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Azarian Journal of Agriculture



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Overview and 2016 Annual Report



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Overview

Azarian Journal of Agriculture (AJA) is an open access peer- reviewed journal and publishes the results of original scientific researches, reviews and short communications in all fields of Agronomy and Plant Breeding, Soil Science, Plant Protection, Horticultural science, Biotechnology, Animal and Feed Research.

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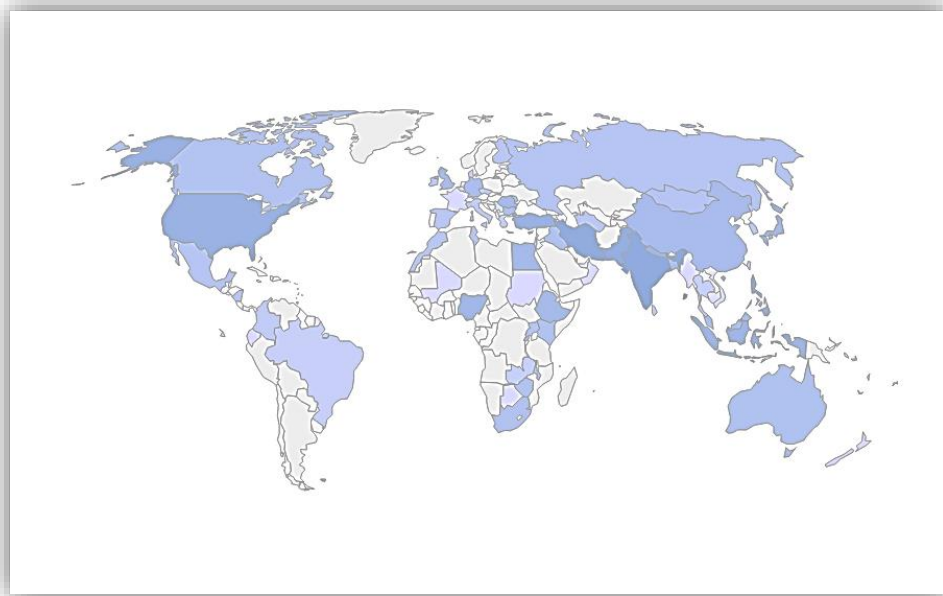
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Most cited papers

- ✿ Effects of foliar application of zinc sulfate at different phenological stages on yield formation and grain zinc content of bread wheat (cv. Kohdasht)
- ✿ Does physicochemical pre-treatments can alleviate germination and dormancy of *Sophora alopecuroides* seeds?
- ✿ Weed dynamics and productivity of spring maize under different tillage and weed management methods (*Sorghum bicolor* L. Var. Speedfeed)
- ✿ Total phenolic content, antioxidant, and antibacterial activities of seed and pod of *Prosopis farcta* from Sistan region, Iran
- ✿ Allelopathic potential of *Chrozophora tinctoria* on early growth of Barley and Wheat
- ✿ Evaluation of salinity stress effects on seed yield and quality of three soybean cultivars
- ✿ An overview of winter squash (*Cucurbita maxima* Duch.) and pumpkin (*Cucurbita moschata* Duch.) growing in Turkey
- ✿ Effects of water deficit and nitrogen levels on grain yield and oil and protein contents of maize
- ✿ Seed vigor of maize (*Zea mays*) cultivars affected by position on ear and water stress
- ✿ Improving soil fertility through Azolla application in low land rice: A review
- ✿ Effect of different intercropping patterns on yield and yield components of dill and fenugreek
- ✿ A survey of poplar (*populus nigra*) rust and identification of fungal agent species with conventional and molecular approaches in Maragheh area of Iran

