Prof. Dr. Asim Muhammad

RESEARCH PUBLICATIONS:

List of Impact factor publications in Web of Science (W-category)

S.#	Names of author (s)	Journal (Name & Adress)	ISSN (Print) #	National / International	Title of paper/ Presentation	Vol.issue. pages	Date
	Asim etal	Pakistan Journal of Botany	0556-3321	International	ENHANCING PHOSPHORUS USE EFFICIENCY IN WHEAT UNDER ALKALINE SOIL USING RHIZOBACTERIA AND INTEGRATED FERTILIZATION	58(11):1-12	2026
	Asim etal	Chemical and Biological Technologies in Agriculture	2196-5641	International	Mitigation of drought stress in wheat by Bacillus xiamenensis and Bacillus gibsonii through improved growth, nitrogen dynamics, and urease activity	13:54	2026
	Asim etal	Journal of Plant Nutrition	0190-4167	International	Sustainable nitrogen optimization in mung bean production: evaluating nitrogen-fixing bacteria and nitrogen dosages for yield and soil health		2026

	Asim etal	*Scientific Reports*	**2045-2322**	International	Utilizing spent mushroom substrate biochar to improve *Zea mays* L. growth and biochemical resilience against cadmium and chromium toxicity.	15, 17511	2025
	Asim etal	Scientific Reports	**2045-2322**	International	Influence of sole and consortia application of micro-nutrients for biofortification of zinc, iron and boron for improving maize productivity.)	15, 33250	26/9/2025
1	Asim etal	BMC Plant Biology, BMC , CAMPUS , 4 CRINAN ST, LONDON, ENGLAND, N1 9XW	1471-2229	International	Enhancing nitrogen use efficiency and yield of maize (Zea mays L.) through Ammonia volatilization mitigation and nitrogen management approaches	24,74: 1-12	27/01/2024
2	Asim etal	International journal of phytoremediation, taylor & fRANCIS INC , 530 WALNUT STREET, STE 850, PHILADELPHI	1522-6514	International	Influence of agro-wastes derived biochar and their composite on reducing the mobility of toxic heavy metals and their bioavailability in industrial contaminated soils	1-15	Published 04 Jun 2024 Accepted May, 2024

3	Asim etal	Acta Scientiarum Polonorum, Hortorum Cultus-UNIV LIFE SCIENCES LUBLIN , AKADEMICKA 15, LUBLIN, Poland, 20-950	1644-0692	International	Effect of chitson on Post-harvest shelf life of persimmon.	22 (2): 27-43	Published 28/04/2023 Accepted 19 Sept, 2022
4	Asim etal	Environmental Pollution, ELSEVIER SCI LTD , THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD, ENGLAND, OXON, OX5 1GB	0269-7491	International	Multi-geostatistical analyses of the spatial distribution and source apportionment of potentially toxic elements in urban children's park soils in Pakistan: A risk assessment study.	Volume 311, Page: 119961.	14/08/2022
5	Asim etal	FRONTIERS IN ENVIRONMENTAL SCIENCE, FRONTIERS MEDIA SA , AVENUE DU TRIBUNAL FEDERAL 34, LAUSANNE, SWITZERLAND, CH-1015	2296-665X	International	A practical and economical strategy to mitigate salinity stress through seed priming.	10:991977	1/10/2022
6	Asim etal	Brazilian Journal of Biology, PublicaÃ§Ã£o de: Instituto Internacional de Ecologia *City. São Carlos. Country*. Brazil. FI.1.651impressa Brazil	1678-4375	International	Role of beneficial microbes with nitrogen and phosphorous levels on canola productivity.	82, e227703	1/1/2022 Accepted: 05-11-2020

