

باسمه تعالی  
**پرونده علمی (CV)**

نام و نام خانوادگی: یوسف عباسپور گیلانده

تاریخ تولد (روز - ماه - سال): ۱۳۵۶/۰۵/۲۳

محل تولد: اردبیل

رشته تحصیلی: مکانیک ماشینهای کشاورزی

تخصص: طراحی ماشینهای کشاورزی - کشاورزی دقیق

محل خدمت: دانشگاه محقق اردبیلی

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**۱- مدارک و مراتب علمی**

**۱-۱- مدارک تحصیلی**

عنوان پایان نامه	سال اخذ	محل اخذ	رشته تحصیلی	مدرك علمی
تهیه نقشه پیوسته انرژی سیستم‌های مختلف خاک‌ورزی و ارائه مدل پیش‌بینی انرژی موردنیاز با استفاده از مدل شبکه عصبی مصنوعی	۱۳۸۴	دانشگاه تهران	مکانیک ماشینهای کشاورزی	دکترای تخصصی
اندازه گیری وزن دینامیکی وارد بر محور عقب تراکتور	۱۳۸۰	دانشگاه تهران	مکانیک ماشینهای کشاورزی	کارشناسی ارشد
-	۱۳۷۸	دانشگاه تهران	ماشینهای کشاورزی	کارشناسی

**۲-۱- مراتب علمی**

آخرین پایه	از تاریخ	دانشگاه	مرتبہ علمی
۲۱	۱۳۹۴/۰۹/۱۰	دانشگاه محقق اردبیلی	استاد
۱۲	۱۳۹۱/۰۲/۰۲	دانشگاه محقق اردبیلی	دانشیار
۱	۱۳۸۴/۱۱/۲۵	دانشگاه محقق اردبیلی	استادیار

۱-۲- مقاله‌های چاپ شده در نشریه‌های معتبر علمی داخلی (شامل: نام نویسنده (نویسندگان)، سال انتشار،

موضوع، نام و جلد و شماره مجله، صفحه‌ها و همچنین پایگاه‌های نمایه مجله (CAB, ISC, ISI و ...)

### Refereed Publication

1. Sabzi, S., Abbaspour-Gilandeh, Y., Javadikia, H. 2018. Recognition of *Secalecereale L* weed from potato plant using video processing and computational intelligence. Journal of Engineering Research in Agricultural Mechanization and Systems, Accepted for Publication (In Farsi). (ISC Indexed)
2. Sabzi, S., Abbaspour-Gilandeh, Y., Javadikia, H. 2018. Detection of two types of weed using machine vision systems toward use in site-specific spraying. Journal of Agricultural Machinery, Accepted for Publication (In Farsi). (ISC Indexed)
3. Fazeli, S., Abbaspour-Gilandeh, A., Shahgholi, Gh., Fazel-Niari, Z. 2017. Effect of Forward Speed and Tillage Depth on Fuel Consumption and Draft Force of several types of cultivator blades. Journal of Engineering Research in Agricultural Mechanization and Systems, 18(68): 71-88. (In Farsi). (ISC Indexed)
4. Hasankhani-Ghavam, F., Abbaspour-Gilandeh, Y., Shahgoli, Gh. 2017. Design, manufacture and evaluation of the new instrument to measure the friction coefficient of soil. Journal of Engineering Research in Agricultural Mechanization and Systems, Accepted for Publication (In Farsi). (ISC Indexed).
5. Abbaspour-Gilandeh, Y., Khalifeh, A. A., Ghavami-Jolandan, Sh. 2016. Evaluation of factors affecting the draft of a curved shape subsoiler and prediction of its draft using multiple variables regression model. Journal of Agricultural Engineering (Scientific Journal of Agriculture), 38(2): 95-110. (In Farsi). (ISC Indexed)
6. Askari, M., Shahgholi, Gh., Abbaspour-Gilandeh, A., Tash-Shamsabadi, H. 2016. Effect of forward speed and tillage depth on tractor-subsoiler performance. Journal of Engineering Research in Agricultural Mechanization and Systems, 16 (65): 109-128. (In Farsi) (ISC Indexed)
7. Abbaspour-Gilandeh, Y., Zohari-Shilsar, S. 2015. Design, construction and calibration of 6 DOF force torque sensor for measurement of force and moment of tillage implements. Journal of Agricultural Engineering Research. 16 (3): 107-126 (in Farsi) (ISC indexed)
8. Abbaspour-Gilandeh, Y., Shaygani-Soltanpour, A. R. 2014. Soil cone index prediction using artificial neural networks model and its comparison with regression

