

Wiam Elshami

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

856
citations

566801

15
h-index

610482

24
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63
all docs

63
docs citations

63
times ranked

453
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of the Willingness of Radiologists and Radiographers to Accept the Integration of Artificial Intelligence Into Radiology Practice. <i>Academic Radiology</i> , 2022, 29, 87-94.	1.3	54
2	Response to letter to Editor: Medical Image Analyst: A Radiology Career Focused on Comprehensive Quantitative Imaging Analytics to Improve Healthcare. <i>Academic Radiology</i> , 2022, 29, 171.	1.3	1
3	IMPACT OF RADIATION FIELD SIZE ON ABSORBED ORGAN DOSES IN NEONATES UNDERGOING CHEST RADIOGRAPHY IN AN ANTERIOR-POSTERIOR PROJECTION: A MONTE CARLO SIMULATION STUDY. <i>Radiation Protection Dosimetry</i> , 2022, 198, 44-52.	0.4	2
4	Factors that affect student engagement in online learning in health professions education. <i>Nurse Education Today</i> , 2022, 110, 105261.	1.4	26
5	Letter to the editor: An assessment of Sri Lankan radiographer's knowledge and awareness of radiation protection and imaging parameters related to patient dose and image quality in computed tomography (CT). <i>Radiography</i> , 2022, , .	1.1	1
6	Multiple Assessments on the Gamma-Ray Protection Properties of Niobium-Doped Borotellurite Glasses: A Wide Range Investigation Using Monte Carlo Simulations. <i>Science and Technology of Nuclear Installations</i> , 2022, 2022, 1-17.	0.3	7
7	Occupational radiation dose assessment for nuclear medicine workers in Turkey: A comprehensive investigation. <i>Journal of King Saud University - Science</i> , 2022, 34, 102005.	1.6	9
8	The Role of Neuroimaging in Fall Prevention in Healthy Adults at Risk of Alzheimer's Disease. , 2022, , 790-812.		0
9	Impact of high kilo-voltage peak technique on radiation dose for neonates undergoing chest radiography: Experimental study. <i>Radiation Physics and Chemistry</i> , 2022, 199, 110327.	1.4	1
10	Cumulative radiation exposure, effective and organ dose estimation from multiple head CT scans in stroke patients. <i>Radiation Physics and Chemistry</i> , 2022, 199, 110306.	1.4	5
11	Transmission factors, mechanical, and gamma ray attenuation properties of barium-phosphate-tungsten glasses: Incorporation impact of WO ₃ . <i>Optik</i> , 2022, 267, 169643.	1.4	11
12	The radiography students' perspective of the impact of COVID-19 on education and training internationally: a across sectional survey of the UK Devolved Nations (UKDN) and the United Arab Emirates (UAE). <i>Radiography</i> , 2022, 28, S50-S58.	1.1	8
13	Changing the model of radiography practice: Challenges of role advancement and future needs for radiographers working in the UAE. <i>Radiography</i> , 2022, 28, 949-954.	1.1	3
14	Radiography doctorates in Arabia: Current position and opportunities to transform research practice in the Middle East. <i>Radiography</i> , 2021, 27, 142-149.	1.1	10
15	Changing the model of radiography practice in the UAE: A snapshot of a profession in transition. <i>Radiography</i> , 2021, 27, 54-58.	1.1	14
16	The radiology workforce's response to the COVID-19 pandemic in the Middle East, North Africa and India. <i>Radiography</i> , 2021, 27, 360-368.	1.1	41
17	The Role of Neuroimaging in Fall Prevention in Healthy Adults at Risk of Alzheimer's Disease. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021, , 107-129.	0.1	0
18	Satisfaction with online learning in the new normal: perspective of students and faculty at medical and health sciences colleges. <i>Medical Education Online</i> , 2021, 26, 1920090.	1.1	123

