



Name: Dr. Bassam Zuhdi Othman Shakhreet

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Academic Rank: Associate Professor

Membership:

1	American Association of Physicists in Medicine (AAPM)
2	The Institute of Physics (IOP)
3	Jordanian Association of Physicists in Medicine (JAPM)
4	Radiological Society of Saudi Arabia (RSSA)

Qualifications:

1	BSc. In Medical Physics, Applied Science University, 1992 – 1997.
2	MSc. In Medical Physics, Universiti Sains Malaysia, 2000 – 2002.
3	PhD in Medical Physics, Universiti Sains Malaysia, 2002 – 2006.

Professional Objective(s): Clinical service and consulting, research and development, teaching, and management

Teaching Experience:

1	Medical Physicist	Nucl. Med. + Oncol., Ministry of Health, Amman	2/1998 – 10/1999
2	Assistant Prof.	Al-Jouf University, Sakaka – Saudi Arabia	9/2007 – 8/2009
3	Assistant Prof.	University of Hail, Hail – Saudi Arabia	9/2009 – 8/2011
4	Associate Prof.	King Abdulaziz University, Jeddah – Saudi Arabia	9/2011 – 8/2021
5	Associate Prof.	Zarqa University, Zarqa, Jordan	2/2023 - now

Publications:

#	Title	Publisher	Year/volume
1	Measurement of photon mass-energy absorption coefficients of paraffin wax and gypsum at 662keV	Int. Journal of Radiation Physics and Chemistry	2003/68
2	Mass attenuation coefficients of natural Rhizophora spp. wood for x-rays in the 15.77–25.27 keV range	Radiation Protection and Dosimetry	2009/135
3	Digital Signal Processing to Simulate Heart Beats as a Medical Education Tools	American Journal of Scientific and Industrial Research	2013/4
4	Mass Attenuation Coefficients of Fabricated Rhizophora spp. Particleboard for the 15.77 – 25.27 keV Range	American Journal of Scientific and Industrial Research	2013/4
5	A mitigating technique for the treatment of small volumes drinking water from radon gas	Open Journal of Biophysics	2014/4
6	Treatment of Radon rich bottled water by granular activated carbon adsorption method	Open Journal of Biophysics	2014/4
7	Design a Simple Model of Electrocardiograph	American Journal of Scientific and Industrial Research	2014/5
8	Electron Density of Rhizophora Spp. Wood Using Compton Scattering Technique At 15.77, 17.48 And 22.16 keV XRF Energies	Int. Journal of Radiation Physics and Chemistry	2015/107
9	Design of Pulse Oximetry System	Journal of Basic and Applied Research International	2015/7
10	An Evaluation for a Population in the Middle East for General Awareness of the Benefits and Hazards of Different Types of Radiation	Journal of Scientific Research and Reports	2015/6
11	The Role of Radioactive Iodine in Thyrotoxicosis Patients	British Journal of Applied Science & Technology	2015/10
12	Developing a Fast-Affordable Automatic Counting System of CR-39 Solid State Nuclear Track Detectors	Physical Science International Journal	2016/9
13	Common musculoskeletal injuries in athletes and its relationship with body mass index (BMI) in Jeddah society	British Journal of Medicine and Medical Research	2016/13
14	Exploration the causes of musculoskeletal injuries of different age groups in local society	Journal of Advances in Medicine and Medical Research	2016/14

15	Verification of a Developed Automatic Counting System for Cr-39 Detectors Using Different Image Resolutions	IOSR Journal of Applied Physics	2016/8
16	Image Findings and Common Musculoskeletal Disorders for Pediatrics in the Saudi Arabian Society	Journal of Biosciences and Medicines	2016/4
17	Traffic Vehicle Accidents and Common Musculoskeletal Disorders in Jeddah City	IOSR Journal of Dental and Medical Sciences	2016/15
18	Liver Tissue Characterization Using Dual-Energy Computed Tomography	IOSR Journal of Dental and Medical Sciences	2016/15
19	Feasibility of using ultrasound in ambulances in Saudi Arabia	World Journal of Radiology	2020/12
20	Patient Awareness and Knowledge Level for Radiation in Different Radiology Modalities in Hospitals	Journal of Scientific Research and Reports	2021/27

Personal Information

Name:	Bassam Zuhdi Othman Shakhreet			
Place and Date of Birth:	Saudi Arabia, 1975			
Nationality:	Jordanian			
Marital Status:	Married			
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