

DQE of wireless digital detectors: Comparative performance schemes

Medical Physics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Portable Wireless Digital Detectors: Advantages and Challenges. Journal of the American College of Radiology, 2014, 11, 212-214.	1.8	1
2	Radiologic image formation: physical principles, technology, and radiation dose considerations. , 2015, , 667-687.		1
3	Compound Poisson noise verification for X-ray flat panel imager. , 2015, , .		0
4	Evaluation of cassette-based digital radiography detectors using standardized image quality metrics: AAPM TG150 Draft Image Detector Tests. Journal of Applied Clinical Medical Physics, 2016, 17, 391-417.	1.9	5
5	IEC 61267: Feasibility of type 1100 aluminium and a copper/aluminium combination for RQA beam qualities. Physica Medica, 2016, 32, 141-149.	0.7	2
6	Physical properties of a new flat panel detector with cesium-iodide technology. Proceedings of SPIE, 2016, , .	0.8	0
7	X-ray dose reduction using additional copper filtration for abdominal digital radiography: Evaluation using signal difference-to-noise ratio. Physica Medica, 2017, 34, 65-71.	0.7	30
8	The application of quantitative data analysis for the assessment of flat panel x-ray detectors in digital radiography as part of a quality assurance programme. Biomedical Physics and Engineering Express, 2017, 3, 035004.	1.2	7
9	Technical characterization of five x-ray detectors for paediatric radiography applications. Physics in Medicine and Biology, 2017, 62, N573-N586.	3.0	10
10	Comparison of CsI:Tl and Gd ₂ O ₂ S:Tb indirect flat panel detector x-ray imaging performance in front-and back-irradiation geometries. Medical Physics, 2019, 46, 4857-4868.	3.0	24
11	Flat-Panel Digital Radiography. , 2019, , 65-85.		0
12	A modified formulation of eDQE for digital radiographic imaging. Radiation Physics and Chemistry, 2019, 156, 6-14.	2.8	3
13	Performance of a new star phantom designed for MTF calculations in x-ray imaging systems. Medical Physics, 2020, 47, 4949-4955.	3.0	6
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15	Determination of DQE as a quantitative assessment of detectors in digital mammography: Measurements and calculation in practice. Polish Journal of Medical Physics and Engineering, 2021, 27, 223-232.	0.6	1
16	Evaluation of a hybrid direct-indirect active matrix flat-panel imager using Monte Carlo simulation. Journal of Medical Imaging, 2020, 7, 1.	1.5	1
17	Seven general radiography x-ray detectors with pixel sizes ranging from 175 to 76 μ m: technical evaluation with the focus on orthopaedic imaging. Physics in Medicine and Biology, 2023, 68, 195007.	3.0	0
18	Portable Single-Exposure Dual-Energy X-ray Detector for Improved Point-of-Care Diagnostic Imaging. Military Medicine, 2023, 188, 84-91.	0.8	1

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19	Flat-Panel Digital Radiography: Principles and System Components. , 2023, , 47-56.		0