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19	The Impact of Clinical Practice E-portfolio in Radiology Education during COVID-19 Outbreak. International Journal of Current Research and Review (discontinued), 2021, , 115-118.	0.1	8
20	Mechanical, structural and nuclear radiation shielding competencies of some tellurite glasses reinforced with molybdenum trioxide. Physica Scripta, 2021, 96, 045702.	1.2	9
21	Bridging the Gap in Online Learning Anxiety Among Different Generations in Health Professions Education. Sultan Qaboos University Medical Journal, 2021, 21, 539-548.	0.3	8
22	Developed selenium dioxide-based ceramics for advanced shielding applications: Au ₂ O ₃ impact on nuclear radiation attenuation. Results in Physics, 2021, 24, 104099.	2.0	9
23	Mechanical properties and elastic moduli, as well as gamma-ray attenuation abilities: A wide-ranging investigation into calcium/sodium/phosphate glasses. Journal of the Australian Ceramic Society, 2021, 57, 1309-1319.	1.1	9
24	The global impact of the COVID-19 pandemic on clinical radiography practice: A systematic literature review and recommendations for future services planning. Radiography, 2021, 27, 1219-1226.	1.1	28
25	An extensive survey of radiographers from the Middle East and India on artificial intelligence integration in radiology practice. Health and Technology, 2021, 11, 1045-1050.	2.1	20
26	Comparison of Radiation dose and Image Quality in Head CT Scans Among Multidetector CT Scanners. Radiation Protection Dosimetry, 2021, 196, 10-16.	0.4	2
27	The integration of artificial intelligence in medical imaging practice: Perspectives of African radiographers. Radiography, 2021, 27, 861-866.	1.1	28
28	Late non-physiological impacts of Covid-19 on radiography education. Radiography, 2021, 27, 987-988.	1.1	5
29	Assessment of MRI technologists in acceptance and willingness to integrate artificial intelligence into practice. Radiography, 2021, 27, S83-S87.	1.1	16
30	WS ₂ /bioactive glass composites: Fabrication, structural, mechanical and radiation attenuation properties. Ceramics International, 2021, 47, 29739-29747.	2.3	16
31	Impact of Eye and Breast Shielding on Organ Doses During Cervical Spine Radiography: Design and Validation of MIRD Computational Phantom. Frontiers in Public Health, 2021, 9, 751577.	1.3	7
32	Coronavirus Disease 2019 Strategies, Examination Details, and Safety Procedures for Diagnostic Radiology Facilities: An Extensive Multicenter Experience in Istanbul, Turkey. Journal of Radiology Nursing, 2021, 40, 172-178.	0.2	4
33	Impacts of Phantom Off-Center Positioning on CT Numbers and Dose Index CTDI _v : An Evaluation of Two CT Scanners from GE. Journal of Imaging, 2021, 7, 235.	1.7	3
34	Enhancement of Gamma-ray Shielding Properties in Cobalt-Doped Heavy Metal Borate Glasses: The Role of Lanthanum Oxide Reinforcement. Materials, 2021, 14, 7703.	1.3	33
35	Correlation between Computed Tomography Clinical Diagnosis and Findings in Pediatric Computed Tomography. Pakistan Journal of Biological Sciences, 2021, 24, 1063-1066.	0.2	0
36	Radiography students' perceptions of Peer assisted learning. Radiography, 2020, 26, e109-e113.	1.1	11