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\* فهرست مقاله‌ها و کتاب‌ها با درج مشخصات کامل به شرح عناوین مذکور در این فرم به طور جداگانه و در هر مورد به ترتیب تاریخ انتشار (از قدیم به جدید) نوشته شود

models. *Journal of Soil Management and Sustainable Production*, 4(2): 187-203. 2014. (In Farsi) (ISC Indexed)

9. Abbaspour-Gilandeh, Y., Sedghi, R. 2014. Prediction of soil fragmentation during tillage operation using Adaptive Neuro Fuzzy Inference System (ANFIS). *Journal of Agricultural Machinery*, 4 (2): 387-398. (In Farsi). (ISC Indexed)

10. Abbaspour-Gilandeh, Y., Sedghi, R. 2014. Factors affecting soil fragmentation during tillage practice and determining the optimal range of the parameters using a fuzzy logic approach. *Journal of Agricultural Engineering (Scientific Journal of Agriculture)*, 37 (1): 35-47. (In Farsi). (ISC Indexed)

11. Abbaspour-Gilandeh, Y., Sedghi, R. 2013. Prediction of draft force and energy requirement for sub soiling operation with a fuzzy logic approach. *Journal of Agricultural Machinery*, 3 (2): 104-113. (In Farsi). (ISC Indexed)

12. Abbaspour-Gilandeh, Y., Jalilnezhad, H., Mesri Gudesmian, T. 2013. Draft prediction of a vertical narrow tillage tool by artificial neural networks. *Journal of Agricultural Mechanization*, 1 (1), 69-79. (Published by Tabriz University)

13. Bakhshizadeh, E., Afkari-Sayyah, A. H., Abbaspour-Gilandeh, Y., Rasekh, M. 2012. Factors affecting the performance of an apple and Kiwi-Fruit electronic grading system. *Journal of Agricultural Engineering Research*, 13(3): 63-76. (In Farsi) (ISC Indexed).

14. Abbaspour-Gilandeh, Y., Ahani, M., Askari Asli-Ardeh, E., Rasooli Sharabiani, V. and Sofalian, O. 2010. Design, construction and evaluation of a tractor-mounted soil cone penetrometer with multiple-adjustable-probes. *Journal of Agricultural Engineering Research*, 11(1): 19-34. (in Farsi) (ISC indexed)

15. Abbaspour-Gilandeh, Y., Haghghat-Shishvan, S., Rasooli Sharabiani, V. and Fazel-Niari, Z. 2010. Design, construction and calibration of an adjustable three-point hitch dynamometer for common agricultural tractors in Iran. *Journal of Agricultural Engineering Research*, 11(2): 29-48. (in Farsi) (ISC indexed)

16. Abbaspour-Gilandeh, Y., A. Khalilian, R. Alimardani, A.R. Keyhani, S.H. Sadati. 2006. Comparison of energy requirements of uniform-depth and variable-depth tillage as affected by travel speed and soil moisture. *Iranian Agricultural Science Journal*. 35: 473-483. (CAB Indexed)

۲-۲- مقاله‌های چاپ شده در نشریه‌های معتبر بین‌المللی (شامل: نام نویسنده (نویسندگان، سال انتشار، موضوع،

نام و جلد و شماره مجله، صفحه‌ها و همچنین پایگاه‌های نمایه مجله، ضریب تأثیر (IF) و چارک (Q) مجله)

