KIU FACULTY RESEARCH ARTICALES 1/01/2023-03/6/2024

Department Name	Title of Research Article	Name of Authors	Category of Papers W,X,Y	Date of Publication	Weblink of Article
	On the construction of some bioconjugate networks and their structural modeling via irregularity topological indices .	Asad Ullah*, Shahid Zaman, Anila Hamraz, Muniba Muzammal.	w	21 Aug2023)	https://doi.org/10.1140/epje/s10189-023-00333-3
	Derivation of mathematical closed form expressions for certain irregular topological indices of 2D nanotubes.	Asad Ullah*, Shahid Zaman, Arshad Hussain, Asma Jabeen & Melaku Berhe Belay.	w	11/7/2023)	https://doi.org/10.1038/s41598-023-38386-1.
	Computational aspects of two important biochemical networks with respect to some novel molecular descriptors .	Asad Ullah*, Zohra Bano, Shahid Zaman.	w	31/3/2023	https://doi.org/10.1080/07391102.2023.2195944
	Zagreb Connection topological descriptors and structural property of the Triangular Chain Structures .	Asad Ullah*, Shamsudin, Shahid Zaman, Anila Hamraz.	w	Aug-23	https://doi.org/10.1088/1402-4896/acb327
	Mathematical analysis and molecular descriptors of two novel metal-organic models with chemical applications.	Shahid Zaman, Mehwish Jalani, Asad Ullah, Wakeel Ahmad and Ghulamullah Saeedi.	w	31/3/2023	https://doi.org/10.1038/s41598-023-32347-4
	Kemeny's constant and global mean first passage time of random walks on octagonal cell network .	Shahid Zaman and Asad Ullah*.	w	5/9/2023	https://doi.org/10.1002/mma.9046
	Computation of some important degree-based topological indices for γ-graphyne and Zigzag graphyne nanoribbon .	Abdul Hakeem, <mark>Asad Ullah,</mark> Shahid Zaman	w	12/5/2023	https://doi.org/10.1080/00268976.2023.2211403.
	The Number of Spanning Trees in a K $_{\rm S}$ chain graph .	Zunaira Kosar, Shahid Zaman, Wajid Ali, Asad Ullah.	x	23-Nov-23	https://doi.org/10.1088/1402-4896/ad07b9.
	Mubashir Ali, Tayyba Shahzadi. On the topological descriptors and structural analysis of Cerium Oxide nanostructures .	Shahid Zaman, Mehwish Jalani, Asad Ullah*, Mubashir Ali,	w	1-Nov-23	[1] https://doi.org/10.1007/s11696-023-02675- w_(SCIE_I.F: 2.146)
	analysis of some novel drugs used in blood cancer treatment via degree based topological indices and regression models	Shahid Zaman, H. S. Arbab Yaqoob, <mark>Asad Ullah*</mark> & Mariam Sheikh. <i>QSPR</i>	w	4-Jun-23	http://dx.doi.org/10.1080/10406638.2023.2217990
	Matrix analysis of hexagonal model and its applications in global mean-first-passage time of random walks.	Xiaodong Yu, Shahid Zaman, Asad Ullah, Ghulamullah Saeedi, Xiujun Zhang	w	30-Jan-23	https://doi.org/10.1109/ACCESS.2023.3240468

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Three dimensional structural modeling and characterization of sodalite material network concerning the irregularity topological indices .	Shahid Zaman, Muhammad Salman, Asad Uliah, Shahzad Ahmad, Mohammed Salaheldeen Abdelgader Abas.	х	24-May-23	https://doi.org/10.1155/2023/5441426
Structural modeling and topological characterization of three kinds of dendrimer networks .	hid Zaman, <mark>Asad Ullah*</mark> , Afia Shafa	w	28-May-23	https://doi.org/10.1140/epje/s10189-023-00297-4
Similarity measures of Pythagorean fuzzy sets based on Lp metric and its applications to multicriteria decision- making with Pythagorean VIKOR and clustering	Zahid Hussain kiu,Hafeeza afzal,Rashid Hussain kiu	w	Sep-23	https://link.springer.com/article/10.1007/s40314-023- 02420-9
Similarity measures Between Pythagorean fuzzy sets based on Lower,upper and Middle fuzzy sets with applications to pattern recognation and multicriteria decision making with PF-TODIM	Zahid Hussain, Farida Khanum, Shams Ur Rahman, Rashid Hussain*	w	Jan/Feb2023	https://web.p.ebscohost.com/