7	Asim etal	Journal of Plant Nutrition	0190-4167, 1532-4087	International	Phenology, growth, productivity, and profitability of mungbean as affected by potassium and organic matter under water stress vs. no water stress conditions.	45, 5, 629-650	5/7/2021
8	Asim etal	Journal of Saudi Chemical Society Address: ELSEVIER , RADARWEG 29, AMSTERDAM, NETHERLANDS, 1043 NX	1319-6103	International	Effect of wheat straw derived biochar on the bioavailability of Pb, Cd and Cr using maize as test crop	25, 101232	26/03/2021
9	Asim etal	Communications in Soil Science and Plant Analysis/ Taylor & Francis INC, 530 Walnut Street, STE 850, Philadelphia, USA, PA, 19106	0010-3624	International	Integrated Use of Biofertlizers with Organic and Inorganic Phosphorus Sources Improve Dry Matter Partitioning and Yield of Hybrid Maize.	52 (21): 2732-2747	22/10/2021
10	Asim etal	Communications in Soil Science and Plant Analysis/ Taylor & Francis INC, 530 Walnut Street, STE 850, Philadelphia, USA, PA, 19106	0010-3624	International	Integrated Foliar Nutrients Application Improve Wheat (Triticum Aestivum L.) Productivity under Calcareous Soils in Drylands	52 (21): 2748-2766	6/9/2021

11	Asim etal	Agronomy / MDPI, ST ALBAN-ANLAGE 66, BASEL, SWITZERLAN D, CH-4052	2073-4395	International	Phosphorus and Zinc Fertilization Influence Crop Growth Rates and Total Biomass of Coarse vs. Fine Types Rice Cultivars	10, 1356 1-14	9/9/2020
12	Asim etal	Agriculture / MDPI, ST ALBAN-ANLAGE 66, BASEL, SWITZERLAND, CH-4052	2077-0472	International	Nitrogen Contents in Soil, Grains, and Straw of Hybrid Rice Di_er When Applied with Different Organic Nitrogen Sources	10 386 (1-14)	2/9/2020
13	Asim etal	Agronomy/ MDPI, ST ALBAN-ANLAGE 66, BASEL, SWITZERLAND, CH-4052	2073-4395	International	Phosphorus and Zinc Fertilization Improve Zinc Biofortification in Grains and Straw of Coarse vs. Fine Rice Genotypes	10, 1155: 1-14	7/8/2020
14	Asim etal	Agronomy / MDPI, ST ALBAN-ANLAGE 66, BASEL, SWITZERLAND, CH-4052	2073-4395	International	Phosphorus and Zinc Fertilization Improve Productivity and Profitability of Rice Cultivars under Rice and Wheat System	10, 1085: 1-15	27/07/2020
15	Asim etal	Fresenius Environmental Bulletin / PARLAR SCIENTIFIC PUBLICATIONS (P S P), ANGERSTR. 12, FREISING, GERMANY, 85354	1018-4619	International	Influence of zinc on seed production & Fats content of black seed.	29, (09A) 8094-8103	1/9/2020

17	Asim etal	*Grasas y Aceites* / Consejo Superior Investigaciones Cientificas-CSIC, Vitruvio 8, Madrid, Spain, 28006	0017-3495	International	Sulphur doses and its application times on yield and oil quality of canola under calcareous soil.	71 (1), e341 Pages (1-8)	13 January 2020
18	Asim etal	Scientia Horticulturae / Elsevier, Radarweg 29, Amsterdam, Netherlands, 1043 NX	0304-4238	International	The effects of organic amendments on heavy metals bioavailability in mine impacted soil and associated human	262, 109067 Pages (1-8)	27 February 2020
19	Asim etal	Fresenius Environmental Bulletin / Parlar Scientific Publications (P S P), Angerstr. 12, Freising, Germany, 85354	1018-4619	International	Improving okra *(Abelmoschus esculentus* l.) growth and yield by mitigating drought through exogeneous application of salicylic acid. p	29 (01), 529-535	January, 2020
20	Asim etal	Fresenius Environmental Bulletin / Parlar Scientific Publications (P S P), Angerstr. 12, Freising, Germany, 85354	1018-4619	International	Carryover of aflatoxin b1 from feed to broilers' tissues and its effect on chicken performance..	29 (01), 214-221	January, 2020
21	Asim etal	Fresenius Environmental Bulletin / Parlar Scientific Publications (P S P), Angerstr. 12, Freising, Germany, 85354	1018-4619	International	Microbiological quality of fresh vegetables from selected retail establishments in Peshawar-Pakistan.	28 (11A), 8773-8782	November, 2019