Refereed Publication

17. Sabzi, S., Abbaspour-Gilandeh, Y., Javadikia, H. 2018. Developing a machine vision system to detect weeds from potato plant. *Tarım Bilimleri Dergisi-Journal of Agricultural Sciences*, 24(1): Accepted for publication. (JCR, IF<sub>2015</sub>=0.408)
18. Sabzi, S., Abbaspour-Gilandeh, Y., Javadikia, H. 2017. Machine vision system for the automatic segmentation of plants under different lighting conditions. *Biosystems Engineering*, 161(2017): 157-173. (JCR, IF<sub>2015</sub>=1.997)
19. Sabzi, S., Abbaspour-Gilandeh, Y., Javadikia, H. 2017. The use of soft computing to classification of some weeds based on video processing. *Applied Soft Computing*, 56(2017): 107–123. (JCR, IF<sub>2015</sub>=2.857)
20. Sabzi, S., Abbaspour-Gilandeh, Y., Javadikia, H. 2017. Identification of Oxtongue flowers using image processing technique. *Jordan Journal of Agricultural Sciences*: Accepted for publication. (ISC Indexed)
21. Askari M., Shahgholi G., Abbaspour-Gilandeh, Y. 2017. The effect of tine, wing, operating depth and speed on the draft requirement of subsoil tillage tines. *Research in Agricultural Engineering*: Accepted for publication. (Scopus Indexed)
22. Ezzatollah Askari Asli-Ardeh, Mohammadzadeh, H., Abbaspour- Gilandeh, H. 2017. Determination of Dynamic Friction Coefficient in Common Wheat Varieties on Different Contact Surfaces. *AgricEngInt: CIGR Journal*, Accepted for publication. (Scopus Indexed)
23. Abbaspour-Gilandeh, Y., Rahimi-Ajdadi, F. 2016. Design, construction and field evaluation of a multiple blade soil mechanical resistance sensor. *Soil & Tillage Research*, 157(2016): 93–100. (JCR, IF<sub>2015</sub>=2.709)
24. Rahimi-Ajdadi, F., Abbaspour-Gilandeh, Y., Mollazadeh, K., Hasanzadeh, R. PR. 2016. Application of machine vision for classification of soil aggregate size. *Soil & Tillage Research*, 162(2016): 8–17. (JCR, IF<sub>2015</sub>=2.709)
25. Azizi, A., Abbaspour-Gilandeh, Y., Nooshyar, M., Afkari-Sayah, A. 2016. Identifying potato varieties using machine vision and artificial neural networks. *International Journal of Food Properties* 19 (3), 618-635. (JCR, IF<sub>2015</sub>=1.586)
26. Abbaspour-Gilandeh, Y., Azizi, A. 2016. Identifying irregular potatoes by developing an intelligent algorithm based on image processing. *Tarım Bilimleri Dergisi-Journal of Agricultural Sciences*, 22(1): 32-41. (JCR, IF<sub>2015</sub>=0.408)
27. Askari, M., Shahgholi, Gh., Abbaspour-Gilandeh, A., Tash-Shamsabadi, H. 2016. The effect of new wings on subsoiler performance. *Journal of Applied Engineering in Agriculture*, 32 (3): 353-362. (JCR, IF<sub>2015</sub>=0.429)
28. Rahimi-Ajdadi, F., Abbaspour-Gilandeh, Y., Hasanzadeh, R. PR. 2016. Geometric deformation correction taken by non-metric cameras using image registration

techniques: A case study of tillage images. *Asian Journal of Information Technology*, 15 (24): 8–17. (Scopus Indexed)

29. Abbaspour-Gilandeh, Y., Sedghi, R. 2015. Predicting soil fragmentation during tillage operation using fuzzy logic approach, *Journal of Terramechanics* 57 (2015): 61-69. (JCR, IF<sub>2015</sub>=1.306)

30. Sabzi, S., Abbaspour-Gilandeh, Y., Javadikia, H., Havaskhan, H. 2015. Automatic grading of Emperor apples based on image processing and ANFIS. *Tarım Bilimleri Dergisi-Journal of Agricultural Sciences*, 21(3): 326-336. (JCR, IF<sub>2015</sub>=0.408)