Belef and plausibility measures on pythagorean fuzzy sets and its applications with BPI-VIKOR	Zahid Hussain,Saher abbas Rashid Hussain,Razia Sharief	w	2023	https://scholar.google.com.pk/
convective chemically reactive flow of micropolar nanomaterial with activation energy and gyrotactic microorganisms	Shahid Hussain a, Fazal Haq b, Hassan Ali Ghazwani c, Muzher Saleem b , Arshad Hussain d	w	Mar-24	https://doi.org/10.1016/j.csite.2024.104131
Mixed convection and activation energy impacts on MHD bioconvective flow of nanofluid with irreversibility assessment	Mujeeb ur Rahman a, Fazal Haq a, Pomp ei C. Darab b, Mohammed Sallah c d, Shaimaa A.M. Abdelmohsen e, Bandar M. Fadhl f, Basim M. Makhdoum f	х	2023	https://www.sciencedirect.com/science/a rticle/pii/S2405844023036976
Entropy optimized chemical reactive flow of nanofluid_ subjected to a stretchable cylinder	Faris Alzahrani, Sohail A. Khan, Mujeeb ur Rahman, and M. Ijaz Khan	Y	Mar-24	https://www.worldscientific.com/doi/abs/10.1142/S0217 979224501261
Mixed convection and activation energy impacts on MHD bioconvective flow of nanofluid with irreversibility assessment	Mujeeb ur Rahman a, Fazal Haq a, Pomp ei C. Darab b, Mohammed Sallah c d, Shaimaa A.M. Abdelmohsen e, Bandar M. Fadhl f, Basim M. Makhdoum f	w	Jul-05	https://www.sciencedirect.com/science/article/pii/S2405 844023036976
Entropy optimized chemical reactive flow of nanofluid_subjected to a stretchable cylinder	Faris Alzahrani, Sohail A. Khan, Mujeeb ur Rahman, and M. Ijaz Khan	Y	2023	https://www.worldscientific.com/doi/abs/10.1142/S02 17979224501261
Comparison of Approximate Analytical and Numerical Solutions of the Allen Cahn Equation	Safdar Hussain,1Fazal Haq,1Abdullah Shah,2,3Dilsora Abduvalieva,4and Ali	w	23-Mar-24	https://www.hindawi.com/journals/ijde/2024/8835138/
Computational analysis of revised fourier and Ficks Law to investigate features of chemically reactive flow of nanofloid with microorganisms and activation energy	Fazal Haq, Mujeeburrehman	x	Jan-24	https://www.researchgate.net/
Mathematical modling and theoratical analysis of Bioconvective Magnetized sutterby nanofluid flow over rotating disk with activation energy	Fazal Haq, Mujeeburrehman	х	Aug-23	https://www.researchgate.net/

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	Significance interfacial nanolayer and mixed convection in radiative casson hybrid nanofluid flow by permeable rotating cone	<u>Fazal Haq</u>	X	Sep-23	https://www.researchgate.net/
	Darcy-forchheimer flow of prandtl nanofluid with irreversibility anlsysis and cubic autocatalytic chemical reaction	<u>Fazal Haq,</u> <u>Mujeeburrehman</u>	x	2-Oct-23	https://link.springer.com/
	Numarical Study on mixed convection heat transfer of copperwater nanofluid in a pourse cavity with an isothermal solid block in local thermal nonequilibrium	Fazal Haq,	х	Jan-24	https://www.researchgate.net/
	Numerical assessment of irreversibility in radiated Sutterby nanofluid flow with activation energy and Darcy Forchheimer	Mujeeb ur Rahman a, Fazal Haq	w	3-Nov-23	https://www.nature.com/articles/s41598-023-46439-8
	Impact of wall velosity ratios on mixed convection heat transfer in porous cavities with nanoliquids	M. Rajarathinam, Fazal Haq	w	28 February 2024	https://link.springer.com/
	New Divergence Model in Intuitionistic Fuzzy Sets for Decision Making,	Shams Ur Rahman, Zahid Hussain, Riasat Ali, Rashid Hussain,	x	2023	https://www.xisdxixsu.asia/viewarticle.ph p?aid=2317
	Mathematical modling and theoratical analysis of Bioconvective Magnetized sutterby nanofluid flow over rotating disk with activation energy	Mujeeb ur Rahman a, Fazal Haq	х	Aug-23	https://www.researchgate.net/
	Hausdorff Distance and Similarity Measures for Single- Valued Neutrosophic Sets with Application in Multi- Criteria Decision Making	Mehboob Ali,Zahid hussain,and miin shen Yang	w	2023	https://doi.org/10.3390/electronics12010201
