

Dr. Ahmad Khan

COMPLETE LIST OF PUBLICATION

A. Book Chapter

Ahmad Khan. 2019. Tillage and Crop Production. In: Agronomic Crops Vol 1. Production technology. M. Hasanuzzaman (ed.), © Springer Nature Singapore Pte Ltd. 2019 115, Pp-115-128, doi.org/10.1007/978-981-32-9151-5_7

B. Journal articles under processes

Sarmad Iqbal, Ahmad Khan, habib Akbar, Gulzar Ahmad, and Dost Mohammad. 2025. Farmyard manure mineralization: field and laboratory insights into manure placement depth and mulching strategies for sustainable maize production. **Under Review** Plant and Soil

Sajid Khan, Ahmad Khan, Habib Akbar and Zahid Hussain. Nutrients cycling and nitrogen losses depends on lability of the organic matter sources and microbial respiration. 2025. **Under review**. Pedosphere.

Khan, A., A. Khan, A. Qados, and Anjum. 2025. In vitro mineralization potential of manure and residual effects on maize production in semi-arid region, **Under review** Maydica Journal

Khan, A., E. Blagodatskaya and Y. Kuzyakov. 2025. ¹³C isotopic fractionation of old soil carbon is more sensitivity to low and high temperatures. Soil biology and Biochemistry. **Nearly finalized for submission**

Khan, A., and Y. Kuzyakov. 2025. Old soil C has higher glucose induced priming effects than young soil C. European J. of Soil Sciences. **Nearly finalized for submission**

C. Journal articles published.

H Index (5 years): 25, H Index (total): 31, Total Citation: 3447

Total Impact factors publications: 66

Total non-IF publications: 37

Conference/proceedings: 09

S. No	Author (s)	Manuscript title	Journal Name	Year, vol/pages	Contribution
1.	K Akhtar, I Djalovic, S Zaheer, A Khan , M Riaz, PVV Prasad, R Wen	Integrative effects of organic and inorganic fertilization on soil functions, nitrogen use efficiency, and wheat productivity depend on tillage intensities	Crop Sciences	2025 65 (1), e70008	L. Author
2.	MA Saleem, A Khan , J Tu, W Huang, Y Liu, N Feng, D Zheng, Y Xue	Salinity stress in rice: multilayered approaches for sustainable tolerance	International Journal of Molecular Sciences	2025 26 (13), 6025	Co-Author
3.	Sonia Sumreen, Muhammad Sharif, Tariq Sultan, Dost Muhammad and Ahmad Khan	Effect of isolated plant growth promoting rhizobacteria on growth and nutrients uptake by maize in acidic and alkaline soil conditions	Pak J. of Botany	2024 57(1):-----	Co-Author
4.	W Iqbal, A Khan, A Jamal, E Radicetti, MF Elsadek, MA Ali, R Mancinelli	Optimizing Maize Productivity and Soil Fertility: Insights from Tillage, Nitrogen Management, and Hydrochar Applications	Land	2024, 13 (8), 1329	L. Author

