriz	Professor	Tenured	Full Time	

Papers in Conferences

1. Kashi S.M., Alizadeh Ajirlo S. and Najafi N،The effect of irrigation with treated sewage effluent on growth indices of several ground cover plants،The Fourth National Conference on Deficit Irrigation and the Use of Non-conventional Water for Agriculture in Dry Regions "New Technologies Approach in Wastewater Treatment،۲۰۲۳.
2. Mahmoudi H., Aliasgharzad N., Sarikhani M.R., Najafi N., and Khoshru B،Inoculation of Glomus versiforme in clover and evaluation some of colonization indices in different substrates،۱۷th Iranian Soil Science Congress،۲۰۲۱.
3. Mahmoudi H., Aliasgharzad N., Sarikhani M.R., Najafi N., and Khoshru B،Inoculation of Glomus versiforme in clover and evaluation some of physiological indicators in different substrates،۱۷th Iranian Soil Science Congress،۲۰۲۱.
4. Abdolmaleki E., Najafi N., Reyhanitabar A،Effects of sewage sludge-derived hydrochar and nitrogen on leaf chlorophyll index, leaves number and ash content of rice and pH and EC of a Cu-spiked soil under greenhouse conditions،۱۶th Iranian Soil Science Congress،۲۰۱۹.
5. Faryadi M., Reyhanitabar A., Najafi N., Oustan S،Effects of different biochars on pH and EC of two alkaline and acidic soils during one-year incubation period،۱۶th Iranian Soil Science Congress،۲۰۱۹.
6. Sehatmand R., Sarikhani M.R., Najafi N،Effects of some plant growth promoting rhizobacteria on

growth and enhancement of K, P, N uptake in corn،۱۶th Iranian Soil Science Congress،۲۰۱۹.
7. Najafi N،Phosphorus slow release fertilizers: Preparation methods and their effects on phosphorus uptake and plant growth،۱۵th Iranian Soil Science Congress،۲۰۱۷.
8. Azimzadeh Y., Najafi N., Amirloo B., Abdolmaleki E،Investigating the properties of the biochars produced from different organic materials،۱۵th Iranian Soil Science Congress،۲۰۱۷.
9. Azimzadeh Y., Najafi N., Abdolmaleki E., Amirloo B،Investigating the properties of liquid and solid fractions of hydrochars produced from different organic materials،۱۵th Iranian Soil Science Congress،۲۰۱۷.
10. Mardomi S., Najafi N., Reyhanitabar A،Effects of Pb and Zn pollutions, soil submergence and phosphorous fertilizer on the kinetics of the extractable P in a calcareous soil،۱۵th Iranian Soil Science Congress،۲۰۱۷.
11. Geiklooi A., Reyhanitabar A., Najafi N., Homei H،Determination of norms and diagnosis of nutrient unbalance at wheat plants by compositional nutrient diagnosis (CND) (Case study of the Moghan region)،۱۵th Iranian Soil Science Congress،۲۰۱۷.
12. Sadeghi saadatlou F., Reyhanitabar A., Najafi N., Bybordi A،The effects of different sources of nitrogen and iron on some maize characteristics in greenhouse conditions،۱۵th Iranian Soil Science Congress،۲۰۱۷.
13. Shabani E., Bolandnazar S., Tabatabaei S.J., Najafi N., Alizadeh Salteh S،Shabani E., Bolandnazar S., Tabatabaei S.J., Najafi N., Alizadeh Salteh S،First International Conference & ۱۰th National Horticultural Science Congress of Iran (IrHC۲۰۱۷)،۲۰۱۷.
14. Najafi N., Mahmoudi S., Neyhabouri M., Reyhanitabar A،Effect of soil moisture and sewage sludge compost on alfalfa forage fresh weight and heavy metals concentrations in greenhouse conditions،Second National Conference on Sustainable Management of Soil and Environment Resources،۲۰۱۶.
15. Najafi N., Markarian Sh., Aliasgharzad N., Oustan S،Effects of Ensifer meliloti (Sinorhizobium meliloti) and phosphorus on alfalfa forage fresh weight and concentrations of K, Ca and Mg under soil water deficit conditions،Second National Conference on Sustainable Management of Soil and Environment Resources،۲۰۱۶.
16. Najafi N،Management of nitrogen nutrition of hydroponics and greenhouse plants،Forth National Congress of Hydroponics and Greenhouse Products،۲۰۱۶.
17. Nishabouri M.R., Zareh Haghi D., Najafi N., Sadeghzadeh M.A،Evaluation least limiting water range (LLWR) by growth and physiological parameters of corn،Proceedings of the ۱۳th Iranian Soil Science Congress،۲۰۱۴.
18. Ansari S., Sarikhani M.R., Najafi N،Inoculation effect of PSB and NFB biofertilizers on Maize in non sterile soil،Proceedings of the ۱۳th Iranian Soil Science Congress،۲۰۱۴.
19. Nasiri Y., Zehtab Salmasi S., Nasrollahzadeh S., Ghasemi Golezani K., Najafi N., Valimohammadi F،The effect of foliar application of iron and zinc on yield and harvest index of German chamomile،Scientific Conference of medicinal plants Industry Promotion،۲۰۱۰.
20. Najafi N., Mardomi S،Effects of manure and sewage sludge on soil chemical properties and growth of sunflower plants،Conference of Application of Organic Fertilizers in Horticulture and Sustainable Agriculture،۲۰۱۰.
21. Najafi N., Mardomi S., Oustan S،Effects of farmyard manure and sewage sludge on uptake and translocation factor of macronutrients and sodium in sunflower،Conference of Application of Organic Fertilizers in Horticulture and Sustainable Agriculture،۲۰۱۰.
22. Najafi N., Towfighi H،Effect of phosphorus fertilizer on rice plant growth and uptake of P and some nutrients in paddy soils of north of Iran،۱۱th Iranian Crop Science Congress،۲۰۱۰.
23. Najafi N., Mardomi S،Effects of soil waterlogging stress on uptake of macronutrients and sodium in sunflower،۱۱th Iranian Crop Science Congress،۲۰۱۰.
24. Najafi N., Sarhangzadeh E،Effects of soil waterlogging and NaCl Salinity on growth characteristics of forage corn،۱۱th Iranian Crop Science Congress،۲۰۱۰.

25. Nasiri Y., Zehtab-Salmasi S., Nasrollahzadeh S., Ghasemi-Golezani K., Najafi N., Valimohammadi F،The effect of foliar application of iron and zinc on yield and morphological traits of German chamomile،۱۱th Iranian Crop Science Congress،۲۰۱۰.
26. Najafi N., Mardomi S., Oustan S،Effects of sewage sludge and manure on growth, uptake and concentrations of heavy metals in sunflower،Fourth Conference and Exhibition of Environmental Engineering،۲۰۱۰.
27. Najafi N., Towfighi H،Determination of inorganic phosphorus fractions and their relations with each other and available phosphorus in paddy soils of north of Iran،Proceedings of the ۱۱th Iranian Soil Science Congress،۲۰۰۹.
28. Najafi N., Towfighi H،Relations of available phosphorus and inorganic phosphorus fractions with rice growth and shoot P concentration in paddy soils of north of Iran،Proceedings of the ۱۱th Iranian Soil Science Congress،۲۰۰۹.
29. Najafi N., Parsazadeh M., Tabatabaei S.J., Oustan S،Effect of nitrogen form and pH of nutrient solution on the uptake and concentration of K, Ca, Mg and Na in root and shoot of spinach plant،Proceedings of the ۱۱th Iranian Soil Science Congress،۲۰۰۹.
30. Hosseini S.R., Oustan S., Aliasghazad N., Najafi N،Kinetics of Oxidation of Cr(III) to Cr(VI) in Some Acidic Soils،Proceedings of the ۱۱th Iranian Soil Science Congress،۲۰۰۹.
31. Shirmohammadi E., Aliasgharzad N., Oustan S., Najafi N،Influence of arbuscular mycorrhizal fungi and micronutrients deficiency on leachate pH at different stages of sorghum،Proceedings of the ۱۱th Iranian Soil Science Congress،۲۰۰۹.
32. Shirmohammadi E., Aliasgharzad N., Oustan S., Najafi N،Influence of arbuscular mycorrhizal fungi and micronutrients deficiency on chelate compounds produced by sorghum root،Proceedings of the ۱۱th Iranian Soil Science Congress،۲۰۰۹.
33. Mardomi, S., Najafi N., Oustan S., Baybordi A،The Effects of Source and Amount of Organic Fertilizers and Soil Waterlogging on the Growth Characteristics of Sunflower،Proceedings of the First National Conference of oilseed plants،۲۰۰۹.
34. Najafi N., Parsazadeh M., Tabatabaei S.J., Oustan S،Effect of nitrogen form and pH of nutrient solution on the uptake of Fe, Zn, Cu and Mn by spinach plant in hydroponic culture،Proceedings of the First National Congress of Hydroponics and Greenhouse Products،۲۰۰۹.
35. Parsazadeh M., Tabatabaei S.J., Oustan S،Effect of nitrogen form and pH of nutrient solution on the concentrations of phosphorus, nitrate, organic nitrogen and total nitrogen of spinach plant in hydroponic culture،Proceedings of the First National Congress of Hydroponics and Greenhouse Products،۲۰۰۹.
36. Najafi N., Parsazadeh M،Effect of nitrogen form and pH of nutrient solution on the changes in pH and EC of spinach rhizosphere in hydroponic culture،Proceedings of the First National Congress of Hydroponics and Greenhouse Products،۲۰۰۹.
37. Aliasgharzad N., Hajiboland R., Hakimelahi G., Najafi N،Effects of phosphates enzyme and H+ exudation of root on phosphorus uptake by tomato،Proceedings of First National Congress of Sustainable Management and Development of Agriculture in Iran،۲۰۰۸.
38. Najafi N., Towfighi H،Changes in available phosphorus and inorganic phosphorus fractions after waterlogging in paddy soils of north of Iran،Proceedings of the ۱۰th Iranian Soil Science Congress،۲۰۰۷.
39. Najafi N., Towfighi H،Changes in available phosphorus and inorganic phosphorus fractions after P fertilizer application in paddy soils of north of Iran،Proceedings of the ۱۲th Iranian Soil Science Congress،۲۰۰۷.
40. Najafi N., Towfighi H،Effects of rhizosphere of rice on the inorganic phosphorus fractions in paddy soils of north of Iran،Proceedings of the ۹th Iranian Soil Science Congress،۲۰۰۵.
41. Towfighi H., Najafi N،Changes in recovery and availability of native and applied zinc in waterlogged and non- waterlogged conditions in paddy soils of north of Iran،Proceedings of the ۷th Iranian Soil Science Congress،۲۰۰۱.
42. Towfighi H., Najafi N،pH, Eh and zinc of soil solution during waterlogging and rice growth period in

two different paddy soils،Proceedings of the ۷th Iranian Soil Science Congress،۲۰۰۱.
43. Najafi N., Towfighi H،Effects of soil moisture regimes and phosphorus fertilizer on available P and inorganic P fractions in some paddy soils of north of Iran،۴th International Symposium on Phosphorus Dynamics in the Soil Plant Continuum،۱۹۲۰۱۰ ۲۳ September.
44. Ansari S., Sarikhani M.R. and Najafi N ,Effect of Iranian common biofertilizers inoculation on growth and uptake of elements by corn (single cross 704) and bean (Phaseolus vulgaris L.) at greenhouse condition ,Fourth International Conference on Agricultural Sciences, Medicinal Plants and Traditional Medicine ,September 20 2021, Tbilisi, Georgia.
45. Rezaei M., Najafi N., Zehtab Salmasi S., Ghassemi Golezani K., Razzaghi Miavaghi S ,Internal macronutrients use efficiency of wheat cultivars under water stress conditions ,Proceedings of 8th International Soil Science Congress on Land Degradation and Challenges in Sustainable Soil Management ,May, 15 172012.
46. Shirmohammadi E., Aliasgharzad N., Oustan S., Najafi N., Shirmohammadi B ,Influence of arbuscular mycorrhizal fungi and micronutrients deficiency on tomato and sorghum dry weights in perlit culture medium ,In: Proceedings of 8th International Soil Science Congress on Land Degradation and Challenges in Sustainable Soil Management ,May, 15 172012.
47. Rezaei M., Najafi N., Zehtab Salmasi S., Ghassemi Golezani K., Razzaghi Miavaghi S ,Internal macronutrients use efficiency of wheat cultivars under water stress conditions ,Proceedings of 8th International Soil Science Congress on Land Degradation and Challenges in Sustainable Soil Management ,May 2012, 15 17, Izmir, Turkey..
48. Shirmohammadi E., Aliasgharzad N., Oustan S., Najafi N., Shirmohammadi B ,Influence of arbuscular mycorrhizal fungi and micronutrients deficiency on tomato and sorghum dry weights in perlit culture medium. ,Proceedings of 8th International Soil Science Congress on Land Degradation and Challenges in Sustainable Soil Management ,May 2012, 15 17, Izmir, Turkey..
49. Afshari Z., Alisgharzad N., Najafi N ,Effects of phosphorus levels on glomalin produced by Glomerales in symbiosis with corn plant (Single Cross 704) ,2nd International Congress of Agricultural Sciences and Environment ,March 72015.
50. Afshari Z., Alisgharzad N., Najafi N. ,Effects of phosphorus levels on glomalin produced by Glomerales in symbiosis with corn plant (Single Cross 704). ,2nd International Congress of Agricultural Sciences and Environment ,March 7 2015, Tehran, Iran..
51. Najafi N ,Interactive Effects of NaCl Salinity and Waterlogging on Availability of Copper, Iron, Manganese and Zinc in Two Different Soils ,20th World Congress of Soil Science ,June 8 132014.
52. Najafi N., Abbasi M ,Integrated Effects of Organic and Chemical Fertilizers on Some Micronutrients Concentrations of Rice Plant under Different Soil Water Conditions ,20th World Congress of Soil Science ,June 8 132014.
53. Reyhanitabar A., Maqsoodi M. R., Najafi N ,Development of an Alternative to the Olsen Test for Determining Corn Plant Available Phosphorus in Calcareous Soils ,20th World Congress of Soil Science (WCSS) ,June 8 132014.
54. Najafi N ,Interactive Effects of NaCl Salinity and Waterlogging on Availability of Copper, Iron, Manganese and Zinc in Two Different Soils ,20th World Congress of Soil Science (WCSS) ,June 8 13 2014, Jeju, Korea.
55. Najafi N. Abbasi M ,Integrated Effects of Organic and Chemical Fertilizers on Some Micronutrients Concentrations of Rice Plant under Different Soil Water Conditions ,20th World Congress of Soil Science (WCSS) ,June 8 13 2014, Jeju, Korea.
56. Reyhanitabar A., Maqsoodi M.R., Najafi N ,Development of an Alternative to the Olsen Test for Determining Corn Plant Available Phosphorus in Calcareous Soils ,20th World Congress of Soil Science (WCSS) ,June 8 13 2014, Jeju, Korea.
57. Saleh J., Najafi N., Oustan S., Aliasgharzad N., Ghassemi Golezani K ,Changes in extractable Zn, Cu, K and Na as affected by silicon, salinity and waterlogging in a sandy loam soil ,In: Proceedings of 4th International Congress Eurosoil ,July, 2 62012.