	The contribution of resource-based taxation, green innovation, and minerals trade toward ecological sustainability in resource-rich economies	Shah Abbas a,b , Deyi Xu a,* , Gong Yuna a , Jamal Hussain c	w	2024	www.elsevier.com/locate/resourpol
	Analysis of Entropy Generation on Magnetohydrodynamic Flow with Mixed Convection through Porous Media,	Munawwar Ali Abbas, Bashir Ahmed , Li Chen , Shamas ur Rehman	х	2024	
	New Divergence Model in Intuitionistic Fuzzy Sets for Decision Making,	Shams Ur Rahman, Zahid Hussain, Riasat Ali, Rashid Hussain,	х	2023	https://www.xisdxjxsu.asia/viewarticle.ph p?aid=2317
Economics	Unlocking Sustainable Futures: Exploring Multidimensional Poverty in Belt & Road Initiative Countries Through Forest Plantation Perspectives	Rizwan Akhtar, Jamal Hussain,	w	2024	www.tandfonline.com/journals/wpov20
	Public perceptions of air pollution and its impacts on fertility desire: a nationwide study in China	Rizwan Akhtar, Jamal Hussain,	x	11-Dec-23	https://doi.org/10.1007/s00484-023- 02603-3
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Green economic growth and environment: unveiling the role of environmental policy and cleaner energy in G-7 countries	Yexing Yin1 · Jamal Hussain2,3 ·	w	7-Mar-24	https://doi.org/10.1007/s10098-024- 02824-z
Infuence of Military Expenditures, Industrial Growth, and Financial Development on Economic Growth, and Environment in Heterogeneous Political Regimes in Pakistan	Faqeer Muhammad, Anwar Khan, Jamal Hussain, Tasawar Baig, Saadia Baig	w	Mar-23	https://scholar.google.com/
Silk Route Revisited: Essays and Perspectives on the China-Pakistan Economic Corridor and Beyond	Fageer muhammad	х	2023	https://www.researchgate.net/
Proposing a sustainable investment index for measuring economic	Jamal Hussain, Zhou Kui Anwar Khan , Rizwan Akhtar , Rashid Ali , Yexing Yin.	W	2023	https://www.sciencedirect.com/
Return migration and re-integration challenges in high mountain regions in Pakistan.	Gulfam Ali, Rizwan Akhtar , Amjad Ali	w	17th july 2023	
Unveiling High Mountain Communities' Perception of Climate Change Impact on Lives and Livelihoods in Gilgit-Baltistan: Evidence from People-Centric Approach.	Amjad Ali, Rizwan Akhtar & Jamal Hussain	W	27th June 2023	https://www.tandfonline.com/doi/full/10.1080/175240 32.2023.2229044
Public perceptions of air pollution and its impacts on fertility desire: a nationwide study in China	He, Xing Bang, Kui Zhou, Jamal Hussain, and Rizwan Akhtar	W	21-Dec-23	https://link.springer.com/article/10:1007/s00484-023-02603-3
Economic Performance of Forest Plantations in Asian Countries	Lubna Ali, Rizwan Akhtar, Jamal Hussain, Ghazala Khan, Sameena Mumtaz, Naila Akhtar, Rashid Ali & Chenlu Tao	W	6th April 2023	https://link.springer.com/article/10.1007/s13132-023- 01240-w
Public perceptions of air pollution and its impacts on fertility desire: a nationwide study in China	He, Xing Bang, Kui Zhou, Jamal Hussain, and Rizwan Akhtar	W	21-Dec-23	https://link.springer.com/article/10.1007/s00484- 023-02603-3
Unlocking Sustainable futures:Exploring Multidimentional Poverty in belt & Road initiative countries through forest plantation praspective	Rizwan athter Jamal Hussain ,	х	21-Apr-24	https://www.tandfonline.com/doi/full/10.1080/10 875549.2024.2338146
Assaying ramifications of climate change over productivity growth in developing countries	Kifayat Ullah	w	23-Feb-24	https://mail.google.com/mail/u/0/#inbox?projecto r=1
Proposing a sustainable investment index for measuring economic performance and sustainabiliity: Astep toward clean and affordable energy	Jamal HussainRizwan athter	W	6-Dec-23	https://www.sciencedirect.com/science/article/abs /pii/S221313882300557X
Toward low-carbon emissions and green growth for sustainable development in emerging economies: Do green green trade openness, eco-innovation, and carbon price matter?	Kifayat Ullah	x	21-Jul-23	https://mail.google.com/mail/u/0/#inbox ?projector=1