31. Hasankhani-Ghavam, F., Abbaspour-Gilandeh, Y., Shahgoli, Gh., Rahmanzadeh-Bahram, H. 2015. Design, manufacture and evaluation of the new instrument to measure the friction coefficient of soil. *AgricEngInt: CIGR Journal*, 17(1):101-109. (Scopus Indexed)

32. Khalilian, A., Han, Y. J., Marshall, M. W., Gorucu, S., Abbaspour-Gilandeh, Y., Krik, K. R. Evaluation of the Clemson instrumented subsoiler shank in coastal plain soils, *Computers and Electronics in Agriculture* 109 (2014): 46-51. (JCR, IF<sub>2015</sub>=1.892)

33. Abbaspour-Gilandeh, Y., Khanramaki, M. 2013. Design, Construction and Calibration of a Triaxial Dynamometer for Measuring Forces and Moments Applied on Tillage Implements in Field Conditions. *MAPAN-Journal of Metrology Society of India*, 28(2):119–127. (JCR, IF<sub>2011</sub>=0.276)

34. Abbaspour-Gilandeh, Y., Rashidi-Mohammadabad, F. 2013. Evaluation of dynamic load equations through continuous measurement of some tractor tractive performance parameters. *Int. J. Heavy Vehicle Systems*, 20 (3): 222-235. (JCR, IF=.302)

35. Mohammadi-Aylar, S., Abbaspour-Gilandeh, Y., Almasi, M. 2013. Design and construction of automatic laboratory reactor biogas and potential evaluation of biogas of biomass. *Life Sci. Journal*, (JCR, IF<sub>2011</sub>=0.165)

36. Rouzegar, M. R., Khalifeh, A. A., Askari Asli-Ardeh, E., Abbaspour-Gilandeh, Y. 2013. Study effects of moisture content, feed rate and fan revolution on separation efficiency in a paddy laboratory winnower. *International Journal of Agriculture and Crop Sciences*, 5 (21), 2576-2578.

37. Abbaspour-Gilandeh, Y., Rahimi-Ajdadi, F. 2012. A field comparison of two prototype sensors for horizontally on-the-go soil mechanical resistance measurement. *Measurement*, 45(2012): 1906-1912. (JCR, IF<sub>2015</sub>=1.724)

38. Abbaspour-Gilandeh, Y., Fazel-Niari, Z., Shahgoli, Gh., Bavafa, M. 2012. Design and construction of a high speed inter-row cultivator. *Applied Mechanics and Materials*, 110, 4914-4918. (Scopus Indexed)

39. Shahgoli, Gh, Azar, J. N., Abbaspour-Gilandeh, Y. 2012. Development a device

for measuring soil mechanical properties. *Applied Mechanics and Materials*, 110, 4445-4450. (Scopus Indexed)

40. Rahimi-Ajdadi, F., Abbaspour-Gilandeh, Y. 2011. Artificial neural network and stepwise multiple methods for prediction of tractor fuel consumption. *Measurement*, 44(2011): 2104-2011. (JCR, IF<sub>2015</sub>=1.724)

41. Abbaspour-Gilandeh, Y., Haghghat-Shishvan, S. 2011. Extended Octagonal Ring Transducers for Measurement of Tractor-Implement Force. *Instruments and Experimental Techniques*, 54(1): 137-141. (JCR, IF=0.353)

42. Askari Asli-Ardeh, E., Abbaspour-Gilandeh, Y., and Shojaei, S. 2010. Determination of dynamic friction coefficient of paddy grains on different surfaces. *Int. Agrophysics*, 24(2): 101-105. (JCR, IF<sub>2015</sub>=1.067) (Corresponding Author)

43. Abbaspour-Gilandeh, Y., R. Alimardani, A. Khalilian, A.R. Keyhani, S.H. Sadati. 2006. Energy requirement of site-specific and conventional tillage as affected by tractor speed and soil parameters. *International Journal of Agriculture and Biology*. 8(4): 499-503. (JCR, IF<sub>2015</sub>=0.758)