58. Kazemzadeh M., Peighambardoust S.H., Najafi N ,Physical properties of wheat grain (Triticum aestivum cv. Alvand) as affected by organic and nitrogen fertilizers ,Proceedings of International Food, Agriculture and Gastronomy Congress ,February, 15□192012,.
59. Najafi N., Mardomi S., Oustan S ,Changes in DTPA extractable copper, iron, manganese and zinc after waterlogging and application of sewage sludge and animal manure in two different soils ,Proceedings of International Food, Agriculture and Gastronomy Congress ,February, 15□192012.
60. Kazemzadeh M., Peighambardoust S.H., Najafi N ,Physical properties of wheat grain (Triticum aestivum cv. Alvand) as affected by organic and nitrogen fertilizers ,Proceedings of International Food, Agriculture and Gastronomy Congress ,February 2012, 15□19, Belek, Antalya, Turkey..
61. Najafi N., Mardomi S., Oustan S ,Changes in DTPA extractable copper, iron, manganese and zinc after waterlogging and application of sewage sludge and animal manure in two different soils. ,Proceedings of International Food, Agriculture and Gastronomy Congress ,February 2012, 15□19, Belek, Antalya, Turkey.
62. Reyhanitabar A., Geiklooi A., Najafi N. ,Determine nutrient balances of wheat (Triticum aestivum L.) plants with CND□ilr method and their validation ,21st World Congress of Soil Science ,August 12 to 17 2018, Rio de Janeiro, Brazil..
63. Aliasgharzad N., Pakdelfard F., Najafi N ,Efficiency of native heterocystous cyanobacterial isolates for supplying nitrogen and improving rice plant growth. P. 174 ,In: Proceedings of 9th International Congress of Environmental Research ,82018□10 February.
64. Aliasgharzad N., Pakdelfard F., Najafi N ,Efficiency of native heterocystous cyanobacterial isolates for supplying nitrogen and improving rice plant growth ,Proceedings of 9th International Congress of Environmental Research ,8□10 February 2018, Amity University Madhya Pradesh, Gwalior, India..
65. Mardomi S., Najafi N., Reyhanitabar A., Dehgan G ,Increasing antioxidant enzymes activity in rice through phosphorus and zinc fertilization in a Pb□spiked soil ,7th International Congress of Biology ,302016 August – 1 September.
66. Kazemalilou S., Najafi N., Reyhanitabar A., Gafari M., Lotfollahi A ,Improving tolerance of oil sunflower (Helianthus annuus L.) to water deficit stress by phosphorus and sewage sludge application ,7th International Congress of Biology ,302016 August – 1 September.
67. Kazemalilou S., Najafi N., Reyhanitabar A., Ghaffari M ,Improving the grain yield of oil sunflower (Helianthus annuus L.) and water use efficiency under water deficit conditions by integrated application of triple superphosphate and sewage sludge ,Second International Iranian Crop Science Congress ,302016 August – 1 September.
68. Kazemalilou S., Najafi N., Reyhanitabar A ,Reducing the percentage of unfilled seeds and increasing the dehulled kernel: hull ratio of oil sunflower (Helianthus annuus L.) by integrated application of triple superphosphate and sewage sludge under water deficit stress conditions ,Second International Iranian Crop Science Congress ,302016 August – 1 September.
69. Mardomi S., Najafi N., Reyhanitabar A., Dehghan G ,Decreasing Pb uptake and concentration in rice through phosphorus and zinc fertilization in a spiked soil ,Second International Iranian Crop Science Congress ,302016 August – 1 September.
70. Najafi N., Bayani N., Reyhanitabar A ,Effects of municipal solid waste compost, urea and zinc sulphate on leaf chlorophyll index and some growth characteristics of rice ,Second International Iranian Crop Science Congress ,302016 August – 1 September.
71. Movahedpour F., Dabbagh Mohammadi Nassab A., Najafi N., Amini R., Mohammadi E ,Evaluation of some morphological traits of oilseed rape (Brassica napus L.) under copper phytoremmediation with application of humic acid and EDTA ,Second International Iranian Crop Science Congress ,302016 August – 1 September.
72. Najafi N., Moradpour M., Oustan S ,Effects of urea and zinc sulfate fertilizers on rice shoot dry matter and water use efficiency ,Second International Iranian Crop Science Congress ,302016 August – 1 September.
73. Kazemalilou S., Najafi N., Reyhanitabar A ,Reducing the percentage of unfilled seeds and increasing

the dehulled kernel: hull ratio of oil sunflower (Helianthus annuus L.) by integrated application of triple superphosphate and sewage sludge under water deficit stress conditions ,Second International Iranian Crop Science Congress ,30 August–1 September 2016, University of Guilan, Rasht, Iran..
74. Kazemalilou S., Najafi N., Reyhanitabar A., Gafari M., Lotfollahi A ,. Improving tolerance of oil sunflower (Helianthus annuus L.) to water deficit stress by phosphorus and sewage sludge application ,7th International Congress of Biology ,30 August – 1 September, University of Guilan, Rasht, Iran.
75. Mardomi S., Najafi N., Reyhanitabar A., Dehgan G. ,Increasing antioxidant enzymes activity in rice through phosphorus and zinc fertilization in a Pb spiked soil ,7th International Congress of Biology ,30 August – 1 September 2016, University of Tabriz, Tabriz, Iran..
76. Najafi N., Bayani N., Reyhanitabar A ,Effects of municipal solid waste compost, urea and zinc sulphate on leaf chlorophyll index and some growth characteristics of rice ,Second International Iranian Crop Science Congress ,30 August – 1 September 2016, University of Guilan, Rasht, Iran..
77. Mardomi S., Najafi N., Reyhanitabar A., Dehghan G ,Decreasing Pb uptake and concentration in rice through phosphorus and zinc fertilization in a spiked soil ,Second International Iranian Crop Science Congress ,30 August – 1 September 2016, University of Guilan, Rasht, Iran.
78. Najafi N., Moradpour M., Oustan S ,Effects of urea and zinc sulfate fertilizers on rice shoot dry matter and water use efficiency Shahin ,Second International Iranian Crop Science Congress ,30 August – 1 September 2016, University of Guilan, Rasht, Iran.
79. Movahedpour F., Dabbagh Mohammadi Nassab A., Najafi N., Amini R., Mohammadi E ,Evaluation of some morphological traits of oilseed rape (Brassica napus L.) under copper phytoremmediation with application of humic acid and EDTA ,Second International Iranian Crop Science Congress ,30 August – 1 September 2016, University of Guilan, Rasht, Iran.
80. Najafi N., Towfighi H ,Changes in pH, EC and concentration of phosphorus in soil solution during submergence and rice growth period in some paddy soils of North of Iran ,International Meeting on Soil Fertility, Land Management, and Agroclimatology ,292008 October–1 November.
81. Najafi N., Towfighi H ,. Changes in pH, EC and concentration of phosphorus in soil solution during submergence and rice growth period in some paddy soils of North of Iran ,. International Meeting on Soil Fertility, Land Management, and Agroclimatology ,29 October 1 November, 2008, Kusadasi, Turkey..
82. Faryadi M., Oustan S., Aliasgarzad N., Najafi N. ,Application of natural zeolite for stabilization of zinc in zinc spiked soils ,First Iran International Zeolite Conference ,29 April 1 May 2008.
83. Khamseh A., Oustan S., Shahbazi F., Najafi N., Davatgar N ,Impact of tailings dam failure on spatial features of copper contamination (Mazraeh mine area, Iran) ,2nd ICIEM 2016, International Conference on Integrated Environmental Management for Sustainable Development ,27th to 30th October2016.
84. Khamseh A., Oustan S., Shahbazi F., Najafi N., Davatgar N ,Impact of tailings dam failure on spatial features of copper contamination (Mazraeh mine area, Iran). ,2nd ICIEM 2016, International Conference on Integrated Environmental Management for Sustainable Development ,27th to 30th October 2016, Hammamet, Tunisia.
85. Shahbazi F., Aliasgharzad N., Ebrahimzad S.A., Najafi N ,Applying ArcGIS Geostatistical Analyst for zoning of some soil biological properties as affected by different land uses ,International Symposium of Interactions of Soil Minerals with Organic Components and Microorganisms ,26th June 1st July2011.
86. Shahbazi F., Aliasgharzad N., Ebrahimzad S. A. Najafi N ,Applying ArcGIS Geostatistical Analyst for zoning of some soil biological properties as affected by different land uses ,International Symposium of Interactions of Soil Minerals with Organic Components and Microorganisms ,26th June 1st July 2011, Montpellier, France.
87. Najafi N., Mostafaei M., Dabbagh Mohammadi Nasab A., Oustan S ,Effect of farmyard manure and intercropping of corn with bean on the bean foliage and seed yield and nutrients concentrations ,1th International and 13th Iranian Crop Science Congress ,262014 28 August.
88. Najafi N., Mostafaei M., Dabbagh Mohammadi Nasab A., Oustan S ,Effect of farmyard manure and

intercropping of corn with bitter vetch on the bitter vetch seed yield and nutrients contents and concentrations ,1th International and 13th Iranian Crop Science Congress ,262014□28 August.
89. Mohammadnezhad A., Najafi N ,Effect of organic fertilizers on wheat growth characteristics at different levels of soil compaction ,1th International and 13th Iranian Crop Science Congress ,262014□28 August.
90. Mohammadnejad A., Najafi N ,Effect of source and amount of organic fertilizer on corn water use efficiency at different levels of soil compaction ,. 1th International and 13th Iranian Crop Science Congress ,262014□28 August.
91. Movahedpour F., Dabbagh Mohammadi Nassab A., Najafi N., Amini R ,Yield Evaluation of Oilseed rape (Brassica napus L.) Under Copper Stress with Application of EDTA and Humic Acid ,1th International and 13th Iranian Crop Science Congress ,262014□28 August.
92. Movahedpour F., Dabbagh Mohammadi Nassab A., Najafi N., Amini R ,Evaluation of Some Morphological Traits of basil (Ocimum basilicum L.) Under Copper Stress with Application of Humic Acid and EDTA ,1th International and 13th Iranian Crop Science Congress ,262014□28 August.
93. Najafi N., Mostafaei M., Dabbagh Mohammadi Nasab A., Oustan and S ,Effect of farmyard manure and intercropping of corn with bean on the bean foliage and seed yield and nutrients concentrations. ,1th International Iranian Crop Science Congress ,26□28 August 2014, Seed and Plant Improvement Institute, Karaj, Iran..
94. Mohammadnejad A., Najafi N. ,Effect of organic fertilizers on wheat growth characteristics at different levels of soil compaction ,1th International Iranian Crop Science Congress ,26□28 August 2014, Seed and Plant Improvement Institute, Karaj, Iran..
95. Movahedpour F., Dabbagh Mohammadi Nassab A., Najafi N., Amini R ,Yield Evaluation of Oilseed rape (Brassica napus L.) Under Copper Stress with Application of EDTA and Humic Acid. ,1th International Iranian Crop Science Congress ,26□28 August 2014, Seed and Plant Improvement Institute, Karaj, Iran..
96. Movahedpour F., Dabbagh Mohammadi Nassab A., Najafi N., Amini R ,Evaluation of Some Morphological Traits of basil (Ocimum basilicum L.) Under Copper Stress with Application of Humic Acid and EDTA. ,1th International Iranian Crop Science Congress ,26□28 August 2014, Seed and Plant Improvement Institute, Karaj, Iran..
97. Najafi N., Mostafaei M., Dabbagh Mohammadi Nasab A., Oustan S ,. Effect of farmyard manure and intercropping of corn with bitter vetch on the bitter vetch seed yield and nutrients contents and concentrations. ,1th International Iranian Crop Science Congress ,26□28 August 2014, Seed and Plant Improvement Institute, Karaj, Iran.
98. Mohammadnejad A., Najafi N ,Effect of source and amount of organic fertilizer on corn water use efficiency at different levels of soil compaction ,1th International Iranian Crop Science Congress ,26□28 August 2014, Seed and Plant Improvement Institute, Karaj, Iran.
99. Najafi N., Towfighi H ,Changes in inorganic phosphorus fractions and availability in rhizosphere of rice in P fertilized soils ,EuroSoil 2008 International Conference ,252008□29 August.
100. Oustan S., Faryadi M., Aliasgarzad N., Najafi N ,Effects of waterlogging and organic matter on stabilization of Zn in two Zn□spiked soils with different reactions ,EuroSoil 2008 International Conference ,252008□29 August.
101. Najafi N. Towfighi H ,Changes in inorganic phosphorus fractions and availability in rhizosphere of rice in P fertilized soils ,EuroSoil International Conference ,25 □29 August2008, Vienna, Austria..
102. Amanifar S., Aliasgharzad N., Najafi N ,Effect of two arbuscular mycorrhizal fungi species on lead uptake and translocation in alfalfa plant ,First International Conference of Soil and Roots Engineering Relationship□ (LANDCON1005 ,24□26 May 2010, Ardebil, Iran.
103. Nasiri Y., Zehtab□Salmasi S., Nasrollahzadeh S., Ghasemi□Golezani K., Najafi N ,Influence of foliar application of iron and zinc at different stages on yield and essential oil of German chamomile ,International Medicinal and Aromatic Symposium ,212010□23 June.
104. Nasiri Y., Zehtab□Salmasi S., Nasrollahzadeh S., Ghasemi□Golezani K., Najafi N ,Influence of foliar

