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Faculty	FABS			
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Qualification				
Year	Degree/Certificate	Name of the Institute/ University	Field of study	
2015	Ph.D	University Sains Malaysia	Radiation Physics	
2011	M.Phil	Gomal University, D. I.Khan	Radiation Physics	
2005	Graduation	University of Peshawar	Physics	
Publications in HEC Recognized journals				
S. No	Title of Paper	Name of Journal	National/ International	Publication date
1	Zinc-Doped Magnesium Borate Glass: A Potential Thermoluminescence Dosimeter for Extended Range of Dosimetric Applications (IF: 2.838)	Applied Sciences	International	2022
2	Morita Baylis Hillman Adduct Serves as Ligand in the Synthesis of Transition Metal Complexes Exhibiting Antibacterial Activity. (IF: 1.063)	Pharmaceutical Chemistry Journal	International	2022
3	Synthesis and Biological Activity of Morita Baylis Hillman Adducts and their Oximes (IF: 1.063)	Pharmaceutical Chemistry Journal	International	2022
4	THREE NEW COMPOUNDS ISOLATED FROM Bauhinia variegata PLANT. (IF: 0.837)	Pharmaceutical Chemistry Journal	International	2021
5	Assessment of health hazards related to contaminations of fluorides, nitrates, and nitrites in drinking water of Vehari, Punjab, Pakistan. (IF: 5.190)	Human and Ecological Risk Assessment: An International Journal	International	2021
6	Health Risks in Different Age Group of Nitrate in Spring Water Used for	Ecology of Food and Nutrition	International	2020

	Drinking in Harnai, Balochistan, Pakistan (IF: 1.066)			
7	Silver-polymer nanocomposites: Structural, thermal and electromechanical elucidation for charge storage applications (IF: 5.5)	Measurement	International	2020
8	Estimation of health risk to humans from heavy metals in soil of coal mines in Harnai, Balochistan (IF: 1.431)	International Journal of Environmental Analytical Chemistry	International	2020
9	An overview on radiometric assessment and excess lifetime cancer risk of soil in Pakistan by using High Purity Germanium (HPGe) detector (IF: 2.429)	Reviews on Environmental Health	International	2020
10	An overview on the concentration of radioactive elements and physiochemical analysis of soil and water in Iraq (IF: 2.429)	Reviews on Environmental Health	International	2020
11	Evaluation of radon concentration and heavy metals in drinking water and their health implications to the population of Quetta, Balochistan, Pakistan (IF 1.431)	International Journal of Environmental Analytical Chemistry	International	2020
12	Health Implications of natural radioactivity in spring water used for drinking in Harnai, Balochistan (IF:1.431)	International Journal of Environmental Analytical Chemistry	International	2019
13	Effect of geochemical properties (pH, conductivity, TDS) on natural radioactivity and dose estimation in water samples in Kulim, Malaysia. (IF:2.012)	Human and Ecological Risk Assessment: An International Journal	International	2019
14	Assessments of ²²⁶ Ra and ²²² Rn concentration in well and tap water from Sik, Malaysia, and consequent dose estimates. (IF:2.012)	Human and Ecological Risk Assessment: An International Journal	International	2019
15	Evaluation of ²²² Rn and ²²⁶ Ra concentrations in cement and limestone of Sheikh Buddin Hill, Pezu, Pakistan using different techniques. (IF:1.267)	International Journal of Environmental Analytical Chemistry	International	2019
16	Evaluation of radon concentration and heavy metals in drinking water and their health implications to the population of Quetta, Balochistan, Pakistan.(IF:1.267)	International Journal of Environmental	International	2019

		Analytical Chemistry		
17	Natural radioactivity and associated radiological hazards in limestone used as raw material in cement of Lucky Cement Factory, Pezu, Pakistan. (IF:1.267)	International Journal of Environmental Analytical Chemistry	International	2019
18	Risk assessment of radon in soil collected from chromite mines of Khanozai and Muslim Bagh, Balochistan, Pakistan. (IF:2.88)	Environmental Technology & Innovation	International	2019
19	Theoretical investigation of strain-engineered WSe ₂ monolayers as anode material for Li-ion batteries (IF:4.175)	Journal of Alloys and Compounds	International	2019
20	Dose verification of volumetric-modulated arc therapy using one-dimensional and two-dimensional dosimeters	Journal of Radiotherapy in Practice	International	2019
21	Determination of radon concentration and heavy metals (Ni, Pb, Cd, As, Cr) in drinking and irrigated water sampled from Kulim, Malaysia (IF:0.514)	International Journal of Radiation Research	International	2018
22	Age-dependent annual effective dose estimations of ²²⁶ Ra, ²³² Th, ⁴⁰ K and ²²² Rn from drinking water in Baling, Malaysia (IF:0.922)	Water Supply	International	2018
23	Intensity modulated radiation therapy: A review of current practice and future outlooks (IF: 2.963)	Journal of Radiation Research and Applied Sciences	International	2018
24	Intensity modulated radiation therapy: A review of current practice and future outlooks (IF: 2.963)	Journal of Radiation Research and Applied Sciences	International	2018
25	Dosimetric, radiobiological and secondary cancer risk evaluation in head-and-neck three-dimensional conformal radiation therapy, intensity-modulated radiation therapy, and volumetric modulated arc therapy: A phantom study.	Journal of medical physics	International	2018
26	An overview of radon concentration in Malaysia (IF: 2.963)	Journal of Radiation Research and Applied Sciences	International	2017

27	Measurement of ambient gamma radiation levels at different localities of Quetta, Pakistan (IF: 0.28)	Interciencia Journal	International	2017
28	Impact of fertilizers on the uptake of ²²⁶ Ra, ²³² Th, and ⁴⁰ K by pot-grown rice plants	Pollution	International	2016
29	An overview on measurements of natural radioactivity in Malaysia (IF: 2.963)	Journal of Radiation Research and Applied Sciences	International	2015
30	Study of radon concentration and toxic elements in drinking and irrigated water and its implications in Sungai Petani, Kedah, Malaysia (IF: 2.963)	Journal of Radiation Research and Applied Sciences	International	2015
31	Distribution of ²²⁶ Ra, ²³² Th, and ⁴⁰ K in rice plant components and physico-chemical effects of soil on their transportation to grains (IF: 2.963)	Journal of Radiation Research and Applied Sciences	International	2015
32	Natural radioactivity in virgin and agricultural soil and its environmental implications in Sungai Petani, Kedah, Malaysia	<i>Pollution</i>	International	2015
33	Measurement of radon exhalation rate, radium activity and annual effective dose from bricks and cement samples collected from Dera Ismail Khan (IF:0.27)	American Journal of Applied Sciences	International	2014
34	The effect of grain size on radon exhalation rate in soil samples of Dera Ismail Khan in Pakistan	J Basic Appl Sci	National	2012

Paper Presented

S. No	Title of Paper	Name of Conference	National/ International	Date

Books Authored/ Edited

S. No	Name of book	Publisher	ISBN

Work Experience			
S. No	From (year)	To (year)	Name of the Institution/ Organization
1	25/07/2016	Till now	Balochistan University of Information Technology, Engineering and Management Sciences, Quetta
2	9/03/2016	24/07/2016	Gomal University D. I. Khan
Area of specialization		RADIATION PHYSICS	
Research Interest		NATURAL RADIOACTIVITY IN SOIL, WATER, BUILDING MATERIALS	
Future Research Plans			
HEC Approved supervisor		Yes	
If Yes, provide HEC URL		<i>e.g.</i> http://sc.hec.gov.pk/aphds/	
Research grants/ Projects			
Additional Information			