5.	I Muhammad, A Khan, AEZMA Mustafa, MS Elshikh, W Shen	Elucidating the modulatory effect of melatonin on enzyme activity and oxidative stress in wheat: a global meta- analysis	Physiologia Plantarum	2024 176 (2), e14294	Co-Author
6.	Ahmad Khan, F. Wichern, M.Uporova and Y. Kuzyakov	Mineralization and temperature sensitivity of soil organic matter pools of contrasting lability	European J. of Soil Sciences	2024 75(1): e13451	1 st & Corr. Author
7.	Haris Khan, A. Khan, S. Khan, A. Anjum, D. Muhammad and H. Akbar	The role of beneficial microbes in crop residue mineralization and maize production under various tillage practices	Soil and Tillage Research	2024 239: 106057	Corr. Author
8.	Ihsan M, J Wang, U. M Sainju, A. Khan, L. Yang, S. Ahmand, Y. Zhang, S. Fahad, XB Zhou, W. Shen	Integrated Use of Manure and Urea Fertilizer Economically Improve Wheat Production and Nitrogen Indices in a Range of Tillage Practices	Plant Growth Regulator	2024 43(2): 589-600	Co-Author
9.	Haris Khan, Ahmad Khan, Sajid Khan, Anjum Anjum, Habib Akbar, Dost Muhammad	Quantifying maize phenology using beneficial microorganisms and residue management under deep tillage system	Zemdirbyste-Agriculture	2023 110 (4): 301-310	Corr. Author
10.	Muhammad, I., L. Yang, S. Ahmad, S. Farooq, A. Khan, N. Muhammad, S. Ullah, M. Adnan, S. Ali, Q.P. Liang, X.B. Zhou	Melatonin-priming enhances maize seedling drought tolerance by regulating the antioxidant defense system	Plant Physiology	2023 191 (4), 2301-2315	Co-Author
11.	Sajid Khan, Ahmad Khan, Tahir Nadeem, Habib Akbar, and Zahid Hussain	Phenology, crop stand, and dry matter production of wheat in response to beneficial microbes and organic matter sources	SABRAO Journal of Plant Breeding and Genetics	2023 55 (2): 463-475	Corr. Author
12.	Myra Nazeer, M.J. Khan, Dost Muhammad, Ahmad Khan.	Biochar application stabilized the heavy metals in coal mined soil	Canadian. J. Soil Sci.	2023 103: 297-304	Corr. Author
13.	Imran Khan, Hongdou Lei, Ihsan Muhammad, Ahmad Khan, Mingyu Lei	Do changes in land use, water bodies, and grazing pastures have a detrimental influence on environmental quality? Opportunities and threats to long-term growth	Journal of Environmental Management	2023 325: 116609	Co-Author
14.	Saeedur Rahman, Ahmad Khan, Atique Azam, Abdur Rauf, Khalida Hamid Abbasi, Ali Hamza	Residue management with nitrogen fertilizer for improving the production of wheat (triticum aestivum l.)	Journal of Pharmaceutical Negative Results	2023 13 (7): 3325-3335	Co-Author
15.	Ul-Haq, I., A. Khan, MF Saeed, A. Mihoub, A. Jamal, M. Fawad, A. Zakir, R. Manzoor, A. Ali, M.S. Khalid	Timing and Splitting of Nitrogen Compensated for the Loss in Grain Yield of Dual-Purpose Wheat Under Varied Cutting Heights	Gesunde Pflanzen	2023 75:237–252	L. Author
16.	Madadi M. Zahoor, SWA. Shah, C. Sun, W. Wang, S.S. Ali, A. Khan, M. Arif, D. Zhu	Efficient co-production of xylooligosaccharides and glucose from lignocelluloses by acid/ pentanol pretreatment: Synergetic role of lignin removal and inhibitors	Bioresource Technology	2022 365:12171	Co-Author
17.	Ihsan Muhammad, Li Yang, Shakeel Ahmad, Saqib Farooq, Ahmad Khan, Muhammad Zeeshan, Xun Bo Zhou	Low irrigation water improves biomass saccharification, photosynthetic pigments of maize, and minimizes nitrate nitrogen leaching	Journal of Soil Science and Plant Nutrition	2022 22(4): 4897-4912	Co-Author
18.	Muhammad I, Yang L, Ahmad S, Zeeshan M,	Irrigation and nitrogen fertilization alter soil bacterial communities, soil	Front. Microbiology	2022 13:833758	Co-Author