application of iron and zinc at different stages on yield and essential oil of German chamomile ,International Medicinal and Aromatic Symposium ,212010–23 June.
105. Nasiri Y., Zehtab–Salmasi S., Nasrollahzadeh, S., Ghasemi–Golezani K., Najafi N ,Influence of foliar application of iron and zinc at different stages on yield and essential oil of German chamomile ,International Medicinal and Aromatic Symposium ,21–23 June 2010, Shiraz, Iran..
106. Nasiri Y., Zehtab–Salmasi S., Nasrollahzadeh S., Ghasemi–Golezani K., Najafi N ,Influence of foliar application of iron and zinc at different stages on yield and essential oil of German chamomile. ,International Medicinal and Aromatic Symposium ,21–23 June 2010, Shiraz, Iran.
107. Oustan S., Ghorbani H., Najafi N., Zare Haghi D ,Effect of sodium dodecylbenzene sulfate (SDBS) on growth characteristics of corn under greenhouse conditions ,11th International Conference on Agriculture (AGRICO 2024) ,2024.
108. Ansari S., Sarikhani M.R. and Najafi N ,Effect of Iranian common biofertilizers inoculation on growth and uptake of elements by corn (single cross 704) and bean (Phaseolus vulgaris L.) at greenhouse condition ,Fourth International Conference on Agricultural Sciences, Medicinal Plants and Traditional Medicine ,2021.
109. Najafi N., Abbasi M., Oustan S., Aliasgharzad N ,Effect of water–saving irrigation on rice growth and micronutrients concentrations under different levels of organic and chemical fertilizers. ,In: Proceedings of 10th International Soil Science Congress on “Environment and Soil Resources Conservation ,2018.
110. Ahmadi A., Nouri M., Jafarzadeh A., Najafi N ,Performance of polylatice nanopolymer on controlling of dust storms in Urmia Lake region ,Proceedings of 10th International Soil Science Congress on “Environment and Soil Resources Conservation ,2018.
111. Oustan S., Mohammadzadeh Ghazijahani L., Najafi N., Reyhanitabar A ,Phosphorus aging impacts on sorption–desorption features of lead (Pb) in soils ,Proceedings of 10th International Soil Science Congress on “Environment and Soil Resources Conservation ,2018.
112. Reyhanitabar A., Geiklooi A., Najafi N ,Determine nutrient balances of wheat (Triticum aestivum L.) plants with CND–ilr method and their validation ,21st World Congress of Soil Science ,2018.
113. Amanifar S., Aliasgharzad N., Najafi N ,Effect of two arbuscular mycorrhizal fungi species on lead uptake and translocation in alfalfa plant ,First International Conference of Soil and Roots Engineering Relationship– (LANDCON1005) ,2010 24–26 May.
114. Faryadi M., Oustan S., Aliasgarzad N., Najafi N ,Application of natural zeolite for stabilization of zinc in zinc–spiked soils ,First Iran International Zeolite Conference ,2008 April–1 May29.
115. Najafi N., Towfighi H ,Determination of different fractions of zinc and their relations with available–Zn and their changes after waterlogging in some paddy soils of north of Iran ,Proceedings of the 7th Iranian Soil Science Congress ,2001.
116. Najafi N., Towfighi H ,Effects of soil moisture regimes and phosphorus fertilizer on available–P and inorganic–P fractions in some paddy soils of north of Iran ,4th International Symposium on Phosphorus Dynamics in the Soil–Plant Continuum ,19–23 September 2010, Beijing, China.
117. Najafi N., Sarhangzadeh E., Oustan S ,Effects of NaCl salinity and waterlogging on availability of copper, iron, manganese and zinc in two different soils. P. 63 ,In: Proceedings of 10th International Soil Science Congress on “Environment and Soil Resources Conservation” ,172018–19 October.
118. Najafi N., Azimzadeh Y., Reyhanitabar A., Oustan S., Khataee A ,Effects of phosphate–loaded LDH–Biochar and LDH–Hydrochar on soil pH, EC and available–P, and maize dry matter and P uptake in a calcareous soil. P. 64 ,In: Proceedings of 10th International Soil Science Congress on “Environment and Soil Resources Conservation ,172018–19 October.
119. Najafi N., Azimzadeh Y., Reyhanitabar A., Oustan S., Khataee A ,Modeling of phosphate removal by Mg/Al–LDH functionalized biochar and hydrochar from aqueous solutions. P. 65 ,In: Proceedings of 10th International Soil Science Congress on “Environment and Soil Resources Conservation ,172018–19 October.
120. Aliasgharzad N., Afshari Z., Najafi N ,Carbon sequestration by Glomeral fungi in soil is influenced

by phosphorus and nitrogen fertilization ,International Conference on Sustainable Agriculture, Food and Energy (SEFE 2015) ,172015–19 November.
121. Aliasgharzad N., Afshari Z., Najafi N ,Carbon sequestration by Glomeral fungi in soil is influenced by phosphorus and nitrogen fertilization ,International Conference on Sustainable Agriculture, Food and Energy (SEFE 2015) ,17–19 November 2015, Nong Lam University, Ho Chi Minh, Vietnam..
122. Najafi N., Sarhangzadeh E., Oustan S. ,Effects of NaCl salinity and waterlogging on availability of copper, iron, manganese and zinc in two different soils ,: Proceedings of 10th International Soil Science Congress on “Environment and Soil Resources Conservation ,17–19 October 2018, Almaty, Kazakhstan..
123. Najafi N., Azimzadeh Y., Reyhanitabar A., Oustan S., Khataee A ,Modeling of phosphate removal by Mg/Al–LDH functionalized biochar and hydrochar from aqueous solutions ,Proceedings of 10th International Soil Science Congress on “Environment and Soil Resources Conservation” ,17–19 October 2018, Almaty, Kazakhstan..
124. Ahmadi A., Nouri M., Jafarzadeh A., Najafi N ,Performance of polylatice nanopolymer on controlling of dust storms in Urmia Lake region ,Proceedings of 10th International Soil Science Congress on “Environment and Soil Resources Conservation ,17–19 October 2018, Almaty, Kazakhstan..
125. Oustan S., Mohammadzadeh Ghazijahani L., Najafi N., Reyhanitabar A ,. Phosphorus aging impacts on sorption–desorption features of lead (Pb) in soils ,Proceedings of 10th International Soil Science Congress on “Environment and Soil Resources Conservation ,17–19 October 2018, Almaty, Kazakhstan..
126. Najafi N., Azimzadeh Y., Reyhanitabar A., Oustan S., Khataee A ,Effects of phosphate–loaded LDH–Biochar and LDH–Hydrochar on soil pH, EC and available–P, and maize dry matter and P uptake in a calcareous soil ,: Proceedings of 10th International Soil Science Congress on “Environment and Soil Resources Conservation ,17–19 October 2018, Almaty, Kazakhstan.
127. Najafi N., Abbasi M., Oustan S., Aliasgharzad N ,Effect of water–saving irrigation on rice growth and micronutrients concentrations under different levels of organic and chemical fertilizers ,Proceedings of 10th International Soil Science Congress on “Environment and Soil Resources Conservation ,17–19 October 2018, Almaty, Kazakhstan.
128. Nasiri Y., Zehtab–Salmasi S., Nasrollahzadeh S., Ghasemi–Golezani K., Najafi N., Valimohammadi F ,The effect of application of iron sulfate and zinc sulfate on yield, essential oil and chamazulene content of German chamomile ,National Congress on Medicinal Plant ,162012, 17 May.
129. Nasiri Y., Zehtab–Salmasi S., Nasrollahzadeh S., Ghasemi–Golezani K., Najafi N., Valimohammadi F ,The effect of application of iron sulfate and zinc sulfate on yield, essential oil and chamazulene content of German chamomile ,National Congress on Medicinal Plants ,16, 17 May 2012, Kish Island, Iran..
130. Shahbazi F., Oustan S., Khamsh A., Najafi N., Davatgar N ,Spatial distribution of copper in soils around the Mazraeh Mine, North–West of Iran ,9th International Soil Science Congress on 'The Soul of Soil and Civilization" ,142014–16 October.
131. Shahbazi F., Oustan S., Khamsh A., Najafi N., Davatgar N ,Spatial distribution of copper in soils around the Mazraeh Mine, North–West of Iran ,. 9th International Soil Science Congress on 'The Soul of Soil and Civilization" ,14–16 October 2014, Side, Antalya, Turkey.
132. Oustan S., Mokarram F., Tabatabaei S.J., Najafi N ,The integrated effect of organic matter and moisture content on phytoremediation characteristics of a Cu–spiked soil by Brassica juncea L ,4th International Conference on Biohydrology ,132016–16 September.
133. Najafi N., Abbasi M ,Effects of soil water conditions, sewage sludge, poultry manure and chemical fertilizers on macronutrients concentrations in rice plant ,1st International Conference on Environmental Crisis and its Solutions ,132013–14 Feb.
134. Oustan S., Mokarram F., Tabatabaei S.J., Najafi N. ,The integrated effect of organic matter and moisture content on phytoremediation characteristics of a Cu–spiked soil by Brassica juncea L ,4th

International Conference on Biohydrology ,13–16 September 2016, Almeria, Spain..
135. Najafi N., Abbasi M ,Effects of soil water conditions, sewage sludge, poultry manure and chemical fertilizers on macronutrients concentrations in rice plant ,1st International Conference on Environmental Crisis and its Solutions ,13–14 Feb 2013., Kish Island, Iran..
136. Rezaei M., Zehtab–Salmasi S., Najafi N., Ghassemi–Golezani K ,Macronutrient uptake of bread wheat genotypes under water deficit ,Turkey IX. Crop Science Congress ,122011–15 September.
137. Rezaei M., Zehtab–Salmasi S., Najafi N., Ghassemi–Golezani K. ,Macronutrient uptake of bread wheat genotypes under water deficit ,Turkey IX. Crop Science Congress ,12–15 September 2011, Bursa, Turkey..
138. Saleh J., Najafi N., Oustan S., Aliasgharzad N., Ghassemi–Golezani K ,Changes in extractable Zn, Cu, K and Na as affected by silicon, salinity and waterlogging in a sandy loam soil ,Proceedings of 4th International Congress Eurosoil ,, July 2012, 2–6, Bari, Italy.

Papers in Journals

1. سلیمی ترازوج س. ریحانی تبار ع.، نجفی ن.،تأثیر کاربرد توأم بیوچار و فسفر بر برخی خصوصیات زراعی گیاه کلزا و کارایی مصرف آب در یک خاک لوم قلیایی،نشریه مدیریت اراضی،مجلد ۱۳،شماره صفحات ۱۷،۲۰۲۵.
2. قادرپور، ا.، ریحانی تبار، ع.، نجفی، ن.، زارع حقی، د. و سلیمی ترازوج، س.،تأثیر بیوچار و نیتروژن بر ماده خشک و جذب عناصر غذایی پرمصرف در گیاه کلزا در شرایط کم‌آبی در کشت گلدانی،نشریه دانش خاک و گیاه،مجلد ۳۵،۲۰۲۵.
3. Vasli Dizajeyekan A., Sarikhani M.R., Najafi N،Inoculation effect of some liquid inocula of Enterobacter cloacae on oil and fatty acids percentages, and nutritional indices of rapeseed (Brassica napus L.)،Journal of Water and Soil Science University of Tabriz،۲۰۲۴.
4. Mirzaei Varoei M., Oustan S., Reyhanitabar A. and Najafi N،Effect of application of nitrogen-enriched humic acid (NHA) on morphological and physiological characteristics of maize (Single cross ۷۰۴)،Journal of Water and Soil Science University of Tabriz،۲۰۲۴.
5. Kashi S.M., Alizadeh Ajirlo S. and Najafi N،Effects of irrigation with treated sewage effluent on the chemical characteristics of soil under the cultivation of ground cover plants (Case study: Parand city)،Journal of Water and Soil Science- Isfahan University of Technology،۲۰۲۴.
6. Kashi S.M., Alizadeh Ajirlo S. and Najafi N،The effect of irrigation with treated sewage effluent on growth traits and concentration of nutrients (N, P, and K) of several ground cover plants (Case study: Parand treatment plant)،Journal of Soil and Plant Interactions -Isfahan University of Technology،۲۰۲۴.
7. Alizadeh, M., Najafi, N., Oustan, S. & Majidi, A،Effects of salinity, phosphorus fertilizer, and intercropping of wheat with lathyrus, and vetch on available-P and inorganic P fractions in a loamy sand soil،Iranian Journal of Soil and Water Research،۲۰۲۴،.۱۸۴۴-۱۸۲۳ :(۱۰) ۵۵ مجلد ۵۵،شماره صفحات ISC.
8. Kashi S.M., Alizadeh Ajirlo S. and Najafi N،The effect of irrigation with treated sewage effluent on growth traits and concentration of nutrients (N, P, and K) of several ground cover plants (Case study: Parand treatment plant)،Journal of Soil and Plant Interactions -Isfahan University of Technolog،۲۰۲۴.
9. Kashi S.M., Alizadeh Ajirlo S. and Najafi N،Effects of irrigation with treated sewage effluent on the chemical characteristics of soil under the cultivation of ground cover plants (Case study: Parand city)،Journal of Water and Soil Science- Isfahan University of Technology،۲۰۲۴.
10. Vasli Dizajeyekan A., Sarikhani M.R., Najafi N،Inoculation effect of some liquid inocula of Enterobacter cloacae on oil and fatty acids percentages, and nutritional indices of rapeseed (Brassica napus L.)،Journal of Water and Soil Science University of Tabriz،۲۰۲۴.
11. Mirzaei Varoei M., Oustan S., Reyhanitabar A. and Najafi N،Effect of application of nitrogen-enriched humic acid (NHA) on morphological and physiological characteristics of maize (Single cross ۷۰۴)،Journal of Water and Soil Science University of Tabriz،۲۰۲۴.
12. Shirinfekr A., Oustan S., Najafi N. and Reyhanitabar A،Investigating the relationship between soil acidity and some quality characteristics of tea green leaves in tea plantations of Gilan province،Iranian Journal of Soil Research،۲۰۲۳.
13. Najafi N., Elmi S., Oustan S, Lotfollahi A،Effects of gypsum and cocopeat on some physiological