22	Asim etal	International Journal of Agriculture & Biology / Friends Science Publ, 399-B, Peoples Colony NO 1, Faisalabad,	1560-8530	International	Nitrogen Affects Leaf Expansion and Elongation Rates During Early Growth Stages of Wheat.	21(6), 1117-1122	March, 2019
23	Asim etal	Communications in Soil Science and Plant Analysis / Taylor & Francis INC, 530 Walnut Street, STE 850, Philadelphia, USA, PA, 19106	0010-3624	International	Integrated Management of Phosphorus, Organic Sources, and Beneficial Microbes Improve Dry Matter Partitioning of Maize.	50(20): 2544-2569	30 Sep 2019.
24	Asim etal	Pak. Journal of Botany / Pakistan Botanical Soc, Dept Of Botany Univ Karachi, Karachi, Pakistan, 32	0556-3321	International	Growth analysis of soybean Land races	45(3), 941-949	May, 2013
25	Asim etal	Pak. Journal of Botany / Pakistan Botanical Soc, Dept Of Botany Univ Karachi,	0556-3321	International	Seasonal and cultivar effects on nodulation potential of soybean.	44(1), 317-320	January, 2012
26	Asim etal	Pak. Journal of Botany / Pakistan Botanical Soc, Dept Of Botany Univ Karachi, Karachi, Pakistan, 32	0556-3321	International	Evaluation of comman Bean germplasm collected from the neglected pockets of NWFP Pakistan at Kalam (Swat).	43(1), 213-219	February, 2011

27	Asim etal	Pak. Journal of Botany / Pakistan Botanical Soc, Dept Of Botany Univ Karachi, Karachi, Pakistan, 32	0556-3321	International	Nutritional quality and production of soybean land races and improved varieties as affected by	41(2), 683-689	April, 2009

List of X category publications

S.#	Names of author (s)	Journal (Name & Adress)	ISSN (Print)#	National / International	Title of paper/ Presentation	Vol.issue. pages	Date
	Kabir Khan, Asim Muhammad.	Planta Animalia		Role of Molybdenum and Methods of Application of Nitrogen	Volume 4, Issue 5.	429-438	2025
1	Zahid Fazal, Tanvir Burni, Khan Sher, Lal Badshah, Asim Muhammad and AliHazrat	Bioscience Research / INNOVATIVE SCIENTIFIC INFORMATION & SERVICES NETWORK , INNOVATIVE SCIENTIFIC INFORMATION & SERVICES NETWORK, FAISALABAD PAKISTAN	1811-9506	National	The effects of arbuscular mycorrhizal (am) association on the nutritional values of Mentha Longifolia L. at various levels of rock phosphate amendments.	16(3): 2957-2970.	29/03/2020
2	Zeeshan Sharif, Asim Muhammad.	Bioscience Research / innovative scientific information & services network, innovative scientific information & services Network, Faisalabad, Pakistan,	1811-9506	National	Mitigating Climate Change Effects on Maize Production through Sowing Time Alteration and Hormonal Application. Bioscience Research.	16(3): 2957-2970	28/08/2019
3	Misbahullah, Shad. K. Asim.M.Afza Tabasum and Shah Fahad	Pakistan Journal of Agricultural/ Directorate of Scientific Information, NARC, Park Road, Chak Shahzad, Islamabad		National	Weed Density, Phenology, Tillers and Flag Leaf Area of Wheat Affected by Sorghum Extract Concentration in Combination with Her-bicides and Application Time.	31(2): 106-115.	15-01-2019

