



شاهین اوستان

استاد

دانشکده: کشاورزی



سوابق تحصیلی			
مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
کارشناسی	۱۳۶۹	خاکشناسی	شهید چمران اهواز
کارشناسی ارشد	۱۳۷۳	خاکشناسی-شیمی و حاصلخیزی خاک	تهران
دکتری	۱۳۸۳	خاکشناسی-شیمی و حاصلخیزی خاک	تهران

اطلاعات استخدامی				
محل خدمت	عنوان سمت	نوع استخدام	نوع همکاری	پایه
	هیئت علمی	رسمی قطعی	تمام وقت	۲۸

سوابق اجرایی

- 1-معاون آموزشی دانشکده کشاورزی
- 2-مدیر گروه علوم و مهندسی خاک

فعالیت های علمی و اجرایی

- 1-عضو هیئت تحریریه فصلنامه آب و خاک
- 2-عضو هیئت تحریریه فصلنامه کاربرد سنجش از دور و سیستم اطلاعات جغرافیایی در علوم محیطی
- 3-عضو هیئت تحریریه مجله تحقیقات آب و خاک ایران
- 4-عضو هیئت تحریریه فصلنامه تحقیقات کاربردی خاک

مقالات در همایش ها

۱. شاهین اوستان و حسن توفیقی، بررسی اثر کشت برنج بر فرمهای مختلف پتاسیم در خاکهای شالیزاری شمال

ایران، پنجمین کنگره علوم خاک ایران، کرج، ایران، ۱۳۷۵.

- Shahin Oustan ,Effect of sodium dodecylbenzene sulfonate (SDBS) on soil aggregate stability .2
.,International Conference: Key Concepts of Soil Physics ,Moscow, Russia ,2019
- Shahin Oustan ,Efficiency of Humic Acid Extracted from Different Sources for Reduction of .3
Hexavalent Chromium ,6th Congress on Soil and Water Resources with International
.Participation ,Izmir, Turkey ,2019
- Shahin Oustan ,Phosphorus Aging Impacts on Sorption-Desorption Features of Lead (Pb) in .4
Soils ,10th International Soil Science Congress on "Environment and Soil Resources
.Conservation" ,Almaty, Kazakhstan ,2018
- Shahin Oustan ,Improving soil functions by zeolitic amendments in agricultural lands ,5th Iran .5
.International Zeolite Conference ,Tabriz, Iran ,2018
- Shahin Oustan ,Removal of chromate from aqueous solutions by reduction with nanoscale Fe- .6
.Al layered double hydroxide ,ICIEM 2016 ,Sousse, Tunisia ,2016
- Shahin Oustan ,Atrazine sorption-desorption properties in some soils of North and North-West .7
.of Iran ,SAFE-2015 ,Ho Chi Minh, Vietnam ,2015
- Shahin Oustan ,Removal of heavy metals from a contaminated calcareous soil using oxalic .8
.and acetic acids as chelating agents ,ICESE-2011 ,Bali Island, Indonesia ,2011
- Shahin Oustan ,& Hassan Towfighi ,Sorption of phosphorus at low equilibrium concentrations .9
in some soils of Iran ,4th International Symposium on Phosphorus Dynamics in the Soil-Plant
. ,Beijing, China ,2010
- Shahin Oustan ,Potassium fixation as affected by moisture conditions in some soils of .10
Azerbaijan ,International Meeting on Soil Fertility, Land Management and Agroclimatology
. ,Kusadasi, Turkey ,2008
- Shahin Oustan ,& Hassan Towfighi ,Potassium depletion from paddy soils in north of Iran .11
. ,2th International Rice Research Conference ,New Delhi, India ,2006
- Shahin Oustan ,& Hassan Towfighi ,Recovery of added phosphorus as affected by organic .12
matter in some soils of Iran ,Intranational Conference on Environmental Management
. ,Hyderabad, India ,2005