characteristics and growth of spinach in hydroponics culture under saline and non-saline conditions،Journal of Agricultural Science and Sustainable Production،۲۰۲۳.
14. Shirinfekr A., Oustan S., Najafi N. and Reyhanitabar A،Investigating the relationship between soil acidity and some quality characteristics of tea green leaves in tea plantations of Gilan province،Iranian Journal of Soil Research،۲۰۲۳.
15. Ansari S., Aliasgharzad N., Sarikhani M.R., Najafi N., Arzanlou M., Ilmez F،Nitrogen sources alter ligninase and cellulase activities of thermophilic fungi isolated from compost and vermicompost،Folia Microbiologica،۲۰۲۳.
16. Mirzaei Varoei M., Oustan S., Reyhanitabar A., Najafi N،Effect of nitrohumic acid application on some morphological and physiological characteristics of savory plant (Satureja hortensis L.)،Journal of Water and Soil،۲۰۲۳.
17. Mirzaei Varoei M., Oustan S., Reyhanitabar A., Najafi N،Preparation, characterization and nitrogen availability of nitrohumic acid as a slow-release nitrogen fertilizer،Archives of Agronomy and Soil Science،۲۰۲۳.
18. Ghasemi Piranlo F., Sarikhani M.R. and Najafi N،The efficiency of several liquid carriers to increase the survival of Enterobacter cloacae S۱۶-۳ and the effects of their produced inocula on germination and growth of wheat seedlings،Journal of Water and Soil Science University of Tabriz،۲۰۲۳.
19. Siami A., Aliasgharzad N., Maleki L.A., Najafi N., Shahbazi F،Ecological study on symbiotic status of arbuscular mycorrhizal fungi in agricultural and rangeland ecosystems (Case study: Sarab region, East Azerbaijan province)،Journal of Agricultural Science and Sustainable Production،۲۰۲۳.
20. Kazemalilou S., Najafi N., Reyhanitabar A., Ghaffari M., Azadmard و Damirchi S،Sewage sludge and phosphorus increase seed yield, oil and protein concentrations and water use efficiency of sunflower under different levels of water supply،Gesunde Pflanzen،۲۰۲۳.
21. Najafi N., Elmi S., Oustan S, Lotfollahi A،Effects of gypsum and cocopeat on some physiological characteristics and growth of spinach in hydroponics culture under saline and non-saline conditions،Journal of Agricultural Science and Sustainable Production،۲۰۲۳.
22. Siami A., Aliasgharzad N., Maleki L.A., Najafi N., Shahbazi F،Ecological study on symbiotic status of arbuscular mycorrhizal fungi in agricultural and rangeland ecosystems (Case study: Sarab region, East Azerbaijan province)،Journal of Agricultural Science and Sustainable Production،۲۰۲۳.
23. Ghasemi Piranlo F., Sarikhani M.R. and Najafi N،The efficiency of several liquid carriers to increase the survival of Enterobacter cloacae S۱۶-۳ and the effects of their produced inocula on germination and growth of wheat seedlings،Journal of Water and Soil Science University of Tabriz،۲۰۲۳.
24. Mirzaei Varoei M., Oustan S., Reyhanitabar A., Najafi N،Effect of nitrohumic acid application on some morphological and physiological characteristics of savory plant (Satureja hortensis L.)،Journal of Water and Soil،۲۰۲۳.
25. Abdolmalek E., Najafi N., Reyhanitabar A،Effects of sewage sludge-derived hydrochar and nitrogen on growth characteristics of rice in a Cu-spiked soil in under greenhouse conditions،Journal of Water and Soil Science University of Tabriz،۲۰۲۲.
26. Kalantari A., Aliasgharzad N. and Najafi N،Nitrate reductase activity, iron and nitrate concentrations in spinach inoculated with two species of Pseudomonas under different nitrogen levels،Journal of Water and Soil Science University of Tabriz،۲۰۲۲.
27. Nobakht S., Sarikhani M.R. and Najafi N،The effects of solid inocula of Enterobacter cloacae on nutrients uptake and oil content of rapeseed،Journal of Water and Soil Science University of Tabriz،۲۰۲۲.
28. Khorshid M., Oustan S., Najafi N., Khataee A،Reductive remediation of Cr(VI)-contaminated soils in the presence of zero-valent metals and bimetals،Iranian Journal of Chemistry and Chemical Engineering،۲۰۲۲.
29. Siami A., Aliasgharzad N., Maleki L.A., Najafi N., Shahbazi F. and Biswas A،Recalcitrant C source mapping utilizing solely terrain-related attributes and data mining techniques،Agronomy،۲۰۲۲.
30. Nobakht S., Sarikhani M.R. and Najafi N،The effects of solid inocula of Enterobacter cloacae on

nutrients uptake and oil content of rapeseed،Journal of Water and Soil Science University of Tabriz،۲۰۲۲.
31. Kalantari A., Aliasgharzad N. and Najafi N،Nitrate reductase activity, iron and nitrate concentrations in spinach inoculated with two species of Pseudomonas under different nitrogen levels،Journal of Water and Soil Science University of Tabriz،۲۰۲۲.
32. Shirinfekr A., Oustan S., Najafi N. and Reyhanitabar A،Morphological and biochemical responses of some promising tea genotypes to aluminum-induced soil acidification،International Journal of Horticultural Science and Technology،۲۰۲۲.
33. Mohseni A., Reyhanitabar A., Najafi N., Oustan S. and Bazargan K،Phytoremediation potential and essential oil quality of peppermint grown in contaminated soils as affected by sludge and time،Journal of Agricultural Science and Technology،۲۰۲۲.
34. Faryadi Shahgoli M., Reyhanitabar A., Najafi N., and Oustan S،Kinetic and equilibrium studies on the zinc adsorption-desorption characteristics of some promising biochars in aqueous solutions،Arabian Journal of Geosciences،۲۰۲۲.
35. Shirzadeh N., Aliasgharzad N., Najafi N،Changes in enzyme activities, microbial biomass, and basal respiration of a sandy loam soil upon long-term exposure to Pb levels،Archives of Agronomy and Soil Scien،۲۰۲۲.
36. Abdolmalek E., Najafi N., Reyhanitabar A،Effects of sewage sludge-derived hydrochar and nitrogen on growth characteristics of rice in a Cu-spiked soil in under greenhouse conditions،Journal of Water and Soil Science University of Tabriz،۲۰۲۲.
37. Nobakht S., Sarikhani M.R. and Najafi N،The effects of solid inocula of Enterobacter cloacae on grain and oil yield of rapeseed،Journal of Agricultural Science and Sustainable Production،۲۰۲۱..
38. Vasli Dizajeyekan A., Sarikhani M.R., Najafi N،The efficiency of Enterobacter cloacae inoculation on growth properties, oil yield and fatty acids type of rapeseed (Brassica napus L.)،Journal of Agricultural Science and Sustainable Production،۲۰۲۱.
39. Shaker Kouhi S., Nasrollahzadeh S., Ghasemi Golezani K., Najafi N،Morpho-physiological changes of rotated barley and faba bean plants in response to nickel toxicity and chemical and biological fertilization،Journal of Agricultural Science and Sustainable Production،۲۰۲۱.
40. Faryadi Shahgoli M., Reyhanitabar A., Najafi N., Oustan S،The effects of various biochars on concentration of DTPA extractable-zinc from acidic and alkaline soils with different amounts of Zn in one-year incubation period،Journal of Soil Management and Sustainable Production،۲۰۲۱.
41. Azimzadeh Y., Najafi N،Reducing environmental pollution by converting organic wastes to hydrochar and its use in the soil،Human and Environment،۲۰۲۱.
42. Faryadi Shahgoli M., Reyhanitabar A., Najafi N., Oustan S،The effects of various biochars on concentration of DTPA extractable-zinc from acidic and alkaline soils with different amounts of Zn in one-year incubation period،Journal of Soil Management and Sustainable Production،۲۰۲۱.
43. Shaker Kouhi S., Nasrollahzadeh S., Ghasemi Golezani K., Najafi N،Morpho-physiological changes of rotated barley and faba bean plants in response to nickel toxicity and chemical and biological fertilization،Journal of Agricultural Science and Sustainable Production،۲۰۲۱.
44. Nobakht S., Sarikhani M.R. and Najafi N،The effects of solid inocula of Enterobacter cloacae on grain and oil yield of rapeseed،Journal of Agricultural Science and Sustainable Production،۲۰۲۱.
45. Najafi N،Sustained/controlled-release phosphorus fertilizers: An option for enhancing phosphorus use efficiency in agriculture and abating the environmental hazards،Journal of Land Management،۲۰۲۱.
46. Azimzadeh Y., Najafi N., Abdolmaleki E., Amirloo B،Changes in some chemical properties of various organic materials after converting in biochar and hydrochar،Applied Soil Research،۲۰۲۰.
47. Mardomi S., Najafi N., Reyhanitabar A., Dehghan G،Effect of phosphorus on lead and zinc concentrations in rice root and formation of minerals containing them in a calcareous contaminated soil،Journal of Water and Soil Science University of Tabriz،۲۰۲۰.
48. Asgari Lajayer L., Najafi N., Moghiseh E., Mosaferi M., Hadian J،Effects of sewage sludge irradiation on uptake of macronutrients and sodium in basil plant under greenhouse conditions،Journal

of Nuclear Science and Technology،۲۰۲۰.
49. Najafi N., Mahmoudi Sh., Neyhabouri M., Reyhanitabar A،Effects of soil moisture and sewage sludge on water use efficiency and concentrations of some elements in alfalfa،Iranian Journal of Soil Research،۲۰۲۰.
50. Azimzadeh Y., Najafi N., Reyhanitabar A., Oustan S،Investigation of properties of liquid and solid fractions of hydrochars produced from apple wood wastes at different temperatures and times of hydrothermal carbonization،Iranian Journal of Soil Research،۲۰۱۹.
51. Najafi N., Ahmadinezhad R., Oustan S., Aliasgharzad N،Effects of urea integration with manure and two types of compost (municipal solid waste and sewage sludge) on leaf, stem and seed yield of wheat and their nitrogen, phosphorus and potassium concentration،Journal of Water and Soil،Ferdowsi University of Mashhad،۲۰۱۹.
52. Azimzadeh Y., Najafi N., Reyhanitabar A., Oustan S., Khataee A،Effects of layered double hydroxide functionalized biochars and hydrochars on dry matter and N, P, and K concentrations of corn،Journal of Agricultural Engineering،۲۰۱۹.
53. Asgari Lajayer L., Najafi N., Moghiseh E., Mosaferi M., Hadian J،Effects of gamma irradiated and non،irradiated sewage sludge on uptake of micronutrients and heavy metals in basil،Journal of Agricultural Science and Sustainable Production،۲۰۱۹.
54. Mardomi S., Najafi N., Reyhanitabar A., Dehghan G،Effects of phosphorous and contamination of lead and zinc on extraction kinetics of the available P, Pb and Zn in a calcareous soil under waterlogged conditions،Journal of Water and Soil Science، University of Tabriz،۲۰۱۹.
55. Najafi N., Ahmadinezhad R., Oustan S., Aliasgharzad N،Effects of urea integration with manure and two types of compost (municipal waste and sewage sludge) on concentrations of micronutrients and sodium in wheat leaf, stem and seed،Journal Water and Soil Conservation،۲۰۱۹.
56. Ghasemi Piranlo F., Sarikhani M.R., Najafi N،Study the survival of Enterobacter cloacae bacteria in several solid carriers and effect of prepared inoculants on germination and growth of wheat،Journal of Agricultural Science and Sustainable Production،۲۰۱۹.
57. Sadeghi Saadatlou F., Reyhanitabar A., Najafi N., Bybordi A،Effects of combined application of nitrogen (N) and iron (Fe) on chlorophyll index and some growth characteristic of corn plant under greenhouse conditions،Journal of Water and Soil Science، University of Tabriz،۲۰۱۹.
58. Mahdizadeh M., Najafi N،Application of nano،sensors in the determination of soil moisture and temperature.،Journal of Land Management،۲۰۱۹.
59. Maghsoodi M., Najafi N،Effects of nanomaterial overdose in plant nutrition،Journal of Land Management،۲۰۱۹.
60. Mahdizadeh M., Najafi N،Behavior and fate of nanoparticles in soil،Journal of Land Management،۲۰۱۸.
61. Mahdizadeh M., Najafi N،Applications of nanomaterials in soil remediation،Journal of Land Management،۲۰۱۸.
62. Kaboodi S., Shahbazi F., Aliasgharzad N., Najafi N., Davatgar N،Effect of land uses on soil microbial community and spatial variability in Mirabad lands, Naghadeh،Journal of Water and Soil،Ferdowsi University of Mashhad،۲۰۱۸.
63. Kazemalilou S., Najafi N., Reyhanitabar A،Increasing the yield and yield components of sunflower by integrated application of phosphorus and sewage sludge under optimum and limited irrigation conditions،Journal of Water and Soil،Ferdowsi University of Mashhad،۲۰۱۸.
64. Kazemalilou S., Najafi N., Reyhanitabar A،Effects of integrated application of phosphorus fertilizer and sewage sludge on leaf chlorophyll index and some growth characteristics of sunflower under water deficit conditions،Journal of Soil Management and Sustainable Production،۲۰۱۸.
65. Kalantari A., Aliasgharzad N., Najafi N،Effects of two species of Pseudomonas and nitrogen levels on dry Matter, chlorophyll index and N and Zn uptake by spinach plant،Applied Soil Research،۲۰۱۸.
66. Geiklooi A., Reyhanitabar A., Najafi N،Determination and validation of diagnosis norms of nutrients for wheat in Moghan region،Iranian Journal of Soil Research،۲۰۱۸.