	Farooq S, Ali I, Khan A and Zhou XB	enzyme activities, and nutrient availability in maize crop			
19.	Muhammad, I., Yang, L., Ahmad, S., Farooq, S., Al-Ghamdi, A.A., Khan, A. , Zeeshan, M., Elshikh, M.S. Abbasi, A.M., Zhou, X.B.	Nitrogen fertilizer modulates plant growth, chlorophyll pigments and enzymatic activities under different irrigation regimes.	Agronomy-MDPI	2022 12, 845	Co-Author
20.	Abdur Rehman, Shad Khan Khalil, Ahmad Khan & Andrew J. Wood	Improving agronomic traits in canola through foliar applied potassium nitrate, salicylic acid and methanol under water-limiting conditions	Comm. in Soil Science and Plant Analysis	2022 53(13): 1672-1684	Co-Author
21.	S. Naz, S. Ahmad, Ghulam Abbas, Z. Fatima, S. Hussain, M. Ahmed, M. A. Khan, Ahmad Khan , Shah Fahad, W. Nasim, S. Ercisli, C. J. Wilkerson, G. Hoogenboom	Modeling the impact of climate warming on potato phenology	European Journal of Agronomy	2022 132:12640 4	Co-Author
22.	Amreen Fazal, Ahmad Khan , Anjum Anjum, Sajid Khan, Asad Ali Khan & Habib Akbar	Wheat production and partial nitrogen budget in response to herbicide and nitrogen application	Journal of Plant Nutrition	2022 45(8): 1253-1263	Corr. Author
23.	Izaz Hussain, Ahmad Khan , Habib Akbar, Zahid Hussain	Maize response to soil properties improved with beneficial microbes, humic acid and farmyard manure application	Zemdirbyste-Agriculture	2021, 108: 321– 330	Corr. Author
24.	I. Khan, H. Lei, A. Khan , I. Muhammad, T. Javeed, A. Khan & Xuexi Huo	Yield gap analysis of major food crops in Pakistan: prospects for food Security	Environmental Science and Pollution Research	2021, 28:7994– 8011	Co-Author
25.	I. Ul Haq, Y. Lin, A. Khan , F. Munsif, Z. Tao, S. Deng, A. Khan, I. Ahmad, M. Shahid, S. Zaheer, M. Q. Kakar, Q. Huang, Zhiyou Zou	Nitrogen management and cutting height can reduce wheat grain loss by improving plant growth under Dual purpose wheat system	Mitteilungen Klosterneuburg	2021, 71(6):59- 79	L-Author
26.	Ihsan Muhammad, Jun Wang, Ahmad Khan , Shakeel Ahmad, Li Yang, Izhar Ali, Muhammad Zeeshan, Saif Ullah, Shah Fahad, Shamsher Ali, Xun Bo Zhou	Impact of the mixture versus solo residue management and climatic conditions on soil microbial biomass carbon to nitrogen ratio: a systematic review	Environmental Science and Pollution Research	2021, 28, 64241- 64252.	Co-Author
27.	Anjum, Ahmad Khan	Decomposition of soil organic matter is modulated by soil amendments	Carbon Management	2021 12, 37-50	Corr. Author
28.	Yafei Guo, Anjum Anjum, Ahmad Khan , Asif Naeem, Karl H. Mühling	Comparative Effectiveness of Biogas Residue Acidification and Nitrification Inhibitors in Mitigating CO ₂ and N ₂ O Emissions from Biogas Residue- Amended Soils	Water Air Soil Pollut	2021 232, 345	Co-Author
29.	Ihsan Muhammad, Jun Wang, Upendra M. Sainju, Shaohong Zhang, Fazhu Zhao, Ahmad Khan	Cover cropping enhances soil microbial biomass and affects microbial community structure: A meta-analysis	Geoderma	2021 381, 114696	Co-Author
30.	Izaz Hussain, Ahmad Khan , and Habib Akbar	Maize Growth in Response to Beneficial Microbes, Humic Acid and	Sarhad J of Agriculture	2021, 37(4):	Corr. Author