مقالات در نشریات

-
- Evaluation of performances of cadmium adsorption onto nano- and macro-biochar-treated .1
alkaline sandy soil from aqueous solutions,International Journal of Environmental Science and
.Technology,2023
 - Uncovering the effects of Urmia Lake desiccation on soil chemical ripening using advanced .2
.mapping techniques,Catena,2023
 - M. Mirzaei Varoei , S. Oustan , A. Reyhanitabar , N. Najafi,Preparation, characterization and .3
nitrogen availability of nitrohumic acid as a slow-release nitrogen fertilizer,Archives of Agronomy
.and Soil Science,2023
 - B. Abolfazli Behrooz et al.,The importance of presoaking to improve the efficiency of MgCl₂- .4
modified and non-modified biochar in the adsorption of cadmium,Ecotoxicology and
.Environmental Safety,2023
 - B. Khoshru , M.R. Sarikhani , A. Reyhanitabar , S. Oustan,Evaluation of the potential of .5
rhizobacteria in supplying nutrients of Zea mays L. plant with focus on zinc,Journal of Soil
.Science and Plant Nutrition,2023
 - A. Shirinfekr , S. Oustan , N. Najafi , A. Reyhanitabar,Morphological and biochemical responses .6
of some promising tea genotypes to aluminum-induced soil acidification,International Journal of
.Horticultural Science and Technology,2022
 - M. Khorshid , S. Oustan , N. Najafi , A.R. Khataee,Reductive remediation of Cr(VI)- .7
contaminated soils in the presence of zero-valent metals and bimetals,Iranian Journal of

- .Chemistry and Chemical Engineering,2022
- E. Zareei et al.,Insight into the role of magnetic nutrient solution on leaf morphology and biochemical attributes of Rasha grapevine (*Vitis vinifera* L.),*Plant Physiology and Biochemistry*,2022 .8
- Evaluation of the ability of rhizobacterial isolates to solubilize sparingly soluble iron under in-vitro conditions,*Geomicrobiology Journal*,2022 .9
- A. Mohseni , A. Reyhanitabar , N. Najafi , K. Bazargan,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 .10
- M. Faryadi , A. Reyhanitabar , N. Najafi , S. Oustan,Kinetic and equilibrium studies on the zinc adsorption–desorption characteristics of some promising biochars in aqueous solutions,*Arabian Journal of Geosciences*,2022 .11
- Digital mapping of potentially toxic elements enrichment in soils of Urmia Lake due to water level decline,*Science of the Total Environment*,2022 .12
- Stabilization of chromium(VI) by hydroxysulfate green rust in chromium(VI)-contaminated soils,*Pedosphere*,2021 .13
- P. Moradkhani , S. Oustan , A. Reyhanitabar , L. Alidokht,Efficiency of humic acid from various organic sources for reducing hexavalent chromium in aqueous solutions,*Pollution*,2021 .14
- 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 .15
- L. Ghodszad , A. Reyhanitabar , S. Oustan,Biochar effects on phosphorus sorption-desorption kinetics in soils with dissimilar acidity,*Arabian Journal of Geosciences*,2021 .16
- Enhanced Sorption of Cadmium by using Biochar Nanoparticles from Ball Milling in a Sandy Soil,*Eurasian Soil Science*,2021 .17
- M. Younessi et al.,Mild Salinity Stimulates Biochemical Activities and Metabolites Associated with Anticancer Activities in Black Horehound (*Ballota nigra* L.),*Agronomy*,2021 .18
- L. Ghodszad , A. Reyhanitabar , S. Oustan , L. Alidokht,Phosphorus sorption and desorption characteristics of soils as affected by biochar,*Soil and Tillage Research*,2021 .19
- Eliciting effects of magnetized solution on physiological and biochemical characteristics and elemental uptake in hydroponically grown grape (*Vitis vinifera* L. cv. Thompson Seedless),*Plant Physiology and Biochemistry*,2021 .20
- Y. Azimzadeh , N. Najafi , A. Reyhanitabar , S. Oustan,Modeling of Phosphate Removal by Mg-Al Layered Double Hydroxide Functionalized Biochar and Hydrochar from Aqueous Solutions,*Iranian Journal of Chemistry and Chemical Engineering*,2021 .21
- A. Reyhanitabar , E. Farhadi , H. Ramezanzadeh , S. Oustan,Effect of Pyrolysis Temperature and Feedstock Sources on Physicochemical Characteristics of Biochar,*Journal of Agricultural Science and Technology*,2020 .22
- Spatial distribution of iron forms and features in the dried lake bed of Urmia Lake of Iran,*Geoderma Regional*,2020 .23
- M. Khorshid , S. Oustan , N. Najafi , A. Khataee,Kinetic characterization of hexavalent chromium stabilization in contaminated soils amended with cocopeat,*Arabian Journal of Geosciences*,2020 .24
- 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 .25
- Immobilization of Cr(VI) in soil through injection of nanoscale FeII-ALDH suspension into the soil column,*Geoderma*,2020 .26
- M.R. Maghsoodi , N. Najafi , A. Reyhanitabar , S. Oustan,Hydroxyapatite nanorods, hydrochar, biochar, and zeolite for controlled-release urea fertilizers,*Geoderma*,2020 .27
- CrVI reductive transformation process by humic acid extracted from bog peat: Effect of .28