	Agricultural productivity-environmental sustainability nexus through the lence of digitalization and energy entisity in BRICS countries	Jamal Hussain,	W	Nov 2023	https://onlinelibrary.wiley.com/doi/abs/10.1111/ro de.13045
	Green economic growth and environment unvilling the role of environmental policy and cleaner energy in G-7 economics	Yexing yin, Jamal hussain	W	3-Apr-24	https://link.springer.com/article/10.1007/ s10098-024-02824-z
	Infuence of Military Expenditures, industrial Growth, and Financial Development on Economic Growth, and Environment in Heterogeneous Political Regimes in Pakistan	Faqeer Muhammad, Anwar Khan, Jamal Hussain, Tasawar Baig, Saadia Baig	w	23-Mar	https://scholar.google.com/
	Silk Route Revisited: Essays and Perspectives on the China-Pakistan Economic Corridor and Beyond	Faqeer muhammad	Y	2023	https://www.researchgate.net/
	Impact of Abusive Supervision on Job Performance in Education Sector of Pakistan: Moderated Mediation of Emotional Intelligence and Workplace Ostracism	S Anjum, I Ahmad, M Ullah	w	2023	https://journals.sagepub.com/doi/abs/10.1177/097 21509231169360
I.R Department	Strategic Dynamics of the Arms Race in South Asia	lftikhar Ali and Jatswan S. Sidhu	W	1-Jan-23	https://doi.org/10.1177/00219096231153150
	The Perils of Non-State Actors in Pakistan: Assessing the Risks of Nuclear Safety and Security	lftikhar Ali and Muhammad Sadiq	Y	2023	https://doi.org/10.7290/ijns082376
	Book Review of "Nuclear Weapons Free Zones: A Comparative Perspective	lftikhar Ali	Y	2-Feb-23	https://doi.org/10.7290/ijns088196.
	Unveiling High Mountain Communities' Perception of Climate Change Impact on Lives and Livelihoods in Gilgit-Baltistan: Evidence from People-Centric Approach	Amjad Ali a Department of Development Studies,	x	27-Jun-23	https://www.tandfonline.com/doi/abs/10.1080/175240 32.2023.2229044
	PRESENT GLOBAL POLITICAL RE-ALIGNMENT AND POSITIONING PAKISTAN IN IT: THE WAY FORWARD	Khurshid Ali Singay and Abrar Hussain	Y	<u>2023</u>	https://doi.org/10.7290/ijns088196
Department of Food Technology	Impact of Abusive Supervision on Job Performance in Education Sector of Pakistan: Moderated Mediation of Emotional Intelligence and Workplace Ostracism	Hussain, A., Zhao, K. D., Rehman, H. U., Sadiq, I., Baig, S. S., Ullah, I	w	2024	https://doi.org/10.1016/j.jseaes.2024.106 053
	Improving water resistance property of starch straw by synergistic effects of chemical crosslinking, physical barrier, and surface modifications	Mao Yang Jun Fu Mahafooj Alee, Qingfei Duan, Huifang Xie, Amjad Ali, Hongsheng Liu, Ling Chen, Long Yu	W	2023	https://doi.org/10.1002/app.54210
	Starch-based environment friendly, edible and antimicrobial films reinforced with medicinal plants	S, Wali A, Goksen G, Muhammad	w	2023	https://doi.org/10.3389/fnut.2022.1066337

Assessment of Genetic Variability and Evolutionary Relationships of <i>Rhizoctonia solani</i> Inherent in Legume Crops.	Abbas, A Ali, Amjad; Hussain, A; Alrefaei, AF; Naqvi, SAH; Rao, MJ; Mubeen, I; Farooq, T; Ölmez, F; Baloch, FS.	w	2023	DOI 10.3390/plants12132515
Ocean-atmosphere circulation coherences associated with temperature increase in Pakistan.	Azfar Hussain, Ishtiaq Hussain, Shaukat Ali, Waheed Ullah4, Abolfazl Rezaei, Safi Ullah,Haider Abbas, Asima Manzoom, Jinxing Zhou, and Jianhua Cao.	w	24 August 2023	DOI:10.1088/1748-9326/acee99
Dansyl based selective fluorescence sensor for Hg in aqueous environment: an experimental and computational studies Physikalische Chemie.	Qureshi, N., Ali, M., Shah, S., Hussain, M., Hassan, M., Khan, H., Ibrahim, S., Iqbal,M., Nazir, A. & Younas, U.	x	July 24 2023	https://doi.org/10.1515/zpch-2022-0172
