

**Theme 2-3: Medical Imaging and Bio-Informatics - 2022**

Title	Authors	Scopus Source title	Volume	Issue	Pages	Publication type
A novel montmorillonite clay-cetylpyridinium chloride complex as a potential antimicrobial composite material in contact lenses disinfection	Akbar, N.   Siddiqui, R.   Khamis, M.   Ibrahim, T.   Khan, N.A.	Experimental Parasitology	240	-	-	Article
Primary Amoebic Meningoencephalitis: Potential Application of Ionic Liquids Against Brain-Eating Amoebae?	Siddiqui, R.   Abouleish, M.Y.   Khamis, M.   Ibrahim, T.   Khan, N.A.	Acta Parasitologica	67	2	1032-1034	Article
Antimicrobial properties of salicylic acid-based deep eutectic solvents for the development of contact lens disinfecting solutions against Acanthamoeba	Siddiqui, R.   Makhlof, Z.   Akbar, N.   Khamis, M.   Ibrahim, T.   Khan, A.S.   Khan, N.A.	Molecular and Biochemical Parasitology	250	-	-	Article
Antibacterial effects of octadecyl trimethylammonium micelle-clay complex against bacterial eye pathogens: potential as a contact lens disinfectant	Siddiqui, R.   Shah, R.A.   Akbar, N.   Khamis, M.   Ibrahim, T.   Abouleish, M.Y.   Khan, N.A.	International Ophthalmology	42	3	939-944	Article
Microwave Imaging for Early Breast Cancer Detection: Current State, Challenges, and Future Directions	Alsawafah, N.   El-Abed, S.   Dhrou, S.   Zakaria, A.	Journal of Imaging	8	5	-	Review
Fluoroscopic 3D Image Generation from Patient-Specific PCA Motion Models Derived from 4D-CBCT Patient Datasets: A Feasibility Study	Dhou, S.   Alkhodari, M.   Ionascu, D.   Williams, C.   Lewis, J.H.	Journal of Imaging	8	2	-	Article
Applications of sensor technology and mobile health in mental health research	Shein, G.   Sagahyroon, A.   Coumaravelou, S.	International Journal of Electronic Healthcare	12	4	381-406	Review
In-between projection interpolation in cone-beam CT imaging using convolutional neural networks	Dweek, S.   Dhrou, S.   Shanableh, T.	Progress in Biomedical Optics and Imaging - Proceedings of SPIE	12031	-	-	Conference Paper
Regression Analysis between the Different Breast Dose Quantities Reported in Digital Mammography and Patient Age, Breast Thickness, and Acquisition Parameters	Dhou, S.   Dalah, E.   Alghafeer, R.   Hamidu, A.   Obaideen, A.	Journal of Imaging	8	8	-	Article
Microwave Imaging for Early Breast Cancer Detection: Current State, Challenges, and Future Directions	Alsawafah, N.   El-Abed, S.   Dhrou, S.   Zakaria, A.	Journal of Imaging	8	5	-	Review
Using prior information to enhance microwave tomography images in bone health assessment	Alkhodari, M.   Zakaria, A.   Qaddoumi, N.	BioMedical Engineering Online	21	1	-	Article
Untargeted Metabolomic Plasma Profiling of Emirati Dialysis Patients with Diabetes Versus Non-Diabetic: A Pilot Study	Banimfreg, B.H.   Alshraideh, H.   Shamayleh, A.   Guella, A.   Semreen, M.H.   Bataineh, M.T.A.   Soares, N.C.	Biomolecules	12	7	-	Article
Untargeted approach to investigating the metabolomics profile of type 2 diabetes emiratis	Banimfreg, B.H.   Shamayleh, A.   Alshraideh, H.   Semreen, M.H.   Soares, N.C.	Journal of Proteomics	269	-	-	Article
Quality of Life and Psychological Wellbeing of Breast Cancer Survivors in the Kingdom of Saudi Arabia	Abu-Helalah, M.   Mustafa, H.   Alshraideh, H.   Alsuhaib, A.I.   Almousily, O.A.   Al-Abdallah, R.   Al-Shehri, A.   Al-Qarni, A.A.   Al-Bukhari, W.	Asian Pacific Journal of Cancer Prevention	23	7	2291-2297	Article
An MRI Based Algorithm for Detecting Multiple Sclerosis	Obeidat, M.S.   Alshraideh, H.A.   Al-Kader, A.A.   Aqlan, F.	International Review on Modelling and Simulations	15	1	18-26	Article
Survey for Computer-Aided Tools and Databases in Metabolomics	Banimfreg, B.H.   Shamayleh, A.   Alshraideh, H.	Metabolites	12	10	-	Review
Quality of Life and Psychological Wellbeing of Colorectal Cancer Survivors in the KSA	Abu-Helalah, M.   Mustafa, H.   Alshraideh, H.   Alsuhaib, A.I.   Almousily, O.A.   Al-Abdallah, R.   Al-Olayan, A.	Asian Pacific Journal of Cancer Prevention	23	4	1301-1308	Article