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37	A snapshot of occupational radiation dose in veterinary radiology. Radiation Physics and Chemistry, 2020, 168, 108581.	1.4	1
38	<p></p>Radiography Advanced Practice in the United Arab Emirates: The Perceptions and Readiness of Mammographers</p>. Journal of Multidisciplinary Healthcare, 2020, Volume 13, 753-758.	1.1	6
39	TOWARD NATIONAL CT DIAGNOSTIC REFERENCE LEVELS IN THE UNITED ARAB EMIRATES: A MULTICENTER REVIEW OF CT DOSE INDEX AND DOSE LENGTH PRODUCT. Radiation Protection Dosimetry, 2020, 190, 243-249.	0.4	11
40	<p></p>Effectiveness of Breast and Eye Shielding During Cervical Spine Radiography: An Experimental Study</p>. Risk Management and Healthcare Policy, 2020, Volume 13, 697-704.	1.2	12
41	Knowledge, Anxiety, Fear, and Psychological Distress About COVID-19 Among University Students in the United Arab Emirates. Frontiers in Psychiatry, 2020, 11, 582189.	1.3	81
42	Assessment of the professional practice knowledge of computed tomography preceptors. European Journal of Radiology Open, 2020, 7, 100216.	0.7	12
43	ESTIMATION OF OCCUPATIONAL RADIATION EXPOSURE FOR MEDICAL WORKERS IN RADIOLOGY AND RADIOLOGY IN THE UNITED ARAB EMIRATES: NINE HOSPITALS EXPERIENCE. Radiation Protection Dosimetry, 2020, 189, 466-474.	0.4	7
44	Scanning electron microscopy (SEM), energy-dispersive X-ray (EDX) spectroscopy and nuclear radiation shielding properties of [±Fe ₃ O(OH)]-doped lithium borate glasses. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	11
45	Iron (III) oxide doped lithium borate glasses: structural and charged particles/photon shielding properties. Journal of Non-Crystalline Solids, 2020, 546, 120281.	1.5	20
46	Relationship between melting-conditions and gamma shielding performance of fluoro-sulfo-phosphate (FPS) glass systems: A comparative investigation. Ceramics International, 2020, 46, 15255-15269.	2.3	20
47	An in-depth investigation from mechanical durability to structural and nuclear radiation attenuation properties: B ₂ O ₃ –Na ₂ O–Bi ₂ O ₃ –Nb ₂ O ₅ glasses experience. Physica Scripta, 2020, 95, 105701.	1.3	10
48	Computed tomography radiation doses for common computed tomography examinations: a nationwide dose survey in United Arab Emirates. Insights Into Imaging, 2020, 11, 88.	1.6	16
49	OCCUPATIONAL DOSE AND RADIATION PROTECTION PRACTICE IN UAE: A RETROSPECTIVE CROSS-SECTIONAL COHORT STUDY (2002–2016). Radiation Protection Dosimetry, 2019, 187, 426-437.	0.4	21
50	MEASUREMENTS OF RADIATION EXPOSURE OF RADIOGRAPHY STUDENTS DURING THEIR CLINICAL TRAINING USING THERMOLUMINESCENT DOSIMETRY. Radiation Protection Dosimetry, 2018, 179, 244-247.	0.4	19
51	Acceptability and potential impacts of innovative E-Portfolios implemented in E-Learning systems for clinical training. Journal of Taibah University Medical Sciences, 2018, 13, 521-527.	0.5	6
52	Occupational doses to cardiologists performing fluoroscopically-guided procedures. Radiation Physics and Chemistry, 2018, 153, 21-26.	1.4	12
53	Sonographic Assessment of the Fetal Thoracic Length (FTL) as a Predictor of Gestational Age (GA) in Nigerian Population. Journal of Applied Health Sciences, 2018, 4, 225-232.	0.1	1
54	Knowledge and Adherence to Radiation Protection among Healthcare Workers at Operation Theater. Asian Journal of Scientific Research, 2018, 12, 54-59.	0.3	14

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55	Development and design of an undergraduate radiology teaching e-portfolio for clinical practice and professional development. American Journal of Diagnostic Imaging, 2018, 1, 7.	0.1	5
56	Prevalence of repetitive stress injuries among radiological technologists in United Arab Emirates. American Journal of Diagnostic Imaging, 2018, , 1.	0.1	0
57	Transforming Magnetic Resonance Imaging Education through Simulation-Based Training. Journal of Medical Imaging and Radiation Sciences, 2017, 48, 151-158.	0.2	9
58	Diagnostic radiography students' perceptions of formative peer assessment within a radiographic technique module. Radiography, 2017, 23, 9-13.	1.1	14
59	Perceptions of E-portfolio Use in Lifelong Learning and Professional Development Among Radiology Professionals. Current Medical Imaging, 2017, 13, .	0.4	6
60	Integrating of scenario-based simulation into radiology education to improve critical thinking skills. Reports in Medical Imaging, 0, Volume 9, 17-22.	0.8	7
61	Radiation Dose Reduction and Cancer Risk Estimation Associated with Upper Limbs Radiographic Examination by using Optimal Projections: A Phantom Study. Journal of Clinical and Diagnostic Research JCDR, 0, , .	0.8	0