		Farmyard Manure Application		1426-1435	
31.	Arsalan Khan, Aminullah Khan, Dil Fayaz Khan, Sajid Khan, Anjum, Waqar Ali, Habib Akbar, Ahmad Khan	Optimizing Nitrogen Sources and Tillage Practices for Wheat Crop Stand and Phenology	Sarhad J of Agriculture	2021, 37(2): 340-347	Corr. Author
32.	K. Akhtar, W. Wang, G. Ren, A. Khan , N. Enguang, A. Khan, Y. Feng, G. Yang, H Wang	Straw mulching with inorganic nitrogen fertilizer reduces soil CO ₂ and N ₂ O emissions and improves wheat yield	Science of the Total Environment	2020 741, 140488	Co-Author
33.	Muhamamd Ibrahim, Ahmad Khan , Anjum, Waqar Ali, Habib Akbar	Mulching techniques: An approach for offsetting soil moisture deficit and enhancing manure mineralization during maize cultivation	Soil and Tillage Research	2020 200; 104631	Corr. Author
34.	S. Alam, N.A. Khan, A. Muhammad, I. Jan, M. S. Hashmi, A. Khan , M.O. Khan	Carryover of aflatoxin b1 from feed to broilers' tissues and its effect on chicken performance	Fresenius Environmental Bulletin	2020 29(1): 214-221	Co-Author
35.	S. Zaheer, M. Arif, K. Akhtar, A. Khan , A. Khan, S. Bibi, M.M. Aslam, S. Ali, F. Munsif, F. Jalal, N. Ain, F. Said, M.A. Khan, M. Jahangir and Fan Wei	Grazing and Cutting under Different Nitrogen Rates, Application Methods and Planting Density Strongly Influence Qualitative Traits and Yield of Canola Crop	Agronomy-MDPI	2020 10, 404	L. Author
36.	Anjum and Ahmad Khan	Phenology, Crop Stand and Biomass of Wheat in Response to Farmyard Manure and Soil Amendments	Sarhad J of Agriculture	2020 36(3): 777-788	Corr. Author
37.	Manzoor, A. Khan , A. Sohail, S. Ali F.A. Shah, J. Iqbal, M.O. Khan and S. Nawaz	Corn Yield Response to Deficit Irrigation During Low and High Sensitive Growth Stages and Planting Methods under Semi-Arid Climatic Conditions	Sarhad J of Agriculture	2020 36(1): 21-32.	L. Author
38.	A. Khan, Z Jie, D.K. Y. Tan, A. Khan , K. Akhtar, K. Xiangjun, F. Munsif, A. Iqbal, M.Z. Afridi, A. Ullah, S. Fahad and R. Zhou	Changes in Leaf Structural and Functional Characteristics when Changing Planting Density at Different Growth Stages Alters Cotton Lint Yield under a New Planting Model	Agronomy-MDPI	2019 9, 859	Co-Author
39.	Khan, A. , S. Fahad, A. Khan, S. Saud, M. Adnan, W. Nasim, H.M. Hammad, S. Ahmad, M.H. Rehman and D. Wang.	Managing Tillage Operation and Manure to Restore Soil Carbon Stocks in Wheat-Maize Cropping System	Agronomy Journal, USA	2019 111(5): 2600-2609	1 st and Corr. Author
40.	K Akhtar, W Wang, G Ren, A Khan , Y Feng, G Yang, H Wang	Integrated use of straw mulch with nitrogen fertilizer improves soil functionality and soybean production	Environment International	2019 132:105092	Co-Author
41.	Ihsan, M., Sainju, F Zhao, A Khan , R Ghimire, X Fu, J Wang	Regulation of soil CO ₂ and N ₂ O emissions by cover crops: A meta-analysis	Soil and Tillage Research	2019 192:103-112	Co-Author
42.	I Khan, T Javed, A. Khan , H Lei, I Muhammad, I Ali, X Huo	Impact assessment of land use change on surface temperature and agricultural productivity in Peshawar-Pakistan	Environmental Science and Pollution Research	2019 26:33076–33085	Co-Author
43.	A. Khan, H.H. Liu, A. Ahmad, L. Xiang, W. Ali, A. Khan , M. Kamran, S. Ahmad, J.C. Li	Impact of Nitrogen Regimes and Planting Densities on Stem Physiology, Lignin Biosynthesis and Grain Yield in Relation to Lodging Resistance in Winter Wheat (<i>Triticum aestivum</i> L.)	Cereal Research Communications	2019 47 (3): 566-579	1 st & Corr. Author
44.	Ahmad Khan , Asim Muhammad, Asad Ali Khan,	Nitrogen Affects Leaf Expansion and Elongation Rates During Early	International Journal of	2019 231:	1 st & Corr.