4	Asim. Muhammad. Shad Khan Khalil and Habib Ullah	Bioscience Research / innovative scientific information & services network, innovative scientific information & services Network, Faisalabad, Pakistan, 00000	1811-9506	National	Characteristics and reproductive growth potential of himalayan soybean land races under various sowing dates.	15(4): 3952-3966.	21/12/2018
5	Asim. M Abdul Basit, Misbahullah	Acta Ecologica Sinica / Science Press, 300 West Chesnut ST, Ephrata, USA, PA, 17522	1000-0933	Internatio nal	Effect of climatic zones and sowing dates on maize emergence and leaf parameters. Acta Ecologica Sinica., 39 (2019) 461e466	30: 461-466	15/11/2018
6	Asim Muhammad, Abdul Basit and Misbahullah	Bioscience Research / innovative scientific information & services network, innovative scientific information & services Network, Faisalabad, Pakistan, 00000	1811-9506	National	Improving maize yield by cultivars selection and sowing time alteration under changing climate.	15(3):2828 - 2839.	30/09/2018
7	Naseer Gul and Asim Muhammad.	Bioscience Research / innovative scientific information & services network, innovative scientific information & services Network, Faisalabad, Pakistan, 00000	1811-9506	National	Vigor and stand establishment of harvested wheat seeds affected by nitrogen fixing microbes with nitrogen ratios.	15(1): 23-29.	24/03/2018
8	Asim Muhammad, Muhammad Ishfaq, and Nisar Ahmad	ARPN journal of Agricultural and Biological Sciences / ASIAN RES PUBL NETWORK-ARPN, OFF 9, QADRI PLZ, NEW MAL, KURRI RD, OPPOSITE TO SHAZAD TOWN, ISLAMABAD, PAKISTAN, 45500	1990-6145	National	Morpho-physiological changes of jatropha curcas leaves cultivated in marginal land under rain fed condition. ARPN journal of agricultural and biological science vol. 13, no. 11: 124-132	13, 11,124-132	1/11/2018

9	Asim Muhammad, Muhammad Younis, Asad Ali Khan, Imran Ahmad	Bioscience Research / innovative scientific information & services network, innovative scientific information & services Network, Faisalabad, Pakistan, 00000	1811-9506	National	Management of sulphur and its application stages on canola phenology, maturity and biomass yield under Maize-Canola cropping system	14(1):84-94	23/03/2017
10	Naimat Ullah, Asim Muhammad, Habib Ullah Marwat, Hamayoon Khan and Muhammad Subhan	ARPN journal of Agricultural and Biological Sciences.	1990-6145	National	Vigor and viability of osmoprimed harvested seeds of wheat varieties.	12 (10): 12 -18	1/1/2017
11	Asim Muhammad, Inamullah, Hamayoon Khan, Muhammad Arif	Pure & Applied Biology Journal/ Department of Botany University Balochistan, Quetta	2304-2478	National	Germination and field emergence potential of soybean land races vs improved varieties under different sowing dates. Pure & Applied Biology Journal	6(1): 146-152	12/1/2017
12	Asif ur Rehman, Amir Z. Khan, Asim Muhammad, and Abdullah Jalal	BIOSCIENCE RESEARCH / INNOVATIVE SCIENTIFIC INFORMATION & SERVICES NETWORK , INNOVATIVE SCIENTIFIC INFORMATION & SERVICES NETWORK, FAISALABAD, PAKISTAN,	1811-9506	National	Performance of nitrogen fixing bacteria with increasing nitrogen ratios on growth, maturity and biomass of winter wheat varieties.	14(2): 114-121	15/04/2017
13	Amir Zaman Khan, Roohul Amin, Asim Muhammad and Habib Akabar.	Journal of Agricultural Studies, USA.	2166-0379	Internatio nal	Influence of Seed Hardening techniques on Vigor, Growth and Yield of wheat under Drought Conditions.	4(3):278-286.	31/08/2016
14	A. Muhammad, S. K. Khalil, Z. Shah and R. Amin.	Middle East Journal of Agriculture. U. A. E.	2077-4605	Internatio nal	Phenology, Yield and Nutrient Uptake Efficiency of Wheat as Affected by Organic and Inorganic Nitrogen Fertilizer alone and in Combination with Effective Microorganism	5(4): 435-441.	1/12/2016