67. Darabi Kandlaji R., Oustan S., Aliasgharzad N., Najafi N،Effects of moisture conditions and ammonium concentration on nitrification in two soils with different textures،Journal of Water and Soil Science (Journal of Science and Technology of Agriculture and Natural Resources)،۲۰۱۸.
68. Reyhanitabar A., Eydi M., Najafi N،The interactive effects of nickel and iron on some agronomic traits of corn (Zea mays L.) in a calcareous soil،Journal of Water and Soil Science University of Tabriz،۲۰۱۸.
69. Azimzadeh Y., Najafi N., Reyhanitabar A., Oustan S،Efficiency of Mg Al layered double hydroxide for phosphorous removal from aqueous solution،Iranian Journal of Health and Environment،۲۰۱۷..
70. Jahanian A., Tabatabaei S.J., Najafi N،of phosphite and phosphate in different pH on yield, growth and P status in Broccoli،Horticultural Plants Nutrition،۲۰۱۷.
71. Sadeghi S., Oustan S., Najafi N., Valizadeh M., Monirifar H،. Effects of cadmium and zinc interactions on growth and chemical composition of corn (Zea mays cv. single cross).،Journal of Water and Soil Ferdowsi University of Mashhad،۲۰۱۷.
72. Ahmadi A., Jafari V., Najafi N., Palizvanzand H., Sadeghzadeh M.E،. Temporal changes of runoff generation and soil loss during the growth season of rainfed chickpea (A case study: in Tikmeh dash research station, East Azerbaijan)،Iranian Journal of Soil and Water Research،۲۰۱۷.
73. Abdolmaleki E., Reyhanitabar A., Najafi N،Determination of the critical level of copper for corn in some soils of East Azerbaijan province،Iranian Journal of Soil and Water Research،۲۰۱۷.
74. Maghsoodi M., Najafi N،Effects of nano micronutrient fertilizers on plant nutrition،Journal of Land Management،۲۰۱۷.
75. Maghsoodi M., Najafi N،Nanofertilizers and their fate in plants،Mahname Sonboleh،۲۰۱۷.
76. Azimzadeh Y., Najafi N،Effects of biochar on soil physical, chemical, and biological properties،Journal of Land Management،۲۰۱۷.
77. Maghsoodi M., Najafi N،Potassium, phosphorus, sulfur, calcium and magnesium nanofertilizers and their effect on plant nutrition،Journal of Agriculture and Food،۲۰۱۷.
78. Azimzadeh Y., Najafi N،Biochar: the material with unique properties for carbon sequestration and global warming mitigation،Journal of Land Management،۲۰۱۷.
79. Mahdizadeh M., Najafi N،Effects of nanoparticles on soil microorganisms،Journal of Nano World (Donyaye Nano)،۲۰۱۷.
80. Maghsoodi M., Najafi N،Effects of some nanoparticles and nanofertilizers of beneficial elements on plants nutrition and growth،Journal of Agricultural World،۲۰۱۷.
81. Asgari B., Najafi N., Moghiseh E،Review on some applications of ionizing radiation in water, sewage effluent and sludge refinement on an industrial scale،Journal of Radiation and Nuclear Technology،۲۰۱۷.
82. Taha J., Najafi N،The role of calcium in fruit trees in tropical and semi arid regions،Mahname Sonboleh،۲۰۱۷.
83. Taha J., Najafi N،The role of calcium in fruit trees of temperate regions and small fruits،Journal of New Methods of Irrigation،۲۰۱۷.
84. Azimzadeh Y., Najafi N،Interactive effect of phosphorus and soil salinity on agricultural crops production،Mahname Sonboleh،۲۰۱۶.
85. Asgari H., Najafi N., Moghiseh E،Effects of ionizing radiation application on physical, chemical and biological properties of effluent wastewater،Journal of Land Management،۲۰۱۶.
86. Maghsoodi M., Najafi N،Application of nitrogen nanofertilizers in plants nutrition،Journal of Nano World (Donyaye Nano)،۲۰۱۶.
87. Motalebifard R., Najafi N،Effect of drought stress on nutrient concentrations in plant،Zeitun،۲۰۱۶.
88. ۱۱. Najafi N., Motalebifard R،The Effect of zinc on abiotic stresses tolerance in plants،Zeitun،۲۰۱۶.
89. Asgari H., Najafi N., Moghiseh E،Review of the mechanisms of ionizing radiation effect on removal of organic, mineral and microbial pollutants from effluent in combination with different chemicals and photocatalysts،Journal of Radiation and Nuclear Technology،۲۰۱۶.
90. ۹. Asgari H., Najafi N., Moghiseh E،Cultivation of medicinal plants in soils contaminated with heavy

metals: Strategy for managing contaminated lands،Journal of Land Management،۲۰۱۶.
91. ۸. Asgari H., Najafi N., Moghiseh E،Effect of soil contamination with heavy metals on the production of medicinal plants،Journal of Land Management،۲۰۱۶.
92. Asgari H., Najafi N., Moghiseh E،Review on mechanisms of pharmaceuticals and personal care products (PPCPs) removal from water and wastewater by ionizing radiation،Journal of Environment and Water Engineering،۲۰۱۶.
93. Najafi, N., Mohammadnejad A،Differential concentrations of some nutrients in forage of corn (Zea mays L.) as affected by organic fertilizers and soil compaction،Journal of Crop Ecophysiology،۲۰۱۶.
94. Markarian Sh., Najafi N., Aliasgharzad N., Oustan S،Effects of Sinorhizobium meliloti bacterium and phosphorus on leaf chlorophyll index, nitrogen and phosphorus concentrations in alfalfa shoot and root under drought stress conditions،Water and Soil Science University of Tabriz،۲۰۱۶.
95. Markarian Sh., Najafi N., Aliasgharzad N., Oustan S،Interactive effects of Ensifer meliloti (Sinorhizobium meliloti) and phosphorus on some growth characteristics of alfalfa under soil water deficit conditions،Journal of Soil Biology،۲۰۱۶.
96. Motalebifard R., Najafi N., Oustan S،Effects of zinc and phosphorus on nutrients, starch and reducing sugar concentrations of potato tubers under with or without water deficit stress.،Journal of Water and Soil Ferdowsi University of Mashhad،۲۰۱۶.
97. Khalkhal K., Reyhanitabar A., Najafi N،. Evaluation of some extractants for determination of corn available iron in some soils of East Azerbaijan province،Iranian Journal of Soil and Water Research،۲۰۱۶.
98. Khamseh A., Oustan S., Shahbazi F., Najafi N., Davatgar N،. The Relationships between Cu contamination and soil characteristics in downstream of Mazra'eh copper mine (Ahar East Azarbaijan)،Water and Soil Science University of Tabriz،۲۰۱۶.
99. Khalkhal K., Reyhanitabar A., Najafi N،Determination of soil iron critical level for corn plant in East Azerbaijan province،Journal of Soil Management and Sustainable Production،۲۰۱۶.
100. Sadeghi S., Oustan S., Najafi N., Valizadeh M., Monirifar H،Interaction effects of zinc and cadmium on growth and chemical composition of canola (Brassica napus cv. Hyola) in a loamy sand soil،Water and Soil Science University of Tabriz،۲۰۱۶.
101. Ansari S., Sarikhani M.R., Najafi N،Inoculation effects of nitrogen and phosphate biofertilizers on corn in presence of indigenous microflora of soil،Journal of Agricultural Science and Sustainable Production،۲۰۱۵.
102. Movahedpour F., Dabbagh Mohammadi Nassab A., Najafi N., Amini R،. Effect of humic acid and EDTA on growth characteristics, grain yield and yield components of oilseed rape (Brassica napus L.) under copper toxicity stress،Journal of Agricultural Science and Sustainable Production،۲۰۱۵.
103. Mahmoudi S., Najafi N., Reyhanitabar A،Effects of soil moisture and sewage sludge compost on leaf chlorophyll index and some growth traits of alfalfa in greenhouse conditions،Journal of Soil and Plant Interactions،۲۰۱۵.
104. Reyhanitabar A., Maghsoodi M.R., Najafi N،. Feasibility study of phosphorus buffering capacity (PBC) application for estimation of corn available phosphorus in some calcareous soils،. Journal of Soil Management and Sustainable Production،۲۰۱۵.
105. Ansari S., Sarikhani M.R., Najafi N،Inoculation effect of common biofertilizers on growth and uptake of some elements by bean (Phaseolus vulgaris L.) in presence of soil indigenous microflora،Journal of Agricultural Science and Sustainable Production،۲۰۱۵.
106. Mahmoudi S., Najafi N., Reyhanitabar A،Effect of soil moisture and sewage sludge compost on some soil chemical properties and alfalfa forage macronutrients concentrations in greenhouse conditions،Journal of Soil and Plant Interactions،۲۰۱۵.
107. Najafi N., Mostafae M.،Improvement of corn plant nutrition by farmyard manure application and intercropping with bean and bitter vetch in a calcareous soil،Journal of Soil Management and Sustainable Production،۲۰۱۵.
108. Saleh J., Najafi N., Oustan S،Effects of silicon supplementation on growth, chemical composition

and some physiological properties of rice (Oryza sativa L.) under saline conditions،Journal of Science and Technology of Agriculture and Natural Resources, Water and Soil Science،۲۰۱۵.
109. Maghsoodi M., Reyhanitabar A., Najafi N،Comparison of artificial neural network and regression models for estimating dry weight and P uptake of corn،Water and Soil Science University of Tabriz،۲۰۱۵.
110. Neyshabouri M.R., Zarehaghi D., Yazdani S., Sadeghzadehreihan M.A،Corn response to least limiting water range (LLWR) at two compaction levels in a clay loam soil،Water and Soil Science University of Tabriz،۲۰۱۵.
111. Mohammadnejad A., Najafi N., Neyshabouri M.R،Effects of three types of organic fertilizers on the growth characteristics and water use efficiency of corn at different levels of soil compaction،Journal of Soil Management and Sustainable Production،۲۰۱۵.
112. Azizi G., Reyhanitabar A., Zarehaghi D., Najafi N،. Simultaneous effects of soil compaction and moisture on Fe and Mn uptake by pistachio (Pistachio vera L.) seedlings،. Applied Soil Research،۲۰۱۵.
113. Maghsoodi M., Reyhanitabar A., Najafi N،Kinetics of phosphorus release and correlation of its parameters with soil properties and corn growth in some calcareous soils of East Azerbaijan province،Applied Soil Research،۲۰۱۵.
114. Asgari H., Najafi N., Moghiseh E،Study of the possibility of using gamma irradiated sewage sludge in different plants production،Journal of Radiation and Nuclear Technology،۲۰۱۵.
115. ۷. Asgari H., Najafi N., Moghiseh E،Study of the mechanisms of gamma rays in purification and disinfection of sewage sludge،Journal of Radiation and Nuclear Technology،۲۰۱۵.
116. ۵. Azimzadeh Y., Najafi N،Selenium distribution in the environment and its role in the human food chain (Part II)،Sonboleh،۲۰۱۴.
117. ۴. Azimzadeh Y., Najafi N،Selenium distribution in the environment and its role in the human food chain (Part I)،Sonboleh،۲۰۱۴.
118. ۶. Azimzadeh Y., Najafi N،Selenium distribution in the environment and its role in the human food chain (Part III)،Sonboleh،۲۰۱۴.
119. Ebrahimzad S.A., Aliasgharzad N., Najafi N،Effect of land use changes on soil enzyme activity in Sulduz plain (NaqadehWest Azarbaijan)،Journal of Soil Management and Sustainable Production،۲۰۱۴.
120. Ebrahimzad S.A., Aliasgharzad N., Najafi N،Effect of land use changes on soil enzyme activity in Sulduz plain (NaqadehWest Azarbaijan)،Journal of Soil Management and Sustainable Production،۲۰۱۴.
121. Pourmirzaei Z., Aliasgharzad N., Najafi N،Effects of Streptomycets on growth and mycorrhizal colonization of leek root،Water and Soil Science University of Tabriz،۲۰۱۴.
122. Babaakbari Sari M., Farahbakhsh M., Savaghebi G.R., Najafi N،Investigation of arsenic concentration in some of the calcareous soils of Ghorveh and arsenic uptake by maize, wheat and rapeseed in a natural contaminated soil،Water and Soil Science University of Tabriz،۲۰۱۴.
123. Ebrahimzad S.A., Aliasgharzad N., Najafi N،Impressionability of some soil ecophysilogical indices by land use changes in Suldoz Plain (Naqadeh, West Azarbaijan)،Journal of Agricultural Science and Sustainable Production،۲۰۱۴.
124. Heydari N., Reyhanitabar A., Najafi N., Oustan S،Phosphorus fractions of selected calcareous soils of Eastern Azerbaijan province and their relationships with some soil characteristics،Iranian Journal of Soil and Water Research،۲۰۱۴.
125. Yazdani Motlag N., Reyhanitabar A., Najafi N،Interactive effect of nitrogen and phosphorus on rice Fe, Zn, and Mn uptake under continuous submergence and intermittent saturation،Iranian Journal of Soil and Water Research،۲۰۱۴.
126. Kazemzadeh M., Peighambardoust H., Najafi N،Improving the nutrients concentrations of wheat flour cv. alvand by integrated application of organic and nitrogen fertilizers.،Iranian Journal of Soil and Water Research،۲۰۱۴.
127. Najafi N., Towfighi H،Changes in available phosphorus and inorganic native phosphorus fractions after waterlogging in the paddy soils of north of Iran،Journal of Science and Technology of Agriculture and Natural Resources, Water and Soil Science،۲۰۱۴.