	Shazma Anwar and Philip A. Hollington	Growth Stages of Wheat	Agriculture and Biology	1117-1122	Author
45.	K. Akhtar, W. Wang., Ahmad Khan , Guangxin Ren, M. Z. Afridi, Feng Yongzhong, and Gaihe Yang	Wheat straw mulching offset soil moisture deficient for improving physiological and growth performance of summer sown soybean	Agricultural Water Management	2019 211:16-25	Co-Author
46.	K. Akhtar, W. Wang, Ahmad Khan , G. Ren, S. Zaheer, Tanveer A. Sial, Yongzhong Feng and Gaihe Yang	Straw mulching with fertilizer nitrogen: An approach for improving crop yield, soil nutrients and enzyme activities	Soil Use and Management	2019 35(3): 526-535	Co-Author
47.	A. Basir, A. Tahir, K. Afridi, S. Fahad, Z. Ahmad, M. Adnan, M. Alam, S. Shah, A. Khan , F. Wahid, M. Ibrahim, I. Rahman, M.A. Khan and R. Ali	Optimization of Sowing Time and Seed Rates Can Enhance Wheat Yield in Semi-arid Environment	Philipp Agric Scientist	2018 101: 326–332	Co-Author
48.	T. U. Khan, MT Jan, A. Khan , G. Ahmad, M. Ishaq, K. Afridi, M. Ali, M. A. Qureshi, I. Ahmad and M. Saeed.	Integrated Management of Fertilizer Nitrogen and Poultry Manure Enhance Wheat Production	Pakistan Journal of Agricultural Research	2018 31(3): 207-215	Co-Author
49.	S. Ali, A. Jan, Manzoor, A. Sohail, A. Khan , M. Ijaz Khan, Inamullah, J. Zhang and I. Daur	Soil amendments strategies to improve water-use efficiency and productivity of maize under different irrigation conditions	Agricultural Water Management	2018 210:88-95	Co-Author
50.	Ihsan Muhammad, Farman Ullah Khan, Ahmad Khan and Jun Wang	Soil Fertility in Response to Urea and Farmyard Manure Incorporation under Different Tillage Systems in Peshawar, Pakistan	International Journal of Agriculture and Biology	2018 20 (7):1539-47	Co-Author
51.	Kashif Akhtar, W Wang, Ahmad Khan , G Ren, MZ Afridi, Y Feng, G Yang.	Wheat straw mulching with fertilizer nitrogen: An approach for improving soil water storage and maize crop productivity	Plant, Soil & Environment	2018 64 (7), 330-337	Co-Author
52.	A Kashif, W Wang, G Ren, A Khan , Y Feng, G Yang	Changes in soil enzymes, soil properties, and maize crop productivity under wheat straw mulching in Guanzhong, China	Soil and Tillage Research	2018 182, 94-102	Co-Author
53.	A Khan , N Ali, SI Haider	Maize productivity and soil carbon storage as influenced by wheat residue management	Journal of Plant Nutrition	2018, 41 (14), 1868-1878	1 st & Corr. Author
54.	A Khan	Nitrogen translocation efficiency in wheat depends on N sources and tillage practices	18th Australian Agronomy Conference	2017, 18, 1-4	1 st & Corr. Author
55.	Ibrahim M and A. Khan	Phenology and Maize Crop Stand in Response to Mulching and Nitrogen Management	Sarhad J of Agriculture	2017, 33 (3), 426-434	Corr. Author
56.	A. Khan , M.Z. Afridi, M. Airf, S. Ali, I. Muhammad	A Sustainable Approach toward Maize Production: Effectiveness of Farm Yard Manure and Urea N	Annals of Biological Sciences	2017 5(1): 8-13	1 st & Corr. Author
57.	M.A. Afsar, SK Khalil, Imranuddin, A. Khan , IH. Khalil	Days to silking, stover yield & soil electrical conductivity of maize hybrid - Babar as affected by nitrogen and sulfur applied in different combinations	Int. Journal of Biosciences	2017 10(3): 199-208	Co-Author
58.	Aaqil Khan, A. Khan , Jincal Li, M. Irfan Ahmad, Alam Sher, Arif Rashid, Waqar Ali	Evaluation of Wheat Varietal Performance under Different Nitrogen Sources	American Journal of Plant Sciences,	2017 8:561-573	L. Author