15	Asim Muhammad.	Proceedings of the Pakistan Academy of Sciences: B. Life and environmental Sciences / 3 Constitution Avenue Sector G5/2,	2518-4261	National	Antioxidant-based Evaluation of Seed Extracts of Two Maize Varieties for Medicinal Purpose.	53 (4): 293â€“298.	1/10/2016
16	Mushraf Khan. Asim Muhammad.	American- Eurasian J. Agric. & Environ. Sci.,	1818-6769	International	Variability of Vigour and Viability of Various Varieties of Common Bean (*Phaesolus vulgaris* L.) Land Races	15 (5): 957-961	15/05/2015
17	Nisar Ahmad, Asim Muhammad, Iqbal Munir, Zamarud Shah and Abdul Basir.	American- Eurasian J. Agric. & Environ. Sci.,	1818-6769	International	Characterization of Rapeseed Germplasm for Various Quality Parameters.	15 (12): 2466-2472	15/12/2015
18	Muhammad Ilyas, Muhammad Sayyar Khan, AsimMuhammad Rameez Khan, Khalil Ahmad and Asim	J. Agric. Res/ Directorate of Agriculture Information, Agriculture Deptt Govt of Punjab	0368-1157	National	Response of different mutants of Arabidopsis thaliana under arsenic stress	53(3). 375-388	15/06/2015
19	Asim Muhammad, Sultan M. Wazir, Hidayat Ullah, Shaista Afridi	American-Eurasian J. Agric. & Environ. Sci.,	1818-6769	International	Effect of Selected Î³ - Irradiated Cotton Varieties on Fiber Quality During M2 Generation under Rainfed Condition.	15 (2): 191-196	1/2/2015
20	Asim Muhammad, sultan Mehmood wazir,Hidayat ullah, Rehman Ullah, Shaista Afridi	American-Eurasian J. Agric. & Environ. Sci., UAE	1818-6769	International	Performance of Selected Irradiated Cotton Varieties During M2 Generation.	15 (2): 154-160	15/02/2015
21	Anuar-ul- Haq, Asim Muhammad et al .	American-Eurasian J. Agric. & Environ. Sci., UAE	1818-6769	International	Microbiological hazard analysis and exposure assessment of street vended ready-to-eat foods in dhaka city, Bangladesh.	15 (9): 1725-1731,	15/09/2015

22	Hameeda Bibi, Muhammad Afzal, Asim Muhammad, Mustafa Kamal, Ihsan ullah, Sohail, Inayat Ur Rahman and Ali	Middle-East Journal of Scientific Research. International Digital Organization for Scientific Information UAE	1990-9233	International	Morphological and Anatomical Studies on Some Monocot Xerophytes of District Karak, Pakistan.	22 (6): 843-850.	22/06/2014
23	Hameeda BiBi,Muhammad Afzal, Asim Muhammad, Mustafa kamal, Sohail, Ihsan ullah and Waqar Khan.	American-Eurasian Journal of Agricultural & Environmental Sciences	1818-6769	International	Morphological and Anatomical Studies on Selected Dicot Xerophytes of District Karak, Pakistan.	14 (11): 1201-1212.	1/11/2014
24	Asim Muhammad, Shad Khan Khalil, Amir Zaman Khan, Habib Ullah, and M. Sayyar Khan	Sarhad Journal of Agriculture/ The University of Agriculture Peshawar	1016-4383	National	Growth analysis of soybean landraces under extended planting dates	3,3: 297-304	1/9/2014
25	Asim Muhammad and Shad Khan. Khalil	Pakistan Journal of Science / 1st Floor, Shadman Plaza Shadman Market Lahore	0030-9877	National	Comparative yield and yield components of land races and improved soybeans planted on different dates	65 (2) : 186-190	6/2/2013
26	Asim Muhammad and Shad Khan Khalil.	Asian Academic Research Journal of Multidisciplinary-Asian Academic Research Associates 62/53, NEW STREET GROUND FLOOR CHIDAMBARAM PIN - 608001	2319-2801	International	Effect of storage material, conditions and duration on Viability and moisture content of land races and improved Varieties of soybean planted on different dates.	1(12): 52-63	15/08/2013
27	Saad Ullah Khan, Rehman Ullah Khan, Sultan Mehmood, Asim Muhammad T.Z.Bokhari Aziz khan, Ihsan Ullah.	European academic research, International multidisciplinary research journal. Romania, European Union	2286-4822	International	Medicinally important underground fruit and leafy vegetables of frontier regions of Bannu, Khyber Pakhtunkhwa, Pakistan	1(7):1613-1623	1/7/2013