Contamination and Human Health Risk Assessment of Toxic Trace Elements in Drinking Water of Gilgit- Baltistan, Pakistan. Pertanika Journal of Science & Eamp; Technology,	Hussain, S. J., Ali, S., Hussain, J., Ali, S., Hussain, J., Hussain, M., & Hussain, I.	Y	2023	DOI: https://doi.org/10.47836/pjst.31.1.12
Effect of different priming agents on germination of purslane (Portulaca oleracea I.) Seeds under laboratory conditions.	Wasim A, Azhar Hussain, Ishrat R and Muhammad M.	x	2023	https://www.researchgate.net/
Starch-based environment-friendly, edible and antimicrobial films reinforced with medicinal plants.	Ali A, Basit A, Azhar Hussain, Sammi S, Wali A, Goksen G, Muhammad A, Faiz F, Trif M, Rusu A and Manzoor MF	w	10-Jan-23	https://www.frontiersin.org/articles/10.3389/fnut.20 22.1066337/full
Assessment of Spatial Variability and Mapping of Apricot Fruit Fly Infestation using Geographic Information System. International Journal of Agriculture & Diology	Azhar H, Wasim A, Abid H and Muhammad M.	у	28-May-23	https://www.fspublishers.org/
Geostatistical analysis for the spatial distribution of anemia (Hb level) among women of reproductive age and determinant factors.	Abbas, G., Azhar H, Hussain, A., Ahmed, Z., Abbas, Y., & Nemat, A.	w	11-Jun-23	https://onlinelibrary.wiley.com/doi/full/10.1002/fsn 3.3408
Mineral Evaluation of Fodder Tree Leaves And Shrubs Consumed By Livestock In The Mountain Region Of Pakistan.	Ishrat Roomi, Azhar Hussain, Sher Wali Khan, Maisoor Ahmad Nafees, Arif Un Nisa Naqvi and Wasim Akram.	у	2023	https://pakbs.org/pjbot/paper_details.php?id=952 2
Assessment of Genetic Variability and Evolutionary Relationships of <i>Rhizoctonia solani</i> Inherent in Legume Crops	Abbas A, Ali A, Hussain A, Ali A, Alrefaei AF, Naqvi SAH, Rao MJ, Mubeen I, Farooq T,	w	30-Jun-23	https://www.mdpi.com/2223-7747/12/13/2515
Plant diseases and pests, growing threats to food security of Gligit-Baltistan,	Abbas, A., M. Mubeen, W. Younus, Q. Shakeel, Y. Iftikhar, S. Bashir, M.A. Zeshan and A. Hussain.	у	29-May-23	https://www.researchgate.net/p
Spatial distribution and risk associated with shot hole disease in apricot (<i>Prunus armeniaca</i> L.) in Northern Pakistan	Azher Hussain: Department of Agriculture and Food Technology, Karakoram International the University Gilgit, Gilgit-Baltistan, Pakistan	w	21-Apr-23	https://doi.org/10.1080/03235408.2023.2203330
Green and eco-friendly treatment of textile wastewater by using Azadirachta indica leaf extract combined with silver nitrate solution	Irshad, M.A., Humayoun, M.A., Al- Hussain, S.A., Nawaz, R., Arshad, M., Irfan, A., Zaki, M.E.A.	W		https://www.mdpi.com/2071- 1050/15/1/81

	Geostatistical analysis for spatial distribution of anemia (Hb level) among women of reproductive age and determinant factors	Ghulam Abbas, Azhar Hussain, Abid Hussain, Zahoor Ahmed, Yasir Abbas, Arash Nemat	x	11/7/2023	https://onlinelibrary.wiley.com/doi/full/10.1002/fsn3.34 08
	PREVALENCE AND CHARACTERISTICS OF CHERRY SHOT-HOLE DISEASE IN GILGIT-BALTISTAN	Riaz Ahmad, Aqleem Abbas, Abdul Razaq, Iqbal Hussain, <mark>Mir M.N. Qayyum</mark> , Samreen Alam, Inza Batool, Suha Sakina	Y	2023	https://pakps.com/pjp/index.php/PJP/article/view/934
Department of I	Empirical Evaluation of RMR, GSI, and Q for Underground Excavations, .	Abbas, N., Li, KG., Emad, M.Z. et al. Empirical Evaluation of RMR, GSI, and Q for Underground Excavations. Iran J Sci Technol Trans Civ Eng (2023).	w	2023	https://doi.org/10.1007/s40996-023-01275-8
	Predictive Models for Uniaxial Compressive Strength of Dry and Saturated Marble: An Empirical Approac,.	Abbas, N., Shah, K. S., Qureshi, J. A., Khan, H., Hussain, J., & Ali, A.	x	2023	https://openurl.ebsco.com/E
	Predictive Models for Uniaxial Compressive Strength of Dry and Saturated Marble: An Empirical Approach	1 2 3 3 Naeem Abbas , Kausar Sultan Shah* , Javed Akhter Qureshi , Hawas Khan , Jibran 3 3 Hussain and Amjad Ali	w	No. 4, 2023	https://www.kiu.edu.pk/profile/0Rv