59.	Khalil, S.K, ----- and A. Khan.	Foliar Ethephon Fruit Thinning Improves Nut Quality and Could Manage Alternate Bearing in Pecan.	The Pharmaceutical & Chemical Journal	2016 3: 150-156	Co-Author
60.	Rashid Zaman, Ahmad Khan	Growth and yield performance of maize seeded in line and broadcasted to varying doses of nitrogen	Cercetari Agronomice in Moldova	2016 49(2):21-27 .	Corr. Author
61.	Khan, A. A, A. Kamal, F. Shah, B. Islam, A. Iqbal, A. Khan, and A. Khan	Improving Zinc Efficiency through Tillage Practices for Wheat Productivity and Soil Properties	J. Appl. Environ. Biol. Sci.,	2016 6(4S)167-174	Co-Author
62.	Ahmad Khan , Shazma Anwer and Muhammad Zahir Afridi	Response of mungbean (<i>Vigna Radiata L.</i>) cultivars to various levels of phosphorous application in agroclimatic condition of Peshawar	Int. Journal of Agricultural & Environ. Research	2015 1(2): 68-72	1st & Corr. Author
63.	Hamdan Ali Khan and Ahmad Khan	Phosphorus and zinc fertilization on maize yield and Yield components	Int. J. of Agri and Enviro Research	2015 1(2): 62-67	L. Author
64.	Khan, A. , Jan, M.T., Afzal, M., Muhammad, I., Jan, A., Shah, Z.	Wheat production: An integrated approach using organic amendments under a range of tillage practices in a cereal based cropping system.	Int. Journal of Agriculture and Biology.	2015 17(3): 467-474	1 st & Corr. Author
65.	Akhtar, K. A. Khan , M.T.Jan, M.Z. Adridi, S.Ali and S. Zaheer.	Effect of humic acid and crop residue application on emergence and wheat phenology.	Pure and applied biology	2015 4(1): 97-130	Co-Author
66.	Khalil, S.K. S. Rehman, A. Rehman, S. Wahab, F. Muhammad, A.R. Saljoki, A.Z. Khan, Amanullah, A. Khan.	Water harvesting through micro-watershed for improved production of wheat (<i>Triticum aestivum L.</i>) in semiarid region of Northwest, Pakistan.	Soil and tillage Research	2014 138: 85-89	Co-Author
67.	Khan A., Jan, M.T., Jan, A., Shah, Z., Arif. M.	Efficiency of dry matter and N accumulation and redistribution in wheat as affected by tillage and nitrogen management.	Journal of Plant nutrition	2014 37(5): 723-737	Co-Author
68.	Ibrahim, M., M. Hussain, A. Khan , Y. Jamal, M. Ali, M.F.A. Malik.	Effect of Nitrogen and Phosphorus on Yield and Yield Components of Sesame.	J. of Science: Basic and Applied Res.	2014 18 (1): 95-101	Co-Author
69.	Afrid, M.Z., M.T. Jan, F. Munsif, A. Khan, G. Nabi, M. Ahmad, M. Wasiullah, A. Khan, R. Ullah.	Nitrogen Partitioning and Translocation in Wheat under Fertilizer-N Levels, Application Time and Decapitation Stress.	Journal of biology, agriculture and healthcare.	2014 4(13): 1-9	Co-Author
70.	Akhtar, K., S.N.M. Shah, A. Ali, S. Zaheer, F. Wahid, A. Khan , M. Shah, S. Bibi, A. Majid.	Effects of Humic Acid and Crop Residues on Soil and Wheat Nitrogen Contents. American	Journal of Plant Sciences	2014 5(9): 1277-1284	L. Author
71.	Arif, M., Tariq, M., Munsif, F., Jan, M.T., Rab, A., Khan, A.	Effect of N Application Timing and Cutting Treatments on Phenology and Leaf Area of Three Brassica Cultivars.	Communications in Soil Science and Plant analysis	2012 43(21): 2809-2819.	Co-Author
72.	Jan, M.T., Khan, M.J., Farhatullah, Arif, M., Afridi, M.Z., Khan, A., Akbar, H.	Integrated management of crop residue and n fertilizer for wheat production.	Pakistan J. of Botany.	2012 44(6): 2015-2019	Co-Author
73.	Asim, M., Akmal, M., Khan,	Rate of N application influences yield	Pakistan J. of	2012	Co-