- .variables and multi-response modeling,Chemosphere,2020
- Effects of sludge on heavy metals release from peppermint-planted soils during time as .29
assessed by DGT technique,Archives of Agronomy and Soil Science,2020
- M.Ghebleh Goydaragh et al.,Estimation of elemental composition of agricultural soils from .30
West Azerbaijan, Iran, using mid-infrared spectral models,Revista Brasileira de Engenharia
.Agrícola e Ambiental,2019
- S. Amanifar et al.,Evaluation of the effects of mycorrhizal inoculation on Pb uptake and .31
growth of alfalfa in Pb-contaminated soil,Iran Agricultural Research,2019
- M. Ghebleh Goydaragh et al.,Estimation of elemental composition of agricultural soils from .32
West Azerbaijan, Iran, using mid-infrared spectral models,Revista Brasileira de Engenharia
.Agrícola e Ambiental,2019
- Retrospective monitoring of the spatial variability of crystalline iron in soils of the east shore .33
of Urmia Lake, Iran using remotely sensed data and digital maps,Geoderma,2019
- Effects of magnetic solutions on some biochemical properties and production of some .34
phenolic compounds in grapevine (*Vitis vinifera* L.),Sientia Horticulture,2019
- P. Niknam , F. Shahbazi , S. Oustan , R. Sokouti,Using microleis DSS to assess the impact of .35
climate on land capability in the Miandoab plain, Iran,Carpathian Journal of Earth and
.Environmental Sciences,2018
- R. Khademi Astaneh , S. Bolandnazar , F. Zaare Nahandi , S. Oustan,The effects of selenium .36
on some physiological traits and K, Na concentration of garlic (*Allium sativum* L.) under NaCl
.stress,Information Processing in Agriculture,2018
- R. Khademi Astaneh , S. Bolandnazar , F. Zaare Nahandi , S. Oustan,Effect of selenium .37
application on phenylalanine ammonia-lyase (PAL) activity, phenol leakage and total phenolic
content in garlic (*Allium sativum* L .) under NaCl stress,Information Processing in
.Agriculture,2018
- M. Javani , N. Aliasgharzad , S. Oustan,Impact of biochar application on soil microbiological .38
attributes under corn plant culture subjected to water deficit stress,Journal of Environmental
.Research and Development,2018
- A. Reyhanitabar , S. Heidari , S. Oustan , R. Gilkes,A modified DMT-HFO technique for .39
investigating the kinetics of phosphorus desorption from calcareous soils and its relationship
with maize growth,Communications in Soil Science and Plant Analysis,2018
- M.R. Sarikhani , S. Oustan , M. Ebrahimi , N. Aliasgharzad,Isolation and identification of .40
potassium-releasing bacteria in soil and assessment of their ability to release potassium for
plants,European Journal of Soil Science,2018
- Kinetics of DTPA extraction of Zn, Pb, and Cd from contaminated calcareous soils amended .41
with sewage sludge,Arabian Journal of Geosciences,2018
- S. Oustan ,& H. Tofighi,Changes in recovery of native and applied phosphorus with time as .42
affected by soil properties in some calcareous soils,Archives of Agronomy and Soil
.Science,2018
- A. Reyhanitabar , H. Ramezanzadeh , S.Oustan , M.R. Neyshabouri,Comparison of batch an .43
column methods in zinc sorption in a sandy soil,International Journal of Advances in Science
.Engineering and Technology,2017
- Impact of tailings dam failure on spatial features of copper contamination (Mazraeh mine .44
area, Iran),Arabian Journal of Geosciences,2017
- S. Heidari , A. Reyhanitabar , S. Oustan,Kinetics of phosphorus desorption from calcareous .45
soils using DGT technique,Geoderma,2017
- Tolerance to heavy metals in filamentous fungi isolated from contaminated mining soils in .46
the Zanzan Province, Iran,Chemosphere,2017
- J. Saleh , N. Najafi , S. Oustan,Effects of Silicon Application on Wheat Growth and Some .47
Physiological Characteristics under Different Levels and Sources of Salinity,Communications in