	Characteristics, provenance, ore genesis and exploration of the Shimshal Valley placer gold deposits in the Karakoram Block, North Pakistan	Masroor alam 3/20/2024epartment of Earth Sciences, Karakoram International University, 15100 Gilgit, Gilgit Baltistan, Pakistan	w	Feb-23	https://www.sciencedirect.com/science/article/abs/pii/ S0375674222001868
	Enhanced Geotechnical Methods for Evaluating Slope Stability in Unconsolidated Strata: A Comprehensive Analysis.	Abbas N, Khan I, Afayou A, Khan A, alam n.	W	2024	https://jme.shahroodut.ac.ir/article_3040.html
Department of Earth Sciences	Climatic and topographic controls on glacial changes (1973–2020) in Shigar Basin, Central Karakoram, Northern Pakistan. Environmental Science and Pollution Research	Ali, S., Khan, G., Qureshi, J. A., Hassan, M., Kheirandish, S	w	2023	https://doi.org/10.1029/2022WR032171
	SBAS-InSAR based validated landslide susceptibility mapping along the Karakoram Highway: a case study of Gilgit-Baltistan, Pakistan.	Kulsoom, I., Hua, W., Hussain, S., Chen, Q., Khan, G., & Shihao, D	w	2023	Scientific Reports volume 13, Article number: 3344 (2023)
		Lund, J., Forster, R. R., Jameel, Y., Rupper, S. B., Deeb, E. J., Dars, G. H., Zaheer, A., Masood, A., Ghafoor, A., Khan G., & Burian, S. J.	w	2023	https://doi.org/10.1029/2022WR032171
	Characteristics, provenance, ore genesis and exploration of the Shimshal Valley placer gold deposits in the Karakoram Block, North Pakistan, Journal of Geochemical Exploration	Masroor Alam, Sheng-Rong Li, M, Santosh, Tehseen Zafar, Zahid Hussain, Maowen Yuan, Hawas Khan	w	2023	https://doi.org/10.3389/feart.2023.1109206
	Geochemistry and geochronology of basic igneous rocks in Bairin Right banner, southeastern inner Mongolia, China: Implications for the final closure of the Paleo—Asian Ocean along the Xar Moron suture zone. Frontiers in Earth Sciences	Wenpeng Yang, Chenglu Li1,* Masroor Alam, Anzong Fu, Bo Zheng, Yuanjiang Yang1, Xiaofang Hu	w	2023	https://csc.kiu.edu.pk/wp- content/uploads/2023/07/Chpater-15.pdf
	An Anisotropic Failure Criterion for Jointed Rocks Under Triaxial Stress Conditions, Qin, Q., Li, K., Li, Naeem, A M. et al.	, Qin, Q., Li, K., Li, Naeem, A M. et al.	×	2024	https://doi.org/10.1007/s00603-023-03684-7

	Direct radiometric dating of bitumen using Sm-Nd isotopes. AAPG Bulletin	Masroor Alam	w	1-Nov-23	https://pubs.geoscienceworld.org/
	Multistage ore formation in the world's largest REE-Nb-Fe deposit of Bayan Obo, North China Craton: New insights and implications	Wang, J., Li, L., Santosh, M., Yan, G.Y., Shen, J.F., Yuan, M.W., Alam, M. and Li, S.R	w	January 2024,	https://www.sciencedirect.com/science/article/pii/S01 69136823005334
	Fluid provenance and genetic type of the Bubin Cu-Pb polymetallic deposit, Kohistan-Ladakh island arc, north Pakistan: Evidence from mineralogy, fluid inclusion and OHS-Pb isotopes	Hussain, Z., Zhang, C. L., Sargazi, M., Song, Z. H., Farhan, M., Alam, M., & Zafar, T	w	2023	https://www.sciencedirect.com/science/article/pii/S01 69136823004924
	SBAS-InSAR based validated landslide susceptibility mapping along the Karakoram Highway: a case study of Gilgit-Baltistan, Pakistan	I Kulsoom, W Hua, S Hussain, Q Chen, G Khan	w	27-Feb-23	https://www.nature.com/articles/s41598-023-30009-z
	Correlations between cathodoluminescence intensity and aluminum concentration in low-temperature hydrothermal quartz.	4.Yuan, M. W., Li, L., Alam, M., Santosh, M., Li, S. R., & Hou, Z. Q.	x	12/12/2023	https://www.sciencedirect.com/science/article/pii/S01 69136823004924
	Geochemistry and geochronologyof basic igneous rocks in Bairin Right banner, southeastern inner Mongolia, China: Implications for the final closure of the Paleo—Asian Ocean along the Xar Moron suture zone	Fu, Bo Zheng, Yuanjiang Yang1 and Xiaofang Hu Alam M	x	Jul-23	https://www.frontiersin.org/articles/10.3389/feart.2023 _1109206/full