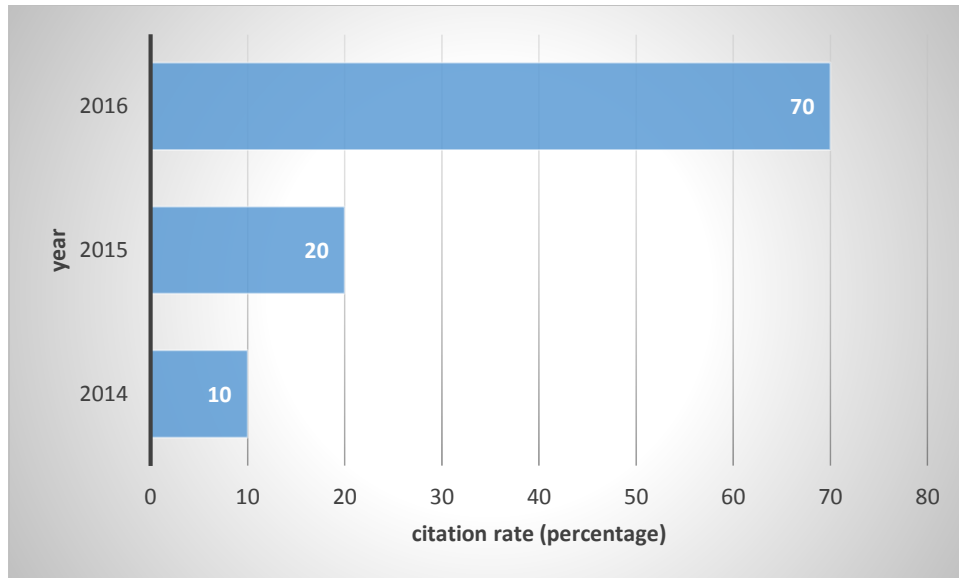


Figure 1. Citation rate derived from Google Scholar

Most read and downloaded papers (A-Z)

- ✿ Allelopathic potential of *Chrozophora tinctoria* on early growth of Barley and Wheat
- ✿ An overview of winter squash (*Cucurbita maxima* Duch.) and pumpkin (*Cucurbita moschata* Duch.) growing in Turkey
- ✿ Assessments of saline water application and different irrigation intervals on soil and soybean yield
- ✿ Controlling the root and stem rot of cucumber, caused by *Pythium aphanidermatum*, using resistance cultivars and grafting onto the cucurbit rootstocks
- ✿ Determining the best extractant and extraction conditions for fulvic acid through qualitative and quantitative analysis of vermicompost
- ✿ Does physicochemical pre-treatments can alleviate germination and dormancy of *Sophora alopecuroides* seeds?
- ✿ Dryland soil water storage susceptibility to different soil tillage practices under Vetch-Wheat crop rotation
- ✿ Effect of different intercropping patterns on yield and yield components of dill and fenugreek
- ✿ Effect of planting geometry on yield and yield attributes of drought tolerant rice varieties in Nawalparasi, Nepal

- ✿ Effect of some adjuvants application on enhancing sulfosulfuron herbicide performance on *Phalaris minor*- Poaceae
- ✿ Effects of foliar application of zinc sulfate at different phenological stages on yield formation and grain zinc content of bread wheat (cv. Kohdasht)
- ✿ Effects of tillage and planting geometry on the performance of maize hybrids
- ✿ Effects of water deficit and nitrogen levels on grain yield and oil and protein contents of maize
- ✿ Evaluation of salinity stress effects on seed yield and quality of three soybean cultivars
- ✿ Improving soil fertility through Azolla application in low land rice: A review
- ✿ Interaction effect of phosphorus and boron on yield and quality of lettuce
- ✿ Late Jute seed production in cropland agroforestry system
- ✿ Response of maize cultivars to water stress at grain filling phase
- ✿ Seed vigor of maize (*Zea mays*) cultivars affected by position on ear and water stress
- ✿ Seed yield of radish as affected by uprooting time and root cutting
- ✿ Short term effects of manure and irrigation application on soil nutrients content, water use efficiency and maize productivity in Chitwan, Nepal
- ✿ Soil organic carbon prediction using remotely sensed data at Lighvan watershed, Northwest of Iran
- ✿ The effects of alfalfa extract and plant growth promoting rhizobacteria on growth and uptake of micronutrients in sorghum (*Sorghum bicolor* L. Var. Speedfeed).
- ✿ Total phenolic content, antioxidant, and antibacterial activities of seed and pod of *Prosopis farcta* from Sistan region, Iran
- ✿ Varietal performance and correlation of okra pods yield and yield components under irrigation in Sudan savannah of Nigeria
- ✿ Water requirement and irrigation schedule for tomato in northern guinea savanna zone, Nigeria
- ✿ Weed dynamics and productivity of spring maize under different tillage and weed management methods (*Sorghum bicolor* L. Var. Speedfeed)

List of published papers during 2016

- ✿ Carrageenan-based semi-IPN nanocomposite hydrogels: Swelling kinetic and slow release of sequestrene Fe 138 fertilizer

Mohammad Kazem Bahrami, Gholam Reza Mahdavinia

- ✿ Auxin concentration and sampling time affect rooting of *Chrysanthemum morifolium* L. and *Rosmarinus officinalis* L.