- .Soil Science and Plant Analysis,2017
- Removal of chromate from aqueous solution by reduction with nanoscale Fe–Al layered .48
.double hydroxide,Research on Chemical intermediates,2017
- The impact of cadmium-zinc interactions on phytochemical responses in Brassica napus .49
.cv. Hyola,Journal of Biodiversity and Environmental Sciences,2016
- .Assessing soil surface salinity with basic pixel data sensor TM,Biological Forum,2016 .50
- S. Heidari , A. Reyhanitabar , S. Oustan,The comparison of Olsen, DMT-HFO and DGT .51
methods for assessment of plant available phosphorus in soils,International Journal on
.Advanced Science, Engineering and Information Technology,2016
- M. Mirashzadeh et al.,Effects of soil moisture, phosphorus and zinc on isoenzymes activity .52
and banding patterns of peroxidase in potato plant,Journal of Biodiversity and Environmental
.Sciences,2016
- M.R. Sarikhani , B. Khoshrou , S. Oustan,Efficiency of some bacterial strains in potassium .53
release from mica and phosphate solubilization under in vitro conditions,Geomicrobiology
.Journal,2016
- Effects of Mg-Al layered double hydroxide on nitrate leaching and nitrogen uptake by maize .54
.in a calcareous soil,Communications in Soil Science and Plant Analysis,2016
- M. Khorshid , S. Oustan , N. Najafi , A.R. Khataee,Treatment of Cr(VI)-spiked soils using .55
.sulfur-based amendments,Archives of Agronomy and Soil Science,2016
- S. Heidari A. Reyhanitabar S. Oustan A. Olad,A New Method of Preparing Gel for DGT .56
Technique and Application to the Soil Phosphorus Availability Test,Communications in Soil
.Science and Plant Analysis,2016
- S. Heidari , S. Oustan , M.R. Neyshabouri , A. Reyhanitabar,Mobilisation of Heavy Metals from .57
.a Contaminated Calcareous Soil Using Organic Acids,Malaysian Journal of Soil Science,2016
- Enhanced removal of chromate by graphene-based sulfate and chloride green rust .58
.nanocomposites,Journal of the Taiwan Institute of Chemical Engineers,2016
- S. Ghanepour , M.R. Shakiba , M. Toorchi , S. Oustan,Role of Zn nutrition in membrane .59
stability, leaf hydration status, and growth of common bean grown under soil moisture
.stress,Journal of Biodiversity and Environmental Sciences,2015
- M. Khorshid , S. Oustan , N. Najafi , A.R. Khataee,Application of ferrous iron containing .60
minerals to remove hexavalent chromium from soil,Journal of Biodiversity and Environmental
.Sciences,2015
- F. Shahbazi , I. Sahabnaghdi , M.R. Neyshabouri , S. Oustan,Assessing leaching of saline- .61
sodic soils affected by Kaveh-Soda factory effluent using georeferenced maps in Maragheh-
Bonab plain,International Journal on Advanced Science, Engineering and Information
.Technology,2015
- M. Mirashzadeh et al.,The combined effects of phosphorus and zinc on antioxidant enzyme .62
activity and growth attributes of potato under water deficit conditions,Journal of Biodiversity and
.Environmental Sciences,2015
- Kinetics of Cr(VI) Removal by Iron Filings in Some Soils,Soil and Sediment .63
.Contamination,2015
- S. Hashemi , N. Aliasghar zad , R. Khakvar , S. Oustan,Efficient Benomyl Biodegradation by .64
.Bacillus endophyticus and Streptomyces Sp,Journal of Bioremediation and Biodegradation,2014
- A. Jafarzadeh , Y. Garousi , S. Oustan , A. Ahmadi,The effect of clay minerals on soils interrill .65
erodibility factor and management in Dasht- e Tabriz,Asia Pacific Journal of Sustainable
.Agriculture Food and Energy,2014
- F.Valizadeh , A. Reyhanitabar , N. Najafi , S.Oustan,Interactive effects of cadmium and zinc .66
application on their uptake by rice under waterlogged and non-waterlogged conditions,Journal of
.Plant Physiology and Breeding,2014
- Physiological changes associated with soil drought stress in common bean (Phaseolus .67