44. Abbaspour-Gilandeh, Y. 2009. On-the-go soil mechanical strength measurement at different soil depths. *International Journal of Food, Agriculture & Environment (JFAE)*, 7(3&4): 696-699. (JCR, IF=0.435)

45. Alimardani, R., Abbaspour-Gilandeh, Y., Khalilian, A., Keyhani, A., and Sadati, S.H. 2009. Prediction of draft force and energy of subsoiling operation using ANN model. *International Journal of Food, Agriculture & Environment (JFAE)*, 7(3&4): 537-542. (JCR, IF=0.435)

46. Askari Asli-Ardeh, E., Abbaspour-Gilandeh, Y. 2008. Investigation of the Effective factors on threshing loss, damaged grains percent and material other than grain to grain ratio on an auto head feed threshing unit. *American J. of Agricultural and Biological Science* 3(4): 699-705. (ISI)

47. Askari Asli-Ardeh, E., Abbaspour-Gilandeh, Y., and Abbasi, A. 2009. Study of Performance Parameters of Threshing Unit in a Single Plant Thresher. *American J. of Agricultural and Biological Science* 4(2): 92-96. (ISI)

48. Abbaspour-Gilandeh, Y., V. Rasooli Sharabiani and A. Khalilian. 2009. Effects of Tillage Methods on Soil Fragmentation in Loamy-Clay Soils. *American J. of Agricultural and Biological Science* 4(2): 131-136. (ISI)

49. Abbaspour-Gilandeh, Y., Omid, M. 2007. Simulation program for predicting tractor field performance. *World Applied Science Journal*. 2(4): 552-558. (ISI)

50. Alimardani, R., Abbaspour-Gilandeh, Y., Khalilian, A., Keyhani, A. R., Sadati, S. H. 2007. Energy savings with variable-depth tillage "A precision farming practice".

American-Eurasian J. Agric. & Environ. Sci., 2 (4): 442-447. (ISI)

51. Abbaspour-Gilandeh, Y., Khalilian, A., Hasankhani, F. 2011. Use of soil EC data for zoning the production field by artificial neural network for applying the precision tillage. Journal of Agricultural Machinery Sciences (Tarim Makinalari Bilimi Dergisi), 7(1): 27-31.

52. Haghghat-Shishvan, S., Akdeniz, R., Abbaspour-Gilandeh, Y. Akkus, G. 2011. The Evaluation and Comparison of Stress Node on Extended Octagonal Ring Transducer by Strain energy Theory and Finite Element Method. Journal of Agricultural Machinery Sciences (Tarim Makinalari Bilimi Dergisi), 7(3): 299-303.

۲-۳- مقاله‌های ارائه شده در همایش‌های داخلی (با درج مشخصات کامل)

### Selected Presentations: Proceedings (National)

1- Abbaspour-Gilandeh, Y., Khalilian, A. 2009. Using of soil EC data for zoning the production field by artificial neural network for applying the precision tillage. 11th Iranian Soil Sciences Congress, Gorgan, Iran. (in Farsi)

2- Askari Asli-Ardeh, E., Abbaspour-Gilandeh, Y., Shojae, S., 2008. Dynamic friction coefficient of paddy grains on different surfaces. 5th National Congress on Agricultural Machinery Engineering and Mechanization of Iran, Mashhad, Iran. (in Farsi)

3- Rasooli-Sharabiani, V., Abbaspour-Gilandeh, Y. 2008. Effects of tillage methods on soil physical properties. 5th National Congress on Agricultural Machinery Engineering and Mechanization of Iran, Mashhad, Iran. (in Farsi)

4- Abbaspour-Gilandeh, Y., Alimardani, R., Khalilian, A., Keyhani, A.R., Sadati, S.H. 2008. Precision tillage as a substitute system for uniform-depth tillage for energy savings. 5th National Congress on Agricultural Machinery Engineering and Mechanization of Iran, Mashhad, Iran. (in Farsi)