28	Muhammad A. R. S, Hidayatullah K, Samiullah K, Nawshad M, Fahim U. K, Shahnaz, Asim Muhammad, Yar	Cytotoxic, antioxidant and Phytotoxic effect of Solanum surathense burm F fruit extracts.	2349-8234	International	Cytotoxic, antioxidant and Phytotoxic effect of Solanum surathense burm F fruit extracts.	28(2):1154-1158	20/06/2013
29	Syed Adil Shah, Aurang Zeb, Tariq Masood, Nadia Noreen , Sayed Jaffar Abbas,Muhammad Samiullah, Md. Abdul Alim,	African Journal of Agricultural Research/ Academic Journals-Nigeria	1991-637X	International	Effects of sprouting time on biochemical and nutritional qualities of Mungbean varieties.	6(22): 5091-5098	12/10/2011
30	Faran Durrani, Muhammad Subhan, Sultan Mehmood, Saira Abbas, Asim Muhammad and Fayyaz Chaudhary	Sarhad Journal of Agriculture/ The University of Agriculture Peshawar	1016-4383	National	Stimulatory Effect of NAA (Naphthalene acetic acid) and BAP (Benzyl aminopurine)on Flowers, Seeds, Chlorophyll and Protein-Content in Spinach (Spinacia oleracea L.).	26(4): 33-36	20/12/2010
31	Asim Muhammad, Mohammad Akmal Khan, Sultan Mehmood Wazir and Shah Faisal Mohammad	ARPN Journal of Agricultural and Biological Science-Asian Research Publishing Network (ARPN) Qadri Plaza, Office No. 09, New Mal Kuri Road, Chak Shahzad	1990-6145	National	Characterization and fodder production potential of local cowpea germplasm.	5(6):47-49	21/05/2010
32	Asim Muhammad, A. Khan and R. Amin	Sarhad Journal of Agriculture/ The University of Agriculture Peshawar	1016-4383	National	Effect of Seeding Depths on yield of Two Wheat Cultivars.	20(2): 179-182	15/06/2004
33	Asim Muhammad, Paigham Shah, Mir Hatam and Tariq Jan	Journal of Agronomy-Asian Network for scientific information, Faisal-abad, Pakistan	1680-8207	National	Comparative growth and vegetative development of landraces and improved varieties of soybean	2(4): 214-216	15/11/2003
34	Asim Muhammad and Paigham Shah	Sarhad Journal of Agriculture/ The University of Agriculture Peshawar	1016-4383	National	Comparative yield and yield components of land races and improved varieties of soybean	19(4): 459-461	15/11/2003

35	Asim. M and Asslam Khan	Journal of Agronomy-Asian Network for scientific information, Faisal-abad, Pakistan	1680-8207	National	Effect of Hall Tonic on irrigated wheat yield.	2(1): 28-33	15/04/2003
36	Asim. M. P. Shah, M. Hatam and T. Jan.	Sarhad Journal of Agriculture/ The University of Agriculture Peshawar	1016-4383	National	Comparative seasonal nodulation efficiency of landraces and improved varieties of soybean cultivars	19(4): 443-445	15/11/2003