- .vulgaris L.) as influenced by zinc supply, *International Journal of Biosciences*, 2014
- M.A. Zakeri , S. Bolandnazar , S. Oustan, Effect of salinity and nitrogen on growth, sodium, .68
potassium accumulation, and osmotic adjustment of halophyte *Suaeda aegyptiaca* (Hasselq.)
.Zoh, *Archives of Agronomy and Soil Science*, 2014
- Optimization arsenic immobilization in a sandy loam soil using iron-based amendments by .69
.response surface methodology, *Geoderma*, 2014
- J. Saleh et al., Effects of silicon, salinity, and water logging on the extractable Zn, Cu, K and .70
.Na in a sandy loam soil, *International Journal of Agriculture: Research and Review*, 2013
- S. B. Mosavi et al., The effect of different green manure application in dry land condition on .71
.some soil physical properties, *International Journal of Agriculture and Crop Sciences*, 2013
- Field performance of lentil (*Lens culinaris Medik*) affected by aging of different seed sizes .72
.and water stress, *Technical Journal of Engineering and Applied Sciences*, 2013
- M. Afsharnia , N. Aliasgharzad , R. Hajiboland , S. Oustan, The Effect of Light intensity and .73
Zinc Deficiency on Antioxidant Enzyme Activity, Photosynthesis of Corn, *International Journal of*
.Agronomy and Plant Production, 2013
- E. Benyas , A. Dabbagh Mohammadi Nassab , S. Oustan, Effects of cadmium on some .74
morphological and physiological traits of amaranth and oilseed rape, *International Journal of*
.Biosciences, 2013
- N. Irani , N. Najafi , N. Aliasgharzad , S. Oustan, The Effect of Urea and Level of Soil Moisture .75
on availability of zinc and copper in two different soils in vitro, *Current Research Journal of*
.Biological Sciences, 2013
- N. Irani , N. Najafi , N. Aliasgharzad , S. Oustan, The Effect of Urea on the Concentrations of .76
Fe, Mn, Zn and Cu in Rice Plant at Two Different Soils, *Journal of Applied Environmental and*
.Biological Sciences, 2013
- R. Motallebifar , N. Najafi , S. Oustan, Effects of zinc sulphate and monocalcium phosphate .77
fertilizers on extractable Zn and Fe under different soil moisture conditions, *Iran Agricultural*
.Research Journal, 2013
- L. Golchin et al., Effects of irrigation times and wastewater concentration of a leaven .78
producing factory (Iran Mayeh) on some morphological characters of alfalfa, *International*
.Journal of Agriculture and Crop Sciences, 2013
- K. Ghasemi , A. Jeddi , S. Zehtabsalmasi , S. Oustan, Influence of seed size and aging on .79
seedling growth and field establishment of lentil (*Lens culinaris Medik*), *Plant Breeding and Seed*
.Sciences, 2013
- E. Benyas , A. Dabbagh Mohammadi Nassab , S. Oustan, Effects of cadmium on some .80
morphological and physiological traits of amaranth (*Amaranthus caudatus L.*) and oilseed rape
(*Brassica napus L.*), *International Journal of Biosciences*, 2013
- J. Saleh et al., Changes in extractable Si, Fe and Mn as affected by silicon, salinity and .81
.waterlogging in a sandy loam soil, *Communications in Soil Science and Plant Analysis*, 2013
- The adsorption characteristics of nitrate on Mg–Fe and Mg–Al layered double hydroxides in a .82
.simulated soil solution, *Applied Clay Science*, 2013
- Isolation and characterization of potassium solubilizing bacteria in some Iranian .83
.soils, *Archives of Agronomy and Soil Science*, 2013
- M.R. Neyshabouri , Z. Kazemi , S. Oustan , M. Moghaddam, PTFs for predicting LLWR from .84
.various soil attributes including cementing agents, *Geoderma*, 2013
- Adsorption–desorption characteristics of nitrate, phosphate and sulfate on Mg–Al layered .85
.double hydroxide, *Applied Clay Science*, 2013
- The combined effects of phosphorus and zinc on evapotranspiration, leaf water potential, .86
water use efficiency and tuber attributes of potato under water deficit conditions, *Scientia*
.Horticulturae, 2013
- Biosorption of Cd and Ni by inactivated bacteria isolated from agricultural soil treated with .87