5- Abbaspour-Gilandeh, Y., Alimardani, R., Khalilian, A., Keyhani, A.R., Sadati, S.H. 2008. Prediction of subsoiling draft force and energy requirement by artificial neural network model. 5th National Congress on Agricultural Machinery Engineering and Mechanization of Iran, Mashhad, Iran. (in Farsi)

6- Rahimi-Ajdadi, F., Abbaspour-Gilandeh, Y., Askari Asli-Ardeh, E., Shahgholi, G. 2009. Measurement system design for continuous soil mechanical strength mapping in order to use in precision agriculture. First National Conference on Modern Technologies in Agriculture and Natural Resources, Rasht, Iran. (in Farsi)

7- Rasooli-Sharabiani, V., Abbaspour-Gilandeh, Y. 2008. Effects of tillage methods on soil physical properties. 5th National Congress on Agricultural Machinery Engineering and Mechanization of Iran, Mashhad, Iran. (in Farsi)

8- Abbaspour-Gilandeh, Y., Alimardani, R., Khalilian, A., Keyhani, A.R., Sadati, S.H. 2008. Precision tillage as a substitute system for uniform-depth tillage for energy savings. 5th National Congress on Agricultural Machinery Engineering and

Mechanization of Iran, Mashhad, Iran. (in Farsi)

9- Abbaspour-Gilandeh, Y., Alimardani, R., Khalilian, A., Keyhani, A.R., Sadati, S.H. 2008. Prediction of subsoiling draft force and energy requirement by artificial neural network model. 5th National Congress on Agricultural Machinery Engineering and Mechanization of Iran, Mashhad, Iran. (in Farsi)

10- Abbaspour-Gilandeh, Y., Rasooli-Sharabiani, V., Askari Asli-Ardeh, E., Shahgholi, G., Rahimi-Ajdadi, F. 2009. Mechatronics assessment in tillage by continuous soil mechanical strength measurement. First National Conference on Modern Technologies in Agriculture and Natural Resources, Rasht, Iran. (in Farsi)

11- Ahani, M., Abbaspour-Gilandeh, Y., Askari Asli-Ardeh, E., Rasooli Sharabiani, V. 2009. Introducing a new model of cone penetrometer due to measurement of cone index data at controlled traffic farms. 11th Iranian Soil Sciences Congress, Gorgan, Iran. (in Farsi)

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۲-۴- مقاله‌های ارائه شده در همایش‌های بین‌المللی (با درج مشخصات کامل)

### Selected Presentations: Proceedings (International)

1- Abbaspour-Gilandeh, Y., Rahimi-Ajdadi, F., Askari Asli-Ardeh, E., and Rasooli Sharabiani, V. 2009. Application of artificial neural network for predicting fuel consumption of Tractor. International Agricultural Engineering Conference, Bangkok, Thailand, 7-10 December, 2009.

2- Abbaspour-Gilandeh, Y., Haghghat-Shishvan, S., Omid, M., Askari Asli-Ardeh, E., and Rasooli Sharabiani, V. 2009. Design, construction and calibration of extended octagonal ring transducers for measurement of tractor-implement forces. International Agricultural Engineering Conference, Bangkok, Thailand, 7-10 December, 2009.

3- Askari Asli-Ardeh, E., Abbaspour-Gilandeh, Y., Shojaei, S., and Shakarbeigi, S. 2009. Determination of some physical properties of paddy various varieties in different moisture levels. International Agricultural Engineering Conference, Bangkok, Thailand, 4-10 December, 2009.

5- Askari Asli-Ardeh, E., Abbaspour-Gilandeh, Y., Rouzegar, M.R., Shahi, N., 2009. Determination of the angle of repose and internal friction coefficient in some wheat common varieties. International Agricultural Engineering Conference, Bangkok, Thailand, 7-10 December, 2009.