	A., Farhatullah, Raziuddin.	of maize at low and high population in Khyber Pakhtunkhwa, Pakistan	Botany.	44(1): 289-296.	Author
74.	Shad, K.K. St-Hilair, R., Khan, A., Rehman, A Mexal, J.G.	Growth and physiology of yarrow species <i>Achillea millefolium</i> cv. Cerise Queen and <i>Achillea Filpendulina</i> cv. Parker Gold at optimum and limited moisture	Australian Journal of Crop Sciences	2011 5(13): 1698-1706	Co-Author
75.	Jan, M.T., Khan, m.j, Khan, A. , Arif, M., Farhatullah, Saeed, M., Afridi, M.Z.	Improving wheat productivity through source and timing of nitrogen fertilization.	Pakistan J. of Botany.	2011 43(2): 905-914	Co-Author
76.	Jan, M.T., Khan, M.J. Khan, A. , Arif, M., Shafi, M.	Wheat N indices response to nitrogen sources and application time.	Pakistan J. of Botany.	2010 42(6): 4267-79	Co-Author
77.	Arif, M., Jan, M.T., Khan, N.U., ... & Khan, A. , Munir, M., Saeed, M., Iqbal, A..	Impact of plant population and nitrogen levels on maize.	Pakistan J. of Botany.	2010 42(6): 3907-13	Co-Author
78.	Khan, A. , Khalil, S.K.	Effect of leaf area on dry matter production in aerated mung bean seed. Int.	J. of Plant Physiology & Biochemistry.	2010 2(4): 52-61.	1 st & Corr. Author
79.	Amanullah, Khan, A. , Hussain, Z., Jan, D.	Performance of wheat cultivars sown at different seeding rates under drought-stress conditions.	Archives of Agronomy and Soil Science.	2010 56(1): 99-105	Co-Author
80.	Shad K.K., Khan, S., Rahman, A., Khan, ----- & Khan, A.	Seed priming and phosphorus application enhance Phenology and dry matter production of wheat.	Pakistan J. of Botany.	2010 42(3): 1849-1856.	Co-Author
81.	Arif, M., Jan, M.T., Khan, A. , Khan, M.J.	Effect of seed priming on growth parameters of soybean.	Pakistan J. of Botany.	2010 42(4): 280-2812	Co-Author
82.	Khan, A. Jan, M.T., Arif, M., Mawat, K.B., Jan, A.	Organic and Inorganic N treatments effects on plant and yield attribute of maize in a different tillage systems.	Pakistan J. of Botany.	2009 41(1): 99-108	1 st & Corr. Author
83.	Khan, A. Jan, M.T., Arif, M., Mawat, K.B. Jan, A.	Phenology and crop stand of wheat as affected by nitrogen sources and tillage systems.	Pakistan J. of Botany.	2008 40(3): 1103-12	1 st & Corr. Author
84.	Khan, A. Khalil, S.K. Khan, A.Z., Mawat, K.B., Afzal, A.	The role of seed priming in semi-arid area for mung bean phenology and yield.	Pakistan J. of Botany.	2008 40(6): 2471-80	1 st & Corr. Author
85.	Amanullah, Khan, A. , Shah, P., Zada, K.	Evaluation of barley genotypes under water stress condition planted at different seeding rates.	Crop Research.	2008 36(1-3): 37-41	Co-Author
86.	Waqar, A., Hidayat-ur-Rahman, Ahmad, K., Munir, I., Khan, A.	Genetic variability among maize hybrids for yield and yield components.	Sarhad Journal of Agriculture.	2007 23 (1): 75-79	Co-Author
87.	Amanullah, Khan, A.A., Nawab, K., Khan, A. , Islam, B.	Growth characters and fodder production potential of sorghum varieties under irrigated condition.	Sarhad Journal of Agriculture.	2007 23(2): 265-268	Co-Author
88.	Ilyas, M., Khan, A. , Arif, M.	Performance of different wheat varieties under the climatic condition Peshawar.	Sarhad Journal of Agriculture.	2006 22(3): 373-375	Corr. Author