- .sewage sludge,Ecohydrology and Hydrobiology,2012
- A. Reyhanitabar , L. Alidokht , A.R. Khataee , S. Oustan,Application of stabilized FeO .88
.nanoparticles for remediation of Cr(VI)-spiked soil,European Journal of Soil Science,2012
- K.Ghassemi et al.,Physiological performance of soybean cultivars under salinity .89
.stress,Journal of Plant Physiology and Breeding,2011
- Impact of changing crop rotation to continuous wheat on soil characteristics in semiarid .90
.areas,African Journal of Agricultural Research,2011
- N. Aliasghar zad , A. Molaei , S. Oustan,Pollution induced community tolerance (PICT) of .91
microorganisms in soil incubated with different levels of Pb,World Academy of Science,
.Engineering and Technology,2011
- L. Alidokht , A.R. Khataee , A. Reyhanitabar , S. Oustan,Cr(VI) immobilization process in a Cr- .92
spiked soil by zerovalent iron nanoparticles: optimization using response surface
.methodology,Clean-Soil, Air, Water,2011
- K. Ghassemi et al.,Oil and protein accumulation in soybean grains under salinity .93
.stress,Notulae Scientia Biologicae,2010
- B. Dovlati , A. Samadi , S. Oustan,Effects of long-term continuous cropping of sunflower on K .94
forms in calcareous soils of western Azerbaijan Province Iran,Journal of Agricultural
.Sciences,2010
- I. Fatollahi , J. Hesari , S. Azadmard , S. Oustan,Influence of proteolysis and soluble calcium .95
levels on textural changes in the interior and exterior of Iranian UF white cheese during
.ripening,World Academy of Science, Engineering and Technology,2010
- F. Shahbazi et al.,Climate change impact on bioclimatic deficiency, using MicroLEIS DSS in .96
.Ahar Soils, Iran,.,J. Agric. Sci. Tech.,2010
- L. Alidokht , A.R. Khataee , A. Reyhanitabar , S. Oustan,Reductive removal of Cr(Cr) by starch- .97
.stabilized Feo nanoparticles in aqueous solution,Desalination,2010
- S.B. Mousavi et al.,Application of rye green manure in wheat rotation system alters soil water .98
content and chemical characteristics under dryland condition in Mragheh,Pakistan Journal of
.Biological Sciences,2009
- K. Ghassemi et al.,Response of soybean cultivars to salinity stress,Journal of Food , .99
.Agriculture and Environment,2009
- F. Shahbazi et al.,Suitability of wheat, maize, sugar beet and potato using MicroLEIS DSS .100
.Software in Ahar area, North-West of Iran,.,American-Eurasian J. Agric. and Environ. Sci,2009
- S.B. Mosavi , A.A. Jafarzadeh , M.R. Neyshabouri , S. Oustan,Rye green manure along with .101
nitrogen fertilizer application increases wheat (*Triticum aestivum* L.) production under dryland
.condition,International Journal of Agricultural Research,2009
- N. Aliasghar zad , E. Shirmohammadi , S. Oustan,Siderophore production by mycorrhizal .102
.sorghum roots under micronutrient deficient condition,Soil and Environment,2009
- P. Alamdari , A.A. Jafarzadeh , S. Oustan , N. Toomanian,Iron oxide forms and distribution .103
in a transect of Dasht-e-Tabriz soils, northwest Iran,Journal of Food, Agriculture and
.Environment,2009
- The effects of four organic soil conditioners on aggregate stability, pore size distribution, .104
.and respiration activity in a sandy loam soil,Turkish Journal of Agriculture and Forestry,2009
- H.R. Momtaz et al.,An assessment of the variation in soil properties within and between .105
.landform in the Amol region, Iran,Geoderma,2009
- F. Shahbazi et al.,Land use planning in Ahar area (Iran) using MicroLEIS DSS,International .106
.Journal of Agrophysics,2009
- S. Rezapour , A.A. Jafarzadeh , A. Samadi , S. Oustan,Impacts of clay mineralogy and .107
physiographic units on the distribution of potassium forms in calcareous soils in Iran,Clay
.Minerals,2009
- S. Rezapour , A.A. Jafarzadeh , A. samadi , S. Oustan,Distribution of iron oxides forms on a .108