128. Maghsoodi M.R., Reyhanitabar A., Najafi N،Determination of soil phosphorus critical level for corn plant in East Azerbaijan province.،Journal of Water and Soil Ferdowsi University of Mashhad،۲۰۱۴.
129. Maghsoodi M.R., Reyhanitabar A., Najafi N،Evaluation of some extraction methods for determination of corn available phosphorus in some calcareous soils of East Azerbaijan province،Water and Soil Science University of Tabriz،۲۰۱۴.
130. Motalebifard R., Najafi N., Oustan S،Effects of different soil moisture conditions and zinc sulfate and monocalcium phosphate fertilizers on the extractable P in a calcareous soil،Water and Soil Science University of Tabriz،۲۰۱۴.
131. Motalebifard R., Najafi N., Oustan S., Nyshabouri M.R., Valizadeh M،Effects of soil moisture, phosphorus and zinc levels on the growth attributes of potato in greenhouse conditions،Iranian Journal of Soil and Water Research،۲۰۱۴.
132. Yazdani Motlag N., Reyhanitabar A., Najafi N., Bandehag A،Effects of combined application of nitrogen and phosphorus on the growth characteristics of rice plants under flooded and periodic saturation conditions،Water and Soil Science University of Tabriz،۲۰۱۴.
133. Najafi N., Sarhangzadeh E،Effects of soil salinization and waterlogging on the concentrations of some macronutrients and sodium in corn shoot،. Water and Soil Science University of Tabriz،۲۰۱۴.
134. Najafi N., Abbasi M،Effects of rice cultivation, sewage sludge and chemical fertilizers on the changes in iron, zinc, copper and manganese concentrations in the soil solution after submergence.،Applied Soil Research،۲۰۱۴.
135. Hajiaghaei Kamrani M., Hashemimajd K., Najafi N., Hosseinniya H،. Effect of planting bed and soilless media on growth and yield of potato minitubers،Agroecology Journal،۲۰۱۴.
136. Soltani Siahpush S., Hashemi Majd K., Najafi N., Aghighi Shahverdi M،. Effect of phosphorus on growth characteristics of corn in saline soils of Ardabil region،Journal of Crop Improvement Research،۲۰۱۴.
137. Najafi N., Mardomi،Effects of sunflower cultivation, manure and sewage sludge on availability of elements, pH and EC of an alkaline soil،Applied Soil Research،۲۰۱۳.
138. Lotfi Arpachaei Z., Esmali Ouri A., Hashemimajd K., Najafi N،Soil fertility evaluation of ardabil plain for wheat and potato based on some soil chemical properties by AHP and GIS techniques،Journal of Water and Soil Ferdowsi University of Mashhad،۲۰۱۳.
139. Abbasi M., Najafi N., Aliasgharzad N., Oustan S،Effects of soil water conditions, sewage sludge, poultry manure and chemical fertilizers on the growth characteristics and water use efficiency of rice plant in a calcareous soil،Water and Soil Science University of Tabriz،۲۰۱۳.
140. Najafi N., Mostafaei M., Dabbagh Mohammadi Nasab A., Oustan S،Effect of intercropping and farmyard manure on the growth, yield and protein concentration of corn, bean and bitter vetch،Journal of Agricultural Science and Sustainable Production،۲۰۱۳.
141. Kazemzadeh M., Peighambardoust H., Najafi N،Effect of organic and nitrogen fertilizers on physicochemical properties and bread making quality of wheat،Journal of Food Research،۲۰۱۳.
142. Najafi N., Sarhangzadeh E., Oustan S،Effects of NaCl salinity and soil waterlogging on the concentrations of some micronutrients in corn, single cross ۷۰۴،Water and Soil Science University of Tabriz،۲۰۱۳.
143. Ahmadinejad R., Najafi N., Aliasgharzad N., Oustan S،Effects of organic and nitrogen fertilizers on water use efficiency, yield and the growth characteristics of wheat،Water and Soil Science University of Tabriz،۲۰۱۳.
144. Shirzadeh N., Aliasgharzad N., Najafi N،Changes in microbial biomass carbon, ecophysiological indices, basal respiration and substrate induced respiration of soil after incubation with different lead levels،Water and Soil Science University of Tabriz،۲۰۱۳.
145. Nasiri Y., Zehtab Salmasi S., Nasrullah Zadeh S., Ghassemi Gholezani K., Najafi N., Javanmard A،Evaluation of foliar spray of ferrous sulfate and zinc sulfate on yield and nutrients concentration of aerial parts in German chamomile،Journal of Agricultural Science and Sustainable Production،۲۰۱۳.
146. Najafi N., Abbasi M., Aliasgharzad N., Oustan S،Effects of rice cultivation, submergence, sewage

sludge compost and chemical fertilizers on soil solution pH, EC, potassium and sodium،Water and Soil Science University of Tabriz،۲۰۱۳.
147. Heydari N., Reyhanitabar A., Najafi N., Oustan S،Relationships between inorganic and organic phosphorus fractions with corn growth and phosphorus uptake in some soils of East Azerbaijan province،Journal of Soil Management and Sustainable Production،۲۰۱۳.
148. Hakimi M., Aliasgharzad N., Sarikhani M.R., Najafi N،Effect of dual inoculation with Pseudomonas fluorescencs and Glomus intraradices on nutrient uptake in tomato under different salinity levels،Applied Soil Research،۲۰۱۳.
149. Kazemzadeh M., Peighambardoust H., Najafi N،Effect of organic and nitrogen fertilizers on physicochemical properties and bread making quality of wheat،Journal of Food Research،۲۰۱۳.
150. Najafi N., Sarhangzadeh E., Oustan S،Effects of NaCl salinity and soil waterlogging on the concentrations of some micronutrients in corn, single cross ۷۰۴،Water and Soil Science University of Tabriz،۲۰۱۳.
151. Ahmadinejad R., Najafi N., Aliasgharzad N., Oustan S،. Effects of organic and nitrogen fertilizers on water use efficiency, yield and the growth characteristics of wheat،Water and Soil Science University of Tabriz،۲۰۱۳.
152. Shirzadeh N., Aliasgharzad N., Najafi N،Changes in microbial biomass carbon, ecophysiological indices, basal respiration and substrate induced respiration of soil after incubation with different lead levels،Water and Soil Science University of Tabriz،۲۰۱۳.
153. Nasiri Y., Zehtab Salmasi S., Nasrullah Zadeh S., Ghassemi Gholezani K., Najafi N., Javanmard A،Evaluation of foliar spray of ferrous sulfate and zinc sulfate on yield and nutrients concentration of aerial parts in German chamomile،Journal of Agricultural Science and Sustainable Production،۲۰۱۳.
154. Najafi N., Abbasi M., Aliasgharzad N., Oustan S،Effects of rice cultivation, submergence, sewage sludge compost and chemical fertilizers on soil solution pH, EC, potassium and sodium،Water and Soil Science University of Tabriz،۲۰۱۳.
155. Hakimi M., Aliasgharzad N., Sarikhani M.R., Najafi N.،Effect of dual inoculation with Pseudomonas fluorescencs and Glomus intraradices on nutrient uptake in tomato under different salinity levels،Applied Soil Research،۲۰۱۳.
156. Najafi N., Mardomi S., Oustan S،Influence of waterlogging, sewage sludge and manure on the heavy metals concentrations in roots and shoots of sunflower in a loamy sand soil،Journal of Science and Technology of Agriculture and Natural Resources, Water and Soil Science،۲۰۱۲.
157. Najafi N., Mardomi S،The effects of waterlogging, sewage sludge and manure on the growth characteristics of sunflower in a sandy loam soil،Journal of Water and Soil Ferdowsi University of Mashhad،۲۰۱۲.
158. Najafi N., Sarhangzadeh E،Effect of NaCl salinity and soil waterlogging on growth characteristics of forage corn in greenhouse conditions،Journal of Soil and Plant Interactions،۲۰۱۲.
159. Najafi N., Mardomi S., Oustan S،Changes in DTPA extractable copper, iron, manganese and zinc after waterlogging and application of sewage sludge and animal manure in two different soils،Iranian Journal of Soil and Water Research،۲۰۱۲.
160. Abbasi M., Najafi N., Aliasgharzad N., Oustan S،Effects of soil water conditions, sewage sludge and chemical fertilizers on concentrations of rice macronutrients in an alkaline soil.،Journal of Soil Management and Sustainable Production،۲۰۱۲.
161. Najafi N., Mardomi S., Oustan S،The effect of waterlogging, sewage sludge and manure on selected macronutrients and sodium uptake in sunflower plant in a loamy sand soil،Journal of Water and Soil Ferdowsi University of Mashhad،۲۰۱۲.
162. Amanifar S., Aliasgharzad N., Najafi N., Oustan S., Bolandnazar S،Effect of arbuscular mycorrhizal fungi on lead phytoremediation by sorghum،Water and Soil Science University of Tabriz،۲۰۱۲.
163. Najafi N., Towfighi H،Effects of rhizosphere of rice plant on the inorganic phosphorus fractions in the paddy soils (in North Iran) following P fertilizer application،Iranian Journal of Soil and Water Research،۲۰۱۲.

164. Valizadeh Fard F., Reyhanitabar A., Najafi N., Oustan S،Effects of combined application of Cd and Zn on the growth characteristics of rice plant and zinc, cadmium, iron and manganese concentration in soil under flooded vs. non-flooded conditions،Iranian Journal of Soil and Water Research،۲۰۱۲.
165. Valizadeh Fard F., Reyhanitabar A., Najafi N., Oustan S،. Effects of combined application of Cd and Zn in calcareous soils on uptake of P, Cu, Fe and Mn by two varieties of rice in flooded vs. nonflooded conditions.،Iranian Journal of Soil and Water Research،۲۰۱۲.
166. Hosseini S.R., Oustan S., Aliasghazad N., Najafi N،Factors affecting oxidation of Cr(III) to Cr(VI) in some soils of North and North-West of Iran،Water and Soil Science- University of Tabriz،۲۰۱۲.
167. Najafi N., Towfighi H،Effects of rhizosphere of rice plant on the inorganic phosphorus fractions in the paddy soils (in North Iran) following P fertilizer application،Iranian Journal of Soil and Water Research،۲۰۱۲.
168. Valizadeh Fard F., Reyhanitabar A., Najafi N., Oustan S،Effects of combined application of Cd and Zn on the growth characteristics of rice plant and zinc, cadmium, iron and manganese concentration in soil under flooded vs. non-flooded conditions،Iranian Journal of Soil and Water Research،۲۰۱۲.
169. Valizadeh Fard F., Reyhanitabar A., Najafi N., Oustan S،Effects of combined application of Cd and Zn in calcareous soils on uptake of P, Cu, Fe and Mn by two varieties of rice in flooded vs. nonflooded conditions،Iranian Journal of Soil and Water Research،۲۰۱۲.
170. Hosseini S.R., Oustan S., Aliasghazad N., Najafi N،. Factors affecting oxidation of Cr(III) to Cr(VI) in some soils of North and North-West of Iran،Water and Soil Science- University of Tabriz،۲۰۱۲.
171. ۳. Saleh J., Najafi N،Interaction of silicon and sodium chloride salinity in plants،Zeitun،۲۰۱۲.
172. ۲. Hosseini S.R., Najafi N., Oustan S،. Chromium in soil, plants and human،Zeitun،۲۰۱۱.
173. ۱. Saleh J., Najafi N،The roles of silicon in plants،Zeitun،۲۰۱۱.
174. Najafi N., Towfighi H،Effects of soil moisture regimes and phosphorus fertilizer on available and inorganic P fractions in some paddy soils, North of Iran،Iranian Journal of Soil and Water Research،۲۰۱۱.
175. Faryadi M., Oustan S., Aliasgarzad N., Najafi N،Zinc immobilization in two Zn-spiked soils.،Water and Soil Science- University of Tabriz،۲۰۱۱.
176. Najafi N., Parsazadeh M.،Effect of nitrogen form and pH of nutrient solution on the shoot concentration of phosphorus, nitrate, and nitrogen of spinach plant in hydroponic culture،Journal of Soil and Plant Interactions،۲۰۱۰.
177. Najafi N., Parsazadeh M., Tabatabaei S.J., Oustan S،Effect of pH and nitrate to ammonium ratio of nutrient solution on the growth characteristics and yield of spinach،Iranian Journal of Soil and Water Research،۲۰۱۰.
178. Najafi N., Parsazadeh M., Tabatabaei S.J., Oustan S،. Effect of nitrogen form and pH of nutrient solution on the uptake of Fe, Zn, Cu and Mn by spinach plant in hydroponic culture.،Iranian Journal of Soil and Water Research،۲۰۱۰.
179. Najafi N., Parsazadeh M., Tabatabaei S.J., Oustan S،. Effect of nitrogen form and pH of nutrient solution on the uptake and concentration of potassium, calcium, magnesium and sodium in root and shoot of spinach plant،Water and Soil Science- University of Tabriz،۲۰۱۰.
180. Shirmohammadi E., Aliasgharzad N., Oustan S., Najafi N., Shirmohammadi B،. Effects of micronutrients deficiency and inoculation with arbuscular mycorrhizal fungi on chelator exudation by tomato root،Journal of Soil and Plant Interactions،۲۰۱۰.
181. Khiavi M., Khorshidi M.B., Esmaeili M., Azarabadi S., Faramarzi A., Najafi N., Emaratpardaz J،Effects of foliar application of zinc sulfate and boric acid at different phonological stages on yield and growth characteristics of two rapeseed cultivars (Brassica napus L.)،Water and Soil Science- University of Tabriz،۲۰۱۰.
182. Najafi N., Parsazadeh M،Effect of nitrogen form and pH of nutrient solution on the changes in pH and EC of spinach rhizosphere in hydroponic culture،Journal of Soil and Plant Interactions،۲۰۱۰.
183. Najafi N., Towfighi H.،Effects of rhizosphere of rice on the inorganic phosphorus fractions in paddy soils of north of Iran: ۱- Native phosphorus fractions،Iranian Journal of Agricultural Science،۲۰۰۶.
184. مهدی‌زاده م، نجفی ن.، اوستان ش.، شیرین‌فکر ا.، محمود سلطانی ش.،تأثیر هیدروچارهای کاه برنج و لجن