89.	Afzal, A., Said, A., Khan , A., Amin, M.	Comparison of wheat and barley for yield and yield components under different irrigation patterns.	Sarhad Journal of Agriculture.	2006 22 (1): 7-11	Co-Author
90.	Sajida. P., Nazif, W., Firqan, M., Khan , A., Khattak, I.A.	Nutritional status of different orchards irrigated with wastewater in district Peshawar.	Journal Agriculture and Biological Sciences	2006 1(1): 42-50.	Co-Author
91.	Khan , A., Khalil, S. K., Khan, S., Afzal, A.	Priming affect crop stand of mungbean.	Sarhad. Journal Agriculture.	2005 21:535-38	1st & Corr. Author
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93.	Khan , A., Jan, A., Alam, S.	Effect of nitrogen and seed sizes on maize crop II. Yield and yield components.	Journal of Agricultural and Social Sciences	2005 1 (4): 378-379	1 st & Corr. Author
94.	Khan , A., Jan, A., Bashir, S., Noor, M.	Effect of nitrogen and seed sizes on maize crop I. Crop stand and plant height.	Journal of Agricultural and Social Sciences	2005 1 (4): 380-381	1 st & Corr. Author
95.	Khan , A. Durrishewar, Menhas, S.,	Response of maize phenology and biological yield to various levels of nitrogen and seed sizes.	Journal Sciences and Technology.	2005 29 (1): 57-62.	1 st & Corr. Author
96.	Amanullah, Khan , A., Khan, H.	Forage potential of vetch varieties at Peshawar.	Sarhad Journal of Agriculture.	2005 21 (3): 323-325	Co-Author
97.	Amanullah, Khan , A., Alam, S., Khan, H.	Performance of berseem varieties at Peshawar.	Sarhad Journal of Agriculture.	2005 21:317-21	Co-Author
98.	Afzal, A., Khalil, S.K., Abdullah, Khan , A.	Effects of Polyethylene glycol concentrations and duration on the yield of mung bean.	Sarhad Journal of Agriculture.	2005 21 (2): 171-175	Co-Author
99.	Khan , A., Amanullah.	Growth characters and fodder production potential of millet varieties under irrigated conditions.	Pakistan Journal Soil Sciences	2004 23(3-4): 64-67	1 st & Corr. Author

100.	Mohammad, S., Qaim, M., Arif, M., Khan, A.	Fodder production potential of sorghum legume intercropping.	Pakistan Journal of Soil Sciences	2003 22:54-57	Co-Author
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E. Conference paper presented/published

S. No	Author (s)	Manuscript title	Theme of the conference	Proceeding Name	Conference organization	Year & venue
101.	Khan, A	Nitrogen translocation efficiency in wheat depends on N sources and tillage practices	Doing more with less	18 th Proceedings	Australian Society of Agronomy	24-28 Sep, 2017 Victoria, Australia
102.	Khan, A. , M.T. Jan, M. Ihsan, M. Afzal	Soil organic carbon and total nitrogen sequestrations in response to tillage and nitrogen fertilizer sources in cereal based cropping system	5 th international symposium on soil organic matter	Abstract book	Georg August University, Gottingen Germany	20-24 Sep, 2015, Gottingen Germany
103.	Khan, A	Sensitivity of Organic Matter Pools' Decomposition to Soil Temperature	5 th international symposium on soil organic matter	Abstract book	Georg August University, Gottingen Germany	20-24 Sep, 2015, Gottingen Germany
104.	Khan, A	Glucose induced priming effect pattern of young and old soil carbon in response to temperature	Geosciences, space & planetary sciences	Volume 17	European Geosciences Union	12 – 17 April 2015, At Vienna, Austria
105.	Khan, A. Y. Kuzyakov	Temperature affects ¹⁴ C labelled glucose decomposition & microbial utilization under C ₃ -C ₄ vegetation shift	-	-	Humboldt Network meeting,	26-28 Nov, 2014, Würzburg, Germany
106.	Khan, A. , Zaman, R., Arif, M., Jan, M.T.	Combating food shortages through fertilizer management under improved planting practice	Food Security from Sustainable Agriculture	14 th Proceedings	Australian Society of Agronomy	Nov- 2010 Lincoln, New Zealand
107.	Khan, A. , Zaheer, S., Khan, I., Islam, B.	Climatic effects on the cropping pattern of hilly areas in district Dir (Pakistan)	biodiversity livelihood, and climate change in the Himalaya	2015/3	Tribuvan University, Katmandu, Nepal	Dec- 2010 Tribuvan University, Katmandu, Nepal
108.	Khan, A. , Jan, M.T., Jan, A., Shah, Z., Ali, S.	Tillage and nitrogen management in a wheat-maize farming system.	Global Issues Paddock Action.	14 th Proceedings	Australian Society of Agronomy	Sep-2008 Adelaide South Australia.
109.	Ali, S., Bhatti, A.U. Ghani, A., Khan, A.	Effect of farmyard and inorganic fertilizers on the yield of maize in	Global Issues Paddock Action.	14 th Proceedings	Australian Society of Agronomy	Sep- 2008 Adelaide South

		wheat-maize system on eroded inceptisols in northern Pak				Australia.
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