List of* Y *category publications

S.#	Names of author (s)	Journal (Name & Adress)	ISSN (Print) #	National / International	Title of paper/ Presentation	Vol.issue. pages	Date
1	Islam Zeb, Masood Ahmad, Faiza Aman, Asim Muhammad, Farzana Fatima, Habibullah Khan, Muhammad	BIOSCIENCE RESEARCH / INNOVATIVE SCIENTIFIC INFORMATION & SERVICES NETWORK ,	1811-9506	National	heavy metal analyses of ready to eat leafy vegetables collected from different areas of district swat.	19(1): 322-328.	23/02/2022
2	Sarmad Iqbal, Asim M and Kabir Khan.	BIOSCIENCE RESEARCH / INNOVATIVE SCIENTIFIC INFORMATION & SERVICES NETWORK ,	1811-9506	National	Response of Chickpea (Cicer arietinum L.) to Different Molbydenum and Boron Levels. Bioscience Research.	18(1): 566-573.	2/3/2021
3	Khan Sher, Ali Hazrat, Muhammad Nisar and Asim Muhammad.	Pak. J. Weed Sci. Res./ The university of Agriculture Peshawar	1815-1094	National	Effects of the root bark extract of Monotheca buxifolia (FALC.) A. DC on antioxidant potential and seral properties of rabbit (Oryctolagus	24(4): 429-438.	1/12/2018

4	Muhammad Faheem Jan, Asad Ali Khan, Asim. M	Pak. J. Weed Sci. Res./ The university of Agriculture Peshawar	1815-1094	National	Response of maize hybrids and associated weeds to integrated potassium application	24(4): 399-408	1/12/2018
5	Shah Faisal Mohammad, Fawad Ali, Mueed Ur Rahman and Asim Muhammad	Journal of Proteomics and Bioinformatics, USA	09742 76X	Internation al	Normal mode analysis of thermophilic cellulase FNCEL5A using elastic network models. J Proteomics Bioinform	11: 111 - 109.	1/1/2018
6	Tariq Shah, Amir Zaman Khan, Asif ur Rehman, H. Akbar,Asim Muhammad, S.K. Khalil	Research in Agricutural & Vet. Sci. Azerbaijan	2520-6737	Internation al	Influence of Pre-sowing seed treatments on germination properties and seedling vigour of wheat.	1(1):62-70.	20/02/2017
7	Irum Noreen, Arshad Iqbal, Fazl-e-Rabbi, Asim Muhammad, Zamarud Shah and Zia Ur Rahman.	Pak. J. Weed Sci. Res./ The university of Agriculture Peshawar	1815-1094	National	Antimicrobial activity of different solvents extracted samples of a weed Acacia Cyanophylla.	23(1): 79-90	20/01/2017
8	A.Z. KHAN, T. SHAH, S. KHAN, A. REHMAN, H. AKBAR,Asim MUHAMMAD, S.K. KHALIL	**Cercetari agronomice in Moldova**	0379-5837	Internation al	Influence of seed invigoration techniques on germination and seedling vigor of maize (ZEA MAYS L.).	L, 3 (171): 61-70	1/1/2017
9	Shazma Anwar, Muhammad Faraz, Said Munir, Muhammad Islam and Asim Muhammad.	International Journal of Agricultural and Environamental Research	2414-8245, 2518-6116	National	The effects of phosphorus management on yield and yield components of wheat varieties.	3(4): 427 â€“ 432.	20/09/2017