- 6- Abbasi, S., Askari Asli-Ardeh, E., and Abbaspour-Gilandeh, Y. 2009. Performance and evaluation of threshing unit in a single plant thresher. International Agricultural Engineering Conference, Bangkok, Thailand, 7-10 December, 2009.
- 7- Rasooli Sharabiani, V., and Abbaspour-Gilandeh, Y. 2009. Determination of agricultural mechanization indices according to traction power of common tractors in Ardabil plain-Iran. International Agricultural Engineering Conference, Bangkok, Thailand, 7-10 December, 2009.
- 8- Shojaei, S., Askari Asli-Ardeh, E., and Abbaspour-Gilandeh, Y. 2009. Coefficients of Dynamic Friction of Paddy Grains on Various Metal Surfaces. International Agricultural Engineering Conference, Bangkok, Thailand, 7-10 December, 2009.
- 9- Ahani, M., Abbaspour-Gilandeh, Y., Askari Asli-Ardeh, E., and Rasooli Sharabiani, V. 2009. Design and performance of a tractor-mounted soil cone penetrometer with multiple-adjustable-probe. International Agricultural Engineering Conference, Bangkok, Thailand, 7-10 December, 2009.
- 10- Haghghat-Shishvan, S., Abbaspour-Gilandeh, Y., Askari Asli-Ardeh, E., and Rasooli Sharabiani, V. 2009. Design and performance of a new adjustable three- point linkage dynamometer. International Agricultural Engineering Conference, Bangkok, Thailand, 7-10 December, 2009.
- 11- Khalilian, A., Y. J. Han, S. Gorucu, Y. Abbaspour-Gilandeh. 2008. Performance of the Clemson Instrumented Shank in Coastal Plain Soils. ASABE Paper No. 08-3972. St. Joseph, Mich.
- 12- Abbaspour-Gilandeh, Y., M. Omid, A. R. Keyhani. 2007. Simulation program for predicting tractor field performance. Proceedings of the International Agricultural Engineering Conference (IAEC - 2007), Bangkok, Thailand.
- 13- Abbaspour-Gilandeh, V. Rasooli-Sharabiani. 2007. Continuous measurement of horizontal soil mechanical resistance at different soil depths. Proceedings of the International Agricultural Engineering Conference (IAEC - 2007), Bangkok, Thailand.
- 14- Rasooli-Sharabiani, V., Y. Abbaspour-Gilandeh. 2007. Effects of tillage equipment Combination on soil physical properties and potato yield. Proceedings of the International Agricultural Engineering Conference (IAEC - 2007), Bangkok, Thailand.
- 15- Rasooli-Sharabiani, V., Y. Abbaspour-Gilandeh. 2007. Investigation of the effects of tillage equipment combination on soil crumbling. Proceedings of the International Agricultural Engineering Conference (IAEC - 2007), Bangkok, Thailand.
- 16- Rasooli-Sharabiani, V., Y. Abbaspour-Gilandeh. 2007. Investigation of soil fragmentation of four tillage equipments in loamy clay soil. Proceedings of the 10th Iranian soil Congress, Karaj, Iran.

17- Abbaspour-Gilandeh, Y., A. Khalilian, R. Alimardani, A.R. Keyhani, S.H. Sadati. 2005. Energy savings with variable-depth tillage. Proceedings of the 2005 Southern Conservation Tillage Systems Conference, Florence, South Carolina, USA.

18- Alimardani, R., H. Mobli and Y. Abbaspour-Gilandeh. 2002. Dynamic Load Measurement on Rear Axle of Tractor. Proceeding of 2nd world engineering congress, Sarawak, Malaysia: 289-291.

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۲-۵- کتاب‌های تألیف شده ( شامل نام نویسنده (نویسندگان)، سال انتشار، عنوان، محل انتشار، ناشر، تعداد صفحه، و نام ویراستار

۲-۶- کتاب‌های ترجمه شده ( شامل نام نویسنده (نویسندگان)، نام مترجم (مترجمان)، سال انتشار، عنوان فارسی، محل انتشار، ناشر، تعداد صفحه، و نام ویراستار

۱- تئوری و طراحی اندازه‌گیری‌های مکانیکی، انتشارات دانشگاه محقق اردبیلی

۲- سیستم‌های الکتریکی توان باد

۳- طرح‌های پژوهشی اجرا شده (شامل نام مجری (مجریان) و همکار (همکاران)، عنوان، تاریخ شروع و خاتمه اجرای طرح، نتایج (به صورت گزارش پایانی، مقاله، استفاده از آن در فناوری).