فاضلاب بر برخی صفات زراعی و شاخص کلروفیل برگ برنج در یک خاک لوم شنی قلیایی آلوده به سرب،تحقیقات آب و خاک ایران،شماره صفحات ۱۷،۱۴۰۴.
185. سلیمی ترازوج، س.، ریحانی تبار، ع.، نجفی، ن.،تأثیر مصرف توأم بیوچار و فسفر بر رشد و تغذیه کلزا در یک خاک لوم قلیایی،دانش کشاورزی و تولید پایدار،مجلد ۳۵،شماره صفحات ۳۱۷،۱۴۰۴.
186. NHA(ا)شده با نیتروژن (امیرزایی ورویی م.، اوستان ش.، ریحانی‌تبار ع. و نجفی ن.،تأثیر کاربرد هیومیک اسید غنی ذرت (سینگل کراس ۷۰۴)،دانش آب و خاک، ۳۴(۱): ۱۱۱-۱۰۱.۱۴۰۳،۹۱بر ویژگی های مورفولوژیک و فیزیولوژیک.
187. وصلی دیزجیکان آ.، ساریخانی م.، نجفی ن.،اثر تلقیح برخی زادمایه‌های مایع انتروباکتر کلوآسه بر درصد روغن، اسیدهای چرب و شاخص‌های تغذیه‌ای گیاه کلزا (Brassica napus L.).،۰۱ ۰۴ ۱۴۰۳،.۳۸–۱۷(۲): ۳۴،دانش آب و خاک.
188. کاشی س.م.، علیزاده اجیرلو س. و نجفی ن.،تأثیر آبیاری با پساب فاضلاب تصفیه شده بر صفات رشدی و غلظت عناصر غذایی (N، P و K) چند گیاه پوششی منظر (نمونه موردی: تصفیه‌خانه شهر پرند)،مجله روابط خاک و گیاه-دانشگاه صنعتی اصفهان، ۱۵(۱): ۳۱–۱۷،.۱۴۰۳ ۰۱ ۰۱.
189. کاشی س.م.، علیزاده اجیرلو س. و نجفی ن.،تأثیر آبیاری با پساب فاضلاب تصفیه‌شده بر خواص شیمیایی خاک تحت کشت گیاهان پوششی (مطالعه موردی: شهر پرند)،علوم آب و خاک-دانشگاه صنعتی اصفهان، ۲۸(۱): ۱۵۹-۱۴۵،.۱۴۰۳ ۰۱ ۰۱.
190. سلیمی ترازوج س. ریحانی تبار ع.، نجفی ن.،اثر بیوچار و کود فسفر بر ماده خشک و جذب کلسیم، منیزیم، آهن، روی، مس و منگنز به‌وسیله گیاه کلزا در یک خاک آهکی،دانش خاک و گیاه، ۳۴(۴): ۱۱۳-۹۱،.۱۴۰۳.
191. قادرپور ا.، ریحانی تبار ع.، نجفی ن.، زارع حقی د.، سلیمی ترازوج س،تأثیر مصرف توأم بیوچار و نیتروژن بر برخی خصوصیات زراعی گیاه کلزا و کارایی مصرف آب در شرایط تنش کم‌آبی،دانش کشاورزی و تولید پایدار، ۳۴(۴): ۱۲۴–۱۰۳،.۱۴۰۳.
192. Najafi N.،. Effects of soil salinization and waterlogging on the concentrations of some macronutrients and sodium in corn root،Journal of Crop Ecophysiology،. ۲۰۱۵.
193. Azizi G., Zarehaghi D., Reyhanitabar A., Najafi N،The effect of soil compaction on nitrogen, phosphorus and potassium uptake in and out of the least limiting water range in pistachio, cv. Sarakhs, seedlings،Journal of Pistachio Science and Technology،. ۲۰۱۵.
194. Yazdani Motlagh N., Reyhanitabar A., Najafi N،Effects of combined application of nitrogen and phosphorus on their and potassium uptake by rice plant under flooded vs. non□flooded conditions،Iranian Journal of Soil and Water Research،. ۲۰۱۴.
195. Heydari N., Reyhanitabar A., Najafi N., Oustan S،Relationships between inorganic and organic phosphorus fractions with corn growth and phosphorus uptake in some soils of East Azerbaijan province،Journal of Soil Management and Sustainable Production،. ۲۰۱۳.
196. Hajiaghaei Kamrani M., Hashemimajd K., Najafi N., Tabatabaei S.J،Effect of different growth media on number of minitubers and concentration of elements in potato (Solanum tuberosum L.) shoot and root،Journal of Soil and Plant Interactions،. ۲۰۱۲.
197. Abbasi M., Najafi N., Aliasgharzad N., Oustan S،Effects of soil water conditions and organic and chemical fertilizers on growth characteristics and water use efficiency of rice in an alkaline non□calcareous soil،Journal of Soil and Plant Interactions،. ۲۰۱۲.
198. Maghsoodi M.R., Najafi N., Reyhanitabar A., Oustan S.,Effects of biochar, hydrochar, zeolite, and hydroxyapatite nanorods as urea carriers on some agronomical traits and water use efficiency of rice plant,Journal of Soil Science and Plant Nutrition,Vol. 25,2025.
199. Khodabandeh, A., Oustan, S., & Najafi, N,Adsorption thermodynamics of nickel (II) ions on thermochemically modified humic acids derived from a low rank coal,Toxicological & Environmental Chemistry,Vol. 107,pp. 701,2025.
200. Jahanian A., Tabatabaei S.J., Najafi N., Bu□kov□ M., Rasouli F., Ml□ek J., Ercisli S.,Influence of phosphite and phosphate fertilizers at three different pH levels under floating system on the growth, yield, and nutrient concentration of broccoli,Horticultural Science,Vol. 52,pp. 120,2025.
201. Ansari S., Aliasgharzad N., Sarikhani M.R., Najafi N., Arzanlou M., □lmez F,Nitrogen sources alter ligninase and cellulase activities of thermophilic fungi isolated from compost and vermicompost,Folia Microbiologica,2023.
202. Ansari S., Aliasgharzad N., Sarikhani M.R., Najafi N., Arzanlou M., □lmez F.,Nitrogen sources alter ligninase and cellulase activities of thermophilic fungi isolated from compost and vermicompost,Folia

Microbiologica,69(2):323-332,2023.
203. Mirzaei Varoei M., Oustan S., Reyhanitabar A., Najafi N.,Preparation, characterization and nitrogen availability of nitrohumic acid as a slow-release nitrogen fertilizer,Archives of Agronomy and Soil Science, 69(14): 3345–3361.,2023.
204. Kazemalilou S., Najafi N., Reyhanitabar A., Ghaffari M., Azadmard ,& Damirchi S,Sewage sludge and phosphorus increase seed yield, oil and protein concentrations and water use efficiency of sunflower under different levels of water supply,Gesunde Pflanzen,2023.
205. Mirzaei Varoei M., Oustan S., Reyhanitabar A., Najafi N,Preparation, characterization and nitrogen availability of nitrohumic acid as a slow-release nitrogen fertilizer,Archives of Agronomy and Soil Science,2023.
206. Shirzadeh N., Aliasgharzad N., Najafi N,Changes in enzyme activities, microbial biomass, and basal respiration of a sandy loam soil upon long-term exposure to Pb levels,Archives of Agronomy and Soil Science,2022.
207. Faryadi Shahgoli M., Reyhanitabar A., Najafi N., and Oustan S,Kinetic and equilibrium studies on the zinc adsorption-desorption characteristics of some promising biochars in aqueous solutions,Arabian Journal of Geosciences,2022.
208. Mohseni A., Reyhanitabar A., Najafi N., Oustan S. and Bazargan K,Phytoremediation potential and essential oil quality of peppermint grown in contaminated soils as affected by sludge and time,Journal of Agricultural Science and Technology,2022.
209. Shirinfekr A., Oustan S., Najafi N. and Reyhanitabar A,Morphological and biochemical responses of some promising tea genotypes to aluminum-induced soil acidification,International Journal of Horticultural Science and Technology,2022.
210. Siami A., Aliasgharzad N., Maleki L.A., Najafi N., Shahbazi F. and Biswas A,Recalcitrant C source mapping utilizing solely terrain-related attributes and data mining techniques,Agronomy,2022.
211. Khorshid M., Oustan S., Najafi N., Khataee A,Reductive remediation of Cr(VI)-contaminated soils in the presence of zero-valent metals and bimetals,Iranian Journal of Chemistry and Chemical Engineering,2022.
212. Mohseni A., Reyhanitabar A., Najafi N., Oustan S., Bazargan K,Effects of sludge on heavy metals release from peppermint-planted soils during time as assessed by DGT technique,Archives of Agronomy and Soil Science,2021.
213. Omrani M., Shahbazi F., Feizizadeh B., Oustan S., Najaf N,Application of remote sensing indices to digital soil salt composition and ionic strength mapping in the east shore of Urmia Lake, Iran,Remote Sensing Applications: Society and Environment,2021.
214. Azimzadeh Y., Najafi N., Reyhanitabar A., Oustan S., Khataee A,Modeling of phosphate removal by Mg/Al-LDH functionalized biochar and hydrochar from aqueous solutions,Iranian Journal of Chemistry and Chemical Engineering,2021.
215. Geiklooi A., Reyhanitabar A. and Najafi N,Critical indexes of compositional nutrient diagnosis (CND) and its validation in wheat fields,Revista de la Facultad de Agronom□a, Universidad del Zulia,2021.
216. Asgari Lajayer L., Najafi N., Moghiseh E., Mosaferi M., Hadian J,Effects of gamma irradiation on physicochemical and biological characteristics of wastewater effluent and sludge,International Journal of Environmental Science and Technology,2020.
217. Khorshid M., Oustan S., Najafi N., Khataee A,Kinetic characterization of hexavalent chromium stabilization in contaminated soils amended with cocopeat,Arabian Journal of Geosciences,2020.
218. Maghsoodi M.R., Najafi N., Reyhanitabar A., Oustan S,Hydroxyapatite nanorods, hydrochar, biochar, and zeolite for controlled-release urea fertilizers,Geoderma,2020.
219. Azimzadeh Y., Najafi N., Reyhanitabar A., Oustan S., Khataee A,Effects of phosphate loaded LDH-biochar/hydrochar on maize dry matter and P uptake in a calcareous soil,Archives of Agronomy and Soil Science,2020.
220. Asgari Lajayer L., Najafi N., Moghiseh E., Mosaferi M., Hadian J,. Micronutrient and heavy metal

concentrations in basil plant cultivated on irradiated and non‐irradiated sewage sludge‐ treated soil and evaluation of human health risk,Regulatory Toxicology and Pharmacology,2019.
221. Geikloue A., Reyhanitabar A., Najafi N,Investigating the balance status of nutrients in wheat plant using isometric log ratio and field validation of balances,Agronomy Journal,2019.
222. Asgari Lajayer L., Najafi N., Moghiseh E., Mosaferi M., Hadian J,Effects of gamma irradiated and non-irradiated sewage sludge on essential oil content and constituents of Ocimum basilicum L,Journal of Medicinal Plants,2019.
223. Asgari Lajayer B., Najafi N., Moghiseh E., Mosaferi M., Hadian J,Effects of gamma irradiated and non-irradiated sewage sludge on growth characteristics, leaf chlorophyll index, and macronutrients concentrations in basil,Journal of Soil Science and Plant Nutrition,2019.
224. Amanifar S., Aliasgharzad N., Najafi N., Esteki M., Oustan S., Bolandnazar S,Evaluation of the effects of mycorrhizal inoculation on Pb uptake and growth of alfalfa in Pb-contaminated soil,Iran Agricultural Research,2019.
225. Saleh, J., Najafi N., Oustan S., Aliasgharzad N., Ghassemi‐Golezani K,Silicon affects rice growth, superoxide dismutase activity and concentrations of chlorophyll and proline under different levels and sources of soil salinity,Silicon,2019.
226. Mardomi S., Najafi N., Reyhanitabar A., Dehghan G,Antioxidant enzymes activities and dry matter of rice plant as affected by interactions of lead, phosphorus and zinc,The Philippine Agricultural Scientist,2019.
227. Samea‐Andabjadid S., Ghassemi‐Golezani K., Nasrollahzadeh S., Najafi N,Exogenous salicylic acid and cytokinin alter sugar accumulation, antioxidants and membrane stability of faba bean,Acta Biologica Hungarica,2018.
228. Shabani E., Bolandnazar S., Tabatabaei S.J., Najafi N., Alizadeh‐Salteh S., Rouphael Y.,Stimulation in the movement and uptake of phosphorus in response to magnetic P solution and arbuscular mycorrhizal fungi in Ocimum basilicum,Journal of Plant Nutrition,2018.
229. Lotfi R., Ghassemi‐Golezani K., Najafi N,Grain filling and yield of mung bean affected by salicylic acid and silicon under salt stress,Journal of Plant Nutrition,2018.
230. Mohseni A., Reyhanitabar A., Najafi N., Oustan S., Bazargan K,Kinetics of DTPA extraction of Zn, Pb, and Cd from contaminated calcareous soils amended with sewage sludge,Arabian Journal of Geosciences,2018.
231. Alisgharzad N., Pakdelfard F., Najafi N,Efficiency of native heterocystous cyanobacterial isolates for supplying nitrogen and improving rice plant growth,Journal of Environmental Research and Development,2018.
232. Asgari Lajayer L., Najafi N., Moghiseh E., Mosaferi M., Hadian J.,Removal of heavy metals (Cu2+ and Cd2+) from effluent using gamma irradiation, titanium dioxide nanoparticles and methanol,Journal of Nanostructure in Chemistry,2018.
233. Khamseh A., Shahbazi F., Oustan S., Najafi N., Davatgar N,Impact of tailings dam failure on spatial features of copper contamination (Mazraeh mine area, Iran),Arabian Journal of Geosciences,2017.
234. Saleh J., Najafi N., Oustan S,Effects of silicon application on wheat growth and some physiological characteristics under different levels and sources of salinity,Communications in Soil Science and Plant Analysis,2017.
235. Movahedpour F., Dabbagh Mohammadi Nasab A., Najafi N., Amini R,Copper phytoextraction of basil (Ocimum basilicum L.) affected by EDTA and humic Acid,Advances in Bioresearch,2017.
236. Geiklooi A., Reyhanitabar A., Najafi N., Homei H,Diagnosis of nutrient imbalance in wheat plant by DRIS and PCA approaches,Journal of Plant Physiology and Breeding,2017.
237. Aliasgharzad N., Afshari Z., Najafi N,Carbon sequestration by Glomeral fungi in soil is influenced by phosphorus and nitrogen fertilization,International Journal on Advanced Science, Engineering and Information Technology,2016.
238. Khorshid M., Oustan S., Najafi N., Khataee A,Treatment of Cr(VI)‐spiked soils using sulfur‐based amendments,Archives of Agronomy and Soil Science,2016.