Lamia Vojodi Mehrabani, Rana Valizadeh Kamran, Mohammad Bagher Hassanpouraghdam, Elaheh Kavousi, Mohammad Ali Aazami

- ✿ Inheritance of anthocyanin pigmentation in interspecific cross of rice (*Oryza sativa* L. × *O. rufipogon* Griff)

Deepak Pandey, Laxmi Prasad Subedi, Ram Chandra Sharma

- ✿ Diversity of low-molecular-weight-glutenin subunit genes associated with D-genome in *Triticum aestivum*, *Aegilops crassa*, *A. cylindrica* and *A. tauschii*

Fatemeh Vafadar Shamasbi, Mohamadreza Naghavi, Sayvan Ahmadi, Ali-Akbar Shahnejat-Bushehri

- ✿ Effect of meteorological factors on the development of lentil stemphylium blight at different sowing dates in rampur, chitwan, Nepal

Subash Subedi, Sundarman Shrestha, Gopal Bahadur KC, Resham Bahadur Thapa, Surya Kanta Ghimire, Sarswati Neupane

- ✿ Crop Yield and Reduction of Soil Loss with Selected Hedge Species under Different Hill Slopes in Chittagong Hill Tract

Abul Hasnat Md. Shamim, Mohammad Moniruzzaman

- ✿ Some extractable iron contents as influenced by some organic manures application in the soils of Lake Geriyo, Adamawa state, Nigeria

Saddiq Abdullahi Muhammad, Solomon Rejoice Ibrahim, Singh Lillan, Musa Aishatu Mala

- ✿ Soil organic carbon prediction using remotely sensed data at Lighvan watershed, Northwest of Iran

Mehdi Rahmati, Mohammad Reza Neyshabouri, Majid Mohammady Oskouei, Ahmad Fakheri Fard, Abbas Ahmadi

- ✿ Assessments of saline water application and different irrigation intervals on soil and soybean yield

Meysam Abedinpour

- ✿ Numerical investigation of underground drain radius, depth and location on uplift pressure reduction (Case study: Tabriz diversion dam)

Farzin Salmasi, Behnam Mansuri

- ✿ The Effect of Green Pruning Times on Some Physiological and Morphological Characteristics of Peach Redtop cultivar in Moghan Region

Ali Mehrban Jafarlou, Mohsen Poursoltan, Bahareh Deltalab, Saleh Amiri

- ✿ Improved germination and vigour of Sweet Pepper (*Capsicum annuum* L.) seeds by hydro- and osmopriming

Waranyoo Kaewduangta, Phirayot Khaengkhan, Ponlawat Uttaboon

- ✿ Application of AquaCrop model for maize under water and nitrogen managements in a humid environment

Ebrahim Amiri, Meysam Abedinpour

- ✿ Inheritance of growth habit, awnness and spikelet shattering in interspecific cross of rice (*Oryza sativa* L. × *O. rufipogon* Griff)

Deepak Pandey, Laxmi Prasad Subedi, Ram Chandra Sharma

- ✿ Effect of planting geometry on yield and yield attributes of drought tolerant rice varieties in Nawalparasi, Nepal

Mohan Mahato, Bishnu Bilas Adhikari, Keshav Raj Adhikari, Khem Raj Dahal

- ✿ Row Spacing Determines Critical Period of Weed Control in Crop: Cowpea (*Vigna unguiculata*) as a Case Study

Omobolanle Adewale Osipitan, Joseph Aremu Adigun, Rauf Olabisi Kolawole

- ✿ Varietal performance and correlation of okra pods yield and yield components under irrigation in Sudan savannah of Nigeria

Dattijo Aminu, Omolaran Bashir Bello, Abba Gambo, Alafe Hakeem Azeez, Usman Abdulrahman Abdulhamid, Ali Iliyasu, Agbolade, James Oludare

- ✿ Steady state infiltration rate studies of lower Loko soils, Adamawa state, north east Nigeria

Abdullahi Muhammad Saddiq, Musa Salihu Ardo, Hassan Musa

- ✿ Effects of Ultrasound, Tryptophan and Proline on embryogenesis and regeneration of grape (*Vitis vinifera* L.)

Yousef Farokhzad, Sajjad Pourmand, Ayatollah Rezaei, Yavar Sharafi

- ✿ Grain yield stability analysis of soybean genotypes by AMMI method

Mahdieh Roshandel, Alireza Pourmohammad, HamidReza Babaei, Fariborz Shekari

- ✿ Potential use of protexin probiotic and black pepper powder on Cobb 500 broiler chicks

Yaser Rahimian, Mostafa Faghani, Sayed Masoud Davoodi, Ali Rafjee, Abbas Davoodpoor, Mohammad Hossein Ghorban Nezhad

- ✿ Economic analysis of Ginger cultivation in selected locations of Palpa, Nepal

Rewati Raman Poudel, Punya Prasad Regmi, Resham Bahadur Thapa, Yubak Dhoj Gharti Chhetri, Dilli Bahadur Khatri Chhetri



Goals

Azarian Journal of Agriculture by the new attitude to science attempts to take a small step in the advancement of agricultural science. The journal proudly aims to support researchers from all around the world and try to publish scientific and precious papers in the term of agricultural science. Azarian Journal of Agriculture also is ready to collaborate with national and international conferences to publish their top papers.

That will be our honor to receive your papers in the upcoming issues of Azarian Journal of Agriculture.

Azarian Journals Team, 31 Dec. 2016