	Geochronology and petrogenesis of the Miocene S-type Sumayar granite in the Karakoram Block, north Pakistan: Implications for post-collisional magmatism	Hussain, A., Zhao, K. D., Rehman, H. U., Sadiq, I., <mark>Baig, S.</mark> S., & Ullah,	у	2023	https://www.sciencedirect.com/science/article/abs/pii/ S1367912024000488
	SBAS-InSAR based validated landslide susceptibility mapping along the Karakoram Highway: a case study of Gilgit-Baltistan, Pakistan	Isma Kulsoom, Weihua Hua, Sadaqat Hussain, Qihao Chen, Garee Khan & Dai Shihao	w	<u>27-Feb-23</u>	https://www.nature.com/articles/s41598-023-30009-z
Department of C	Spatial Distribution of Malaria and its Vectors in Selected Districts of Khyber Pakhtunkhwa, Pakistan	Sabit Rahim	у	2023	https://mail.google.com/mail/u/0#inbox?projector=1
	Children's Exposure with Technological Gadgets and its Relationship with Gender, Age, and Family Structure: A study on COVID -19 Pandemic Lockdown at Home	Sabit Rahim	у	2023	https://mail.google.com/mail/u/0/#inbox?projector=1
	Optimizing Machine Learning Algorithms for Landslide Susceptibility Mapping along the Karakoram Highway, Gligit Baltistan, Pakistan: A Comparative Study of Baseline, Bayesian, and Metaheuristic Hyperparameter Optimization Techniques	Muhmmad Ismai 2I khan,Gree k 3	x	2023	https://www.mdpi.com/1424-8220/23/15/6843
Department of Educational Development	The Philosophy Behind Violence Against Married Women in Pakistan's Gligit-Baltistan.	Qutoshi, S. B., Jabeen, Z., Dogger, S. R. & Bano,	x	2024	
	The Anxiety of Speaking English as a Second Language Among Students of Karakoram International University, Hunza Campus	Ariif Hussain <mark>,Amjad ali</mark> Hunza Campus	у	July. to Dec. 2023	https://uswa.com.pk/

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	Professional Development of Teachers for Technological Enhanced Learning: Experiences of Faculty	Nisar ul haq	у	2023	https://doi.org/10.54183/jssr.v3i2.268
	Professional Development of Teachers for Technological Enhanced Learning: Experiences of Faculty	Asif Khan Associate Dean, Faculty of Arts & Humanities, Karakoram International University, Gilgit- Baltistan, Pakistan.	Y	Jun-23	https://ojs.jssr.org.pk/index.php/jssr/article/view/268
	Factors affecting university students' motivation in conducting research thesis: a case study of Karakorum International University, Gilgit-Baltistan, Pakistan	Kamal ud Dina Department of Education, Karakoram International University, Gilgit Baltistan, Pakistan	x	2023	https://www.tandfonline.com/doi/abs/10.1080/136031 08.2022.2121780
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Department of Sociology	AN ANALYSIS OF WOMEN EMPOWERMENT AND LIVESTOCK MANAGEMENT IN DISTRICT GILGIT, PAKISTAN	NUSRAT ZEHRA Department of Sociology & Anthropology	Y	2023	https://xianshiyoudaxuexuebao.com/dashboard/uploads/3.UHAQ7.pdf
Department of Environmental Science	First insight into seasonal variability of urban air quality of northern Pakistan: An emerging issue associated with health risks in Karakoram-region. Chemosphere,	Hussain N, Masroor Ahmad , Hassaan Sipra , Shuakat Ali , Jabir Hussain Syed * Khadim Hussain , Syed Waqar Hassan.	w	Mar-23	https://doi.org/10.1016/j.chemosphere.2023.137878
	Crop intensification effects on soil quality and organic carbon stocks: a case study of Haramosh Valley in Central Karakorum, Pakistan	Muneer AlamDepartment of Environmental Sciences, Karakoram International University, Gilgit, Pakistan	w	2023	https://www.tandfonline.com/doi/abs/10.1080/135045 09.2022.2116613
Department Pla	Exploring informed consent and the utilization of traditional medicinal plants in Roundu Valley, Gilgit Baltistan	Shakeel Hussain1*, Ahmad Ali Balg1 , Hasnain Abbas1 , Waqar Hussain1 , Naveed Hussain1 and Shahab-Ud-Din2	x	Nov-23	https://d1wqtxts1xzle7.cloudfront.net/