10	Amir Zaman Khan, Imran, Asim Muhammad, Aiman Khalil, Hasina Gul, Habib Akbar and Said Wahab	Pure & Applied Biology Journal/ Department of Botany University Balochistan, Quetta	2304-2478	National	Impact of fertilizer priming on seed germination behavior and vigor of maize	5(4): 744-751	8/8/2016
11	Asim Muhammad, Shad Khan Khalil, Amir Zaman Khan and Nisar Ahmad.	Pure & Applied Biology Journal/ Department of Botany University Balochistan, Quetta	2304-2478	National	Response of soybean varieties to maturity and biomass production under various planting dates.	5 (3): 418-425	28/05/2016
12	Amir Zaman Khan, Imran, Asim Muhammad, Aiman Khalil, Hasina Gul, Habib Akbar and Said Wahab	Pure & Applied Biology Journal/ Department of Botany University Balochistan, Quetta	2304-2478	National	Impact of fertilizer priming on seed germination behavior and vigor of maize	5(4): 744-751	8/8/2016
13	Amir zaman, M. Afzal, Asim Muhammad, Habib Akbar, Shad K. K, said wahab and Noor	Pure & Applied Biology Journal/ Department of Botany University Balochistan, Quetta	2304-2478	National	Influence of slow release urea fertilizer on growth, yield and N uptake on Maize under calcarious soil condition	4 (1): 70-79	1/1/2015
14	Asim Muhammad, Sobia Rauf, Kalsoom Naz, Irum Ahmad,	Asian Journal of Natural & Applied Sciences Chikusei, Japan.	2186-8476	International	Induced Genetic Variability in Selected Î³-Radiated Cotton Varieties during Second Year Ratooning Under Rain Fed Environment. Asian Journal of Natural	4(1): 70-81.	1/1/2015
15	Amanullah, Siddique Khan and Asim Muhammad.	J Microb Biochem Technol, USA.	1948-5948	International	Beneficial Microbes and Phosphorus Management Influence Dry Matter Partitioning and Accumulation in Wheat (Triticum aestivum L.) With and Without Moisture.	7 (6): 40-416.	1/6/2015

16	Saad Ullah Khan, Adeela Haroon, Asim Muhammad,	Pak. Journal of Botany / Pakistan Botanical Soc, Dept Of Botany Univ Karachi, Karachi, Pakistan, 32	0556-3321	National	Ethnomedicinal plants used by local inhabitants in the prevention of gastrointestinal problems in low hilly areas of F.R. Bannu,	22(4): 617-625.	1/12/2015
17	Hamid Ullah and Asim Muhammad. 2014.	South Asian Journal of Life Sciences-Nexus Academic Publisher UK	2311-0589	International	Estimation of Induced Variability of Yield Contributing Traits in M1 gamma Irradiated Germplasm of Okra (Abulmoschus Esculentus L.).	2 (1): 4 â€“ 7.	1/1/2014
18	Saleem Khan, Muhammad Irfaq Khan, Asim Muhammad, Farhadullah Khan, Rahmat Ali Khan.	International Journal of Advanced Research	2319-7064	International	Gamma rays induced variations in some cotton (Gossypium hirsutum L.) genotypes and their evaluation in the environment of Bannu	2, (10), 512-518	15/10/2014
19	Rehman Ullah Khan, Sultan Mehmood, Saad Ullah Khan, Asim Muhammad and Zahid Hussain	Pak. J. Weed Sci. Res./ The university of Agriculture Peshawar	1815-1094	National	Camparative study of weed species recorded in different field crops of bannu, khyber pakhtunkhwa, Pakistan.	20(4): 489-504.	1/12/2014
20	Mushraf, Asim Muhammad, Shah Faisal Mohammad and Saddullah Khan	E-Journal of Biological Sciences and Science Publications Level 20, 48 Burj Gate Tower, Sheikh Zayed	2352-6335	National	Response of maize yield and yield components to different hy 70. hydro-priming durations in rain-fed region of Bannu	6(1): 12-16.	1/1/2013
21	Asim Muhammad and Shad Khan Khalil	Asian journal of natural and applied sciences. Oyama, Japan.	2186-8476	International	A Changes in soybean seed quality and vigour under different planting dates	2 (3): 1-10.	15/09/2013
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