## Research Projects

1- Measurement of horizontal soil mechanical resistance at multiple soil depths with a multiple blade system due to use in precision tillage. (Project manager-completed)

2- Determination of Some Physical and Mechanical Properties of the Wheat and Rice. (Project advisor- completed)

3- Determination of Agricultural Mechanization Indices According to Traction Power of Common Tractors in Ardabil Plain. (Project advisor)

4- Internal Evaluation of Agricultural Machinery Department. (Project manager-completed)

5- Design, Development and Field Evaluation of a High Speed Inter-Row-cultivator. (Project manager- completed)

6- Investigation of the Effect of Equipment Combination for Soil Physical Properties and Potato Yield. (Project advisor-Completed)

۴- داشتن خدمات ارزشمند در سازندگی و ارتقای سطح علمی و پیشرفت کشور:

۱-۶- سوابق علمی اجرایی:

- مدیر گروه مهندسی مکانیک ماشینهای کشاورزی از تاریخ ۱۳۸۵/۰۴/۲۵ تا ۱۳۸۷/۰۷/۲۷.

- معاونت آموزشی دانشکده کشاورزی از تاریخ ۱۳۸۷/۰۶/۲۸ تا ۱۳۸۹/۰۵/۱۴.

- مدیر امور پژوهشی دانشگاه از تاریخ ۱۳۸۹/۰۵/۱۵ تا ادامه دارد.

۳-۶- عضویت در انجمن‌ها، مجامع و هیئت تحریریه مجله‌های علمی

## Professional

Member, American Society of Agricultural and Biological Engineers (ASABE).

Member, Iranian Society of Agricultural Machinery Engineers and Mechanization.

Member, International Society for Terrain-Vehicle System (ISTVS), Member #: 2105.

National Member of CIGR, World Agricultural Engineering Society.

۵- پرورش دانشجویان و یا پژوهشگران شایسته:

۱-۷- تعداد دانشجویان دکترای تخصصی:

راهنمایی : ۵ نفر  
پایان یافته ۲ نفر، در دست انجام ۳ نفر

مشاوره : ۳ نفر  
پایان یافته ۱ نفر، در دست انجام ۲ نفر

۲-۶- تعداد دانشجویان کارشناسی ارشد:

تحت راهنمایی : ۳۲ نفر

پایان یافته ۲۶ نفر، در دست انجام ۶ نفر

تحت مشاوره : ۲۷ نفر

پایان یافته ۲۵ نفر، در دست انجام ۲ نفر

#### ۶- اطلاعات زیر را در صورت داشتن تکمیل فرمایید:

۲۶۴۲۴۱۷۵۶۰۰ Scopus Author ID -۱-۸

ISI Researcher ID -۲-۷

0000-0002-9999-7845 :ORCID -۳-۸

:Google Scholar Page -۴-۸

<https://scholar.google.com/citations?user=XM9CSa8AAAAJ&hl=en>

#### ۷- سایر اطلاعات:

### Honors

1-Top score in Ph.D entrance exams of University of Tehran, Tarbiat-Modares University, and Islamic Azad University.

2- Top score in M. Sc. National entrance exam.

3- The best student in the class (M.S.) (Gap =19 based on 20), Agricultural Machinery Engineering Department, University of Tehran, Karaj, Iran, 2001.

4- The best student in the class (B.S.) and the best student in Agricultural Faculty (Gap =18 based on 20), Agricultural Machinery Engineering Department, University of Tabriz, Tabriz, Iran, 1999.

5- The best student in the class (Ph. D.) (Gap =19 based on 20), Agricultural Machinery Engineering Department, University of Tehran, Karaj, Iran, 2005.

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