239. Maghsoodi M., Reyhanitabar A., Najafi N,Development of an alternative to the Olsen test for determining corn plant‐available phosphorus in calcareous soils,Iran Agricultural Research,2015..
240. Soltani Siahpoush S., Hashemimajd K., Najafi N,The effect of diammonium phosphate fertilization on salinity tolerance of maize (Zea mays L.),Journal of Soil Environment,2015..
241. Azizi G., Reyhanitabar A., Zarehaghi D., Najafi N,Ca and Mg of pistachio seedling in response to soil compaction under different water levels,Journal of Biodiversity and Environmental Sciences,2015.
242. Mahdavi S., Dabbagh Mohammadi‐Nasab A., Amini R., Najafi N,Changes in morpho‐physiological traits and gross income of potato (Solanum tuberosum L.) in response to different fertilizers,International Journal of Biosciences,2015.
243. Nasiri Y., Najafi N,Effects of soil and foliar applications of iron and zinc on flowering and essential oil of chamomile at greenhouse conditions,. Acta Agriculturae Slovenica,2015.
244. Azizi G., Zarehaghi D., Reyhanitabar A., Najafi N,Effects of soil compaction on Na and Cu uptake in pistachio seedling under different moisture levels conditions,Journal of Biodiversity and Environmental Sciences,2015.
245. Azizi G., Reyhanitabar A., Zarehaghi D., Najafi N,Soil compaction and moisture levels influence some ion translocation factor of Pistachio,International Journal of Review in Life Sciences,2015.
246. Hoseini S.R., Alidokht L., Oustan S., Aliasgharzad N., Najafi N,Kinetics of Cr(VI) removal by iron filings in some soils. Soil and Sediment Contamination,An International Journal,2015.
247. Maghsoodi M., Reyhanitabar A., Najafi N,Development of an alternative to the Olsen test for determining corn plant‐available phosphorus in calcareous soils,Iran Agricultural Research,2015.
248. Khorshid M., Oustan S., Najafi N., Khataee A,Application of ferrous iron containing minerals to remove hexavalent chromium from soil,Journal of Biodiversity and Environmental Sciences,2015.
249. Ghassemi‐Golezani K., Lotfi R., Najafi N,Some physiological responses of mungbean to salicylic acid and silicon under salt stress,Advances in Bioresearch,2015.
250. Mirashzadeh M., Valizadeh M., Motalebifard R., Najafi N., Taghizadegan M., Shirinpour M., Oustan S,The combined effects of phosphorus and zinc on antioxidant enzyme activity and growth attributes of potato under water deficit conditions,Journal of Biodiversity and Environmental Sciences,2015.
251. Sadeghi S., Oustan S., Najafi N., Valizadeh M., Monirifar H,The impact of cadmium‐zinc interactions on phytobiochemical responses in Brassica napus cv. Hyola,Journal of Biodiversity and Environmental Sciences,2015.
252. Saleh J., Najafi N., Oustan S., Aliasgharzad N., Ghassemi‐Golezani K,Effects of silicon, salinity and waterlogging on the extractable Zn, Cu, K and Na in a sandy loam soil.,International Journal of Agriculture: Research and Review,2013.
253. Shahbazi, F., Aliasgharzad N., Ebrahimzad S.A., Najafi N,. Geostatistical analysis for predicting soil biological maps under different scenarios of land use,European Journal of Soil Biology,2013.
254. Najafi N,Changes in pH, EC and concentration of phosphorus in soil solution during submergence and rice growth period in some paddy soils of north of Iran,International Journal of Agriculture: Research and Review,2013.
255. Rezaei M., Najafi N., Zehtab Salmasi S., Ghassemi Golezani K,Internal efficiency of macronutrients and grain yield of bread wheat genotypes,International Journal of Agronomy and Plant Production,2013.
256. Najafi N., Abbasi M,ffects of soil water conditions, sewage sludge, poultry manure and chemical fertilizers on macronutrients concentrations in rice plant,International Journal of Agronomy and Plant Production,2013.
257. Saleh, J., Najafi N., Oustan S., Aliasgharzad N., Ghassemi‐Golezani K,Changes in extractable Si, Fe and Mn as affected by silicon, salinity and waterlogging in a sandy loam soil,Communications in Soil Science and Plant Analysis,2013.
258. Irani Sarand N., Najafi N., Aliasgharzad N., Oustan S,The Effect of urea on the concentrations of Fe, Mn, Zn and Cu in rice plant at two different soils,Journal of Applied Environmental and Biological Sciences,2013.

259. Motalebifard, R., Najafi N., Oustan S., Nyshabouri M.R., Valizadeh M,The combined effects of phosphorus and zinc on evapotranspiration, leaf water potential, water use efficiency and tuber attributes of potato under water deficit conditions,. Scientia Horticulturae,2013.
260. Irani Sarand N., Najafi N., Aliasgharzad N., Oustan S,The effect of urea and level of soil moisture on availability of zinc and copper in two different soils in vitro,Current Research Journal of Biological Sciences,2013.
261. Abbasvand E., Hassannejad S., Shafagh□Kolvanagh J., Zehtab Salmasi S., Najafi N,Survey of plant composition and life form in Khalatposhan rangelands at Tabriz□Iran,Journal of Biodiversity and Environmental Sciences,2013.
262. Halajnia A., Oustan S., Najafi N., Khataee A., Lakzian A,Adsorption–desorption characteristics of nitrate, phosphate and sulfate on Mg–Al layered double hydroxide,Applied Clay Science,2013.
263. Motalebifard, R., Najafi N., Oustan S., Nyshabouri M.R., Valizadeh M,The combined effects of phosphorus and zinc on evapotranspiration, leaf water potential, water use efficiency and tuber attributes of potato under water deficit conditions,Scientia Horticulturae,,2013.
264. Irani Sarand N., Najafi N., Aliasgharzad N., Oustan S,The effect of urea and level of soil moisture on availability of zinc and copper in two different soils in vitro,Current Research Journal of Biological Sciences,2013.
265. Abbasvand E., Hassannejad S., Shafagh□Kolvanagh J., Zehtab Salmasi S., Najafi N,Survey of plant composition and life form in Khalatposhan rangelands at Tabriz□Iran,Journal of Biodiversity and Environmental Sciences,2013.
266. Halajnia A., Oustan S., Najafi N., Khataee A., Lakzian A,Adsorption–desorption characteristics of nitrate, phosphate and sulfate on Mg–Al layered double hydroxide,Applied Clay Science,2013.
267. 21. Aliasgharzad N., Pourmirzaei Z., Dehnad A.R., Najafi N,Streptomyces species favour spore germination and hyphal growth of arbuscular mycorrhizal fungus,International Journal of Agriculture: Research and Review,2012.
268. Valizadehfard F., Reyhanitabar A., Najafi N., Oustan S,Interactive effects of cadmium and zinc application on their uptake by rice under waterlogged and non□waterlogged conditions,Journal of Plant Physiology and Breeding,2012.
269. Nasiri Y., Zehtab□Salmasi S., Nasrollahzadeh S., Najafi N., Ghasemi□Golezani K,Effects of foliar application of micronutrients (Fe and Zn) on flower yield and essential oil of chamomile,Journal of Medicinal Plants Research,2010.
270. Rezaei M., Zehtab□Salmasi S., Najafi N., Ghassemi□Golezani K., Jalalikamali M,Effects of water deficit on nutrient content and grain protein of bread wheat genotypes,International Journal of Food, Agriculture & Environment,2010.
271. Shabani E., Bolandnazar S., Tabatabaei S.J., Najafi N., Alizadeh□Salteh,Motivate the production of pharmaceutical compounds in Ocimum basilicum by magnetic phosphorus solution and Arbuscular mycorrhizal fungi,Journal of Biodiversity and Environmental Sciences,. 2017.
272. Motalebifard R., Najafi N., Oustan S.,Effects of zinc sulphate and monocalcium phosphate fertilizers on extractable Zn and Fe under different soil moisture conditions.,Iran Agricultural Research,. 2013.
273. Halajnia A., Oustan S., Najafi N., Khataee A., Lakzian A,The adsorption characteristics of nitrate on Mg□Fe and Mg□Al layered double hydroxides in a simulated soil solution,Applied Clay Science,. 2012.

Thesis

1. Effects of biochar on zinc kinetic and equilibrium reactions in two acidic and alkaline soils ، Massoume Faryadi
2. Interactive effects of nitrogen and zinc on the uptake of some elements and growth of rice under continuous waterlogging and alternate waterloggin ، Maryam Agamirzae
3. Interactive effects of nitrogen and zinc on the uptake of some elements and growth of rice in saline

and non-saline conditions ، Morvat Moradpour
4. Effects of Organic Fertilizer and Potassium on Kinetics of Extractable Phosphorus and Potassium Changes under Waterlogged and Non-waterlogged Conditions ، Nazanin Ebrahimi
5. Application of compositional nutrient diagnosis (CND) method to assess wheat nutrition status and comparison with the DRIS and DOP methods and validation of obtained norms (Case study: Moghan Agro Industrial Company) ، Abolfazl Gigloe
6. Effect of integrated application of phosphorus and sewage sludge on quantitative and qualitativecharacteristics of oil sunflower (Helianthus annuus L.) under optimum and limited irrigation conditions ، Solmaz Kazemalilo
7. characteristics of oil sunflower (Helianthus annuus L.) under optimum and limited irrigation conditions ، Hemayat Asgari Lajayer
8. Effects of vermicompost, nitrogen, sulfur and manganese on the yield and some quality indices of cucumber under greenhouse conditions ، Hakimeh Hajilouei
9. Synthesis of biochar/hydrochar-based layered double hydroxide composites for sorption of phosphate and nitrate and the feasibility of their using as slow-release fertilizer ، Yaser Azimzadeh
10. Effects of Summer Savory (Satureja hortensis L.) cultivation and sewage sludge application on bioavailability and desorption kinetics of Zn, Pb and Cd in contaminated soils using DGT method ، Amir Mohseni
11. Effect of sewage sludge-derived hydrochar and nitrogen on the growth and nutrition of rice in a Cu-spiked soil ، Elnaz Abdolmaleki
12. Poultry manure hydrochar and salinity effects on the growth and nutrition of rice in a Cu-spiked soil ، Behnaz Amirlo
13. Interactive effects of municipal solid waste compost, nitrogen and zinc on the uptake of some elements and growth of rice ، Navideh Bayani
14. Effects of urea- hydroxyapatite nanohybrid and urea coated zeolite, biochar and hydrochar on the rice growth and nitrogen use efficiency in a calcareous soil ، Mohammad Reza Maqsoodi
15. Morphologic and Physiologic responses of some promising Iranian tea clones to aluminum and fluoride ، Ahmad Shirinfekr
16. Effects of municipal solid waste compost-derived hydrochar and Enterobacter cloacae and Pseudomonas sp. bacteria on the nutrition and growth of canola in a nickel spiked calcareous soil ، Parisa Ghaem
17. Effects of urea and rice straw hydrochar on nutrients uptake and growth of rapeseed plant in a nickel spiked calcareous soil ، Afsaneh Habibzadeh
18. Effects of gypsum, cocopeat and sodium chloride salinity on sorghum growth and nutrition in hydroponics culture ، Sajad Elmi
19. Effects of rice husk-derived hydrochar and ammonium source of nutrient solution on nutrition and growth characteristics of spinach in hydroponic culture ، Zahra Ershadi
20. Morphologic and physiologic responses of some promising Iranian tea clones to aluminum and fluoride ، Ahmad Shirinfekr
21. Effects of rice straw hydrochar and foliar spray of salicylic acid on nutrition and growth of quinoa under saline and non-saline conditions in a hydroponic culture ، Fatemeh Adeli
22. Effects of rice straw and sewage sludge hydrochars on chemical fractions of lead and nutrition and growth of rice plant in a Pb-spiked soil ، Masumeh Mahdizadeh
23. Effects of mixed culture and phosphorus fertilizer on inorganic P fractions, P use efficiency, growth and nutrition of wheat, Lathyrus, and vetch in saline and non-saline conditions ، Maryam Alizadeh
24. Determination of organic and inorganic phosphorus and their relations with P uptake and growth of corn in some calcareous soils of East Azerbaijan province ، Nasim Heidari
25. Effects of waterlogging and organic fertilizers on the chemical properties of soil, growth and nutrition of sunflower ، Sanye Mardomi
26. Effects of NaCl salinity and waterlogging on the chemical properties of soil, growth and nutrition of

corn ، Elmira Sarhangzadeh
27. Effect of two arbuscular mycorrhizal fungi species on lead uptake and translocation in alfalfa and sorghum ، Setareh Amanifar
28. Evaluation of nutrients uptake and changes in grain quality of bread wheat genotypes in response to water deficit ، Mohammad Rezaei
29. Effect of intercropping and animal manure on the nutrition, growth and yield of corn, bean and bitter vetch ، Mahdi Mostafaei
30. Effects of soil moisture conditions and organic and chemical fertilizers on growth and nutrition of rice plant ، Masoume Abbasi
31. Effect of Silicon and Salinity on the Growth, Chemical Composition and Some Physiological Properties of Wheat and Rice in a Sandy Loam Soil ، Jahanshah Saleh
32. Effect of layered double hydroxides (LDHs) application on nitrate leaching and nitrogen uptake by maize ، Akram Halajnia
33. Integrated effect of organic fertilizers and nitrogen on nutrition, growth and yield of wheat (Triticum aestivum cv. Alvand) ، Rashed Ahmadinezhad
34. Effect of urea on nutrient availiability, growth and chemical composition of wheat and rice plants under different conditions in loamy sand and clay loam soils ، Negar Irani
35. Effects of pH and nitrate to ammonium of nutrient solution on the growth and chemical composition of spinach ، Mansur Parsazadeh
36. Effect of cow manure, nitrogen and sulfur on the growth and nutrition of sorghum ، Ayoub Shamsdanesh
37. Effects of soil moisture levels, zinc and phosphorus on the chemical composition and growth of potato ، Rahim Motalebifard
38. Kinetics of Cr(IV) reduction and efficiency of different reductants in removal of Cr(IV) from contaminated soils ، Mahdieh Khorshid Shabestari
39. The Interaction Effects of Zinc and Cadmium on Some Growth Characteristics, Enzyme Activity and Upper Critical Levels of Corn and Canola ، Sirus Sadeghi
40. Integrated effects of phosphorus and zinc on some antioxidant enzymes and elements uptake of rice in a Pb□spiked clay loam soil ، Sanye Mardomi
41. Effects of soil moisture levels and sewage sludge on the elemental composition and growth of alfalfa ، Shahab Mahmoudi
42. Effects of soil moisture and phosphorus levels on the elemental composition and growth of alfalfa inoculated with Sinorhizobium meliloti ، Shakeh Markarian
43. Effects of organic fertilizers and soil compaction on the nutrition and growth of corn and wheat ، Arash Mohamadnezhad
44. Integrated effects of soil compaction and nitrogen fertilizers on the nutrition and growth of corn and wheat ، Fatemeh Jalilian
45. Integrated effects of nitrogen and organic fertilizers on Farinograph characteristics of wheat flour dough ، Javad Kazemnezhad