	Ethnobotanical inventory and indigenous therapeutic applications of wild medicinal plants in Parishing valley, District Astore, GilgitBaltistan, Pakistan	Salim Khadim1*, Sujjad Hyder2, Tehseen Zuhra3, Hasnain Abbas1	w	15/2/2024	https://www.researchgate.net/
	URBANIZATION EFFECT ON PLANT DIVERSITY AND AGRICULTURAL LAND, CASE STUDY OF SAKAR VALLEY DISTRICT GILGIT, PAKISTAN	Qamar abbas	у	9/1/2023	http://creativecommons.org/licenses/by-sa/4.0
Urdu Departmer	Urdu Research Theories of Dr. Tabassum Kashmiri	Dr. Muhammad NaveedHead of Urdu Department, Karakoram International University, Gilgit- Baltistan	Y	Mar-24	http://zauq-e- tahqeeq.com/index.php/ZT/article/view/171
	Urdu poetry in Ecological Context	Dr. Muhammad NaveedHead of Urdu Department, Karakoram International University, Gilgit- Baltistan	Y	30/06/2023	https://zabanoadab.gcuf.edu.pk/index.php/1/article/vi ew/118
	اًردو ناول اور عصوبیت (از کامران کانلمی) کا تجزیاتی مطالعہ"	Dr. Muhammad NaveedHead of Urdu Department, Karakoram International University, Gilgit- Baltistan	Y	29-Dec-23	https://tahqeeqnama.gcu.edu.pk/website/journal/article/6592f8806540d/page

	علی احمد کے اسٹیج ڈراموں کا تحقیقی و تنقیدی جانزہ	Dr. Muhammad NaveedHead of Urdu Department, Karakoram International University, Gilgit- Baltistan	Y	30/12/2023	http://irigs.iiu.edu.pk:64447/ojs/index.php/meyar/article/view/3021
	ار دو داستان "أر انش محقل" کا تنفیدی مطلعہ	طابر نواز	Υ	30/6/2023	http://irigs.iiu.edu.pk:64447/ojs/index.php/meyar/article/view/2811
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	ار دو کارپس کا تعارف، ئیاری کے مراحل اور تجاویز	طاہر تواز	Y	June 30, 2023	https://matan.iub.edu.pk/website/journal/article/649ef b718166f/page
Department of (Ethnobotanical inventory and indigenous therapeutic applications of wild medicinal plants in Parishing valley, District Astore, GilgitBaltistan, Pakistan	Salim Khadim1*, Sujjad Hyder2, Tehseen Zuhra3, Hasnain Abbas1	w	15/2/2024	https://www.researchgate.net/
	Fabrication of novel Ag nanoparticles decorated ZrO2/g- C3N4 ternary heterojunction interface for photocatalytic reduction of nitroaromatic compounds	Effat Sitara	w	6-Jul-23	https://doi.org/10.1016/j.surfin.2023.102997
	Surface modified walnut shell derived carbon particles for anti-acne skin treatment	iftikhar Ali	W	15-Sep-23	https://doi.org/10.1016/j.diamond.2023.110394
	Dansyl based selective fluorescence sensor for Hg in aqueous environment: an experimental and computational studies	Manzoor Hussain	х	24-Jul-23	https://doi.org/10.1515/zpch-2022-0172
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	Challenges of nuclear deterrence stability in South Asia	lftikhar Ali (IR)	w	20/1/2023	https://scholar.google.com/
Department of Magement Sciences	Role of Accommodation in Tourism Development in Gilgit-Baltistan, Pakistan	Dr. Rehmat Karim Associate Professor, Department of Tourism and Hospitality Management, Karakoram International University, Hunza Campus, Gilgit-Baltistan, Pakistan Dr. Attaullah Shah	x	<u>8/1/2024</u>	https://www.ojs.jdss.org.pk/journal/article/view/883

	Exploring the role of ChatGPT in higher education: opportunities, challenges and ethical considerations	Rehmat Karim Department of Tourism and Hospitality Management, Karakoram International University, Hunza Campus, Gilgit, Pakistan	w	17-Dec-23	https://www.researchgate.net/
	Conversational AI Chatbots in library research: An integrative review and future research agenda	, Ifzal Ahmad KIU	w		https://journals.sagepub.com/doi/full/10.1177/096100 06231224440
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Civil Engineering					
M.L.T	Variants in FREM1 and trisomy 18 identified in a neonatal progeria patient	Mehran kosar	w	20-Jul-23	https://link.springer.com/article/10.1007/s11033-023- 08595-y
Total				129	