- .transect of calcareous soils, north-west of Iran,Archives of Agronomy and Soil Science,2009
 A. Ghaderi , N. Aliasghar zad , S. Oustan , P.A. Olsson,Efficiency of three Pseudomonas .109
 isolates in releasing phosphate from an artificial variable-charge mineral (iron III hydroxide),Soil
 .and Environment,2008
 F. Shahbazi et al.,Land use planning in Ahar area (Iran) using MicroLEIS DSS,International .110
 .Journal of Agrophysics,2008

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- Effect of sodiumdodecylbenzene sulfonate on growth and elemental composition of corn plant .1
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- Studies on sorption and desorption of zinc using Batch and flow through methods in a sandy soil .۲۸
- Kinetics and equilibrium studies on chromium (Cr) in some soils of north and north-west of Iran .۲۹
- Comparision of different methods for extraction of Heavy metals from polluted soils (a case study on around of Zn and Pb smelting plant in Zanjan) .۳۰
- A study on mechanisms of phosphate release from iron oxide surfaces by three Pseudomonas isolates using ATR-FTIR spectroscopy .۳۱
- A study of the possibility of potassium depletion from the soils under cultivation of sunflower in Khoy region .۳۲
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- Effect of layered double hydroxides (LDHs) application on nitrate leaching from a calcareous soil and nitrogen uptake by maize .۳۵
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