

Stephen J Glick

List of Publications by Year in descending order

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15
papers

483
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1307594

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#	ARTICLE	IF	CITATIONS
1	Exploring CNN potential in discriminating benign and malignant calcifications in conventional and dual-energy FFDM: simulations and experimental observations. <i>Journal of Medical Imaging</i> , 2021, 8, 033501.	1.5	2
2	Characterization of a GaAs photon-counting detector for mammography. <i>Journal of Medical Imaging</i> , 2021, 8, 033504.	1.5	6
3	Computational reader design and statistical performance evaluation of an in-silico imaging clinical trial comparing digital breast tomosynthesis with full-field digital mammography. <i>Journal of Medical Imaging</i> , 2020, 7, 1.	1.5	8
4	Classification of breast microcalcifications using dual-energy mammography. <i>Journal of Medical Imaging</i> , 2019, 6, 1.	1.5	7
5	Objective assessment of task performance: a comparison of two FFDM detectors using an anthropomorphic breast phantom. <i>Journal of Medical Imaging</i> , 2019, 6, 1.	1.5	4
6	Evaluation of Digital Breast Tomosynthesis as Replacement of Full-Field Digital Mammography Using an In Silico Imaging Trial. <i>JAMA Network Open</i> , 2018, 1, e185474.	5.9	121
7	Feasibility of estimating volumetric breast density from mammographic x-ray spectra using a cadmium telluride photon-counting detector. <i>Medical Physics</i> , 2018, 45, 3604-3613.	3.0	8
8	Comparison of direct-conversion a-Se and CsI scintillator-based CMOS FFDM/DBT flat-panel detectors using an anthropomorphic breast phantom with embedded microcalcification signals. , 2018, , .		2
9	Investigating the feasibility of classifying breast microcalcifications using photon-counting spectral mammography: A simulation study. <i>Medical Physics</i> , 2017, 44, 2304-2311.	3.0	15
10	A novel physical anthropomorphic breast phantom for 2D and 3D x-ray imaging. <i>Medical Physics</i> , 2017, 44, 407-416.	3.0	62
11	Assessing task performance in FFDM, DBT, and synthetic mammography using uniform and anthropomorphic physical phantoms. <i>Medical Physics</i> , 2016, 43, 5593-5602.	3.0	29
12	Comparison of model and human observer performance in FFDM, DBT, and synthetic mammography. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
13	Investigation of energy weighting using an energy discriminating photon counting detector for breast CT. <i>Medical Physics</i> , 2013, 40, 081923.	3.0	26
14	Evaluation of a variable dose acquisition technique for microcalcification and mass detection in digital breast tomosynthesis. <i>Medical Physics</i> , 2009, 36, 1976-1984.	3.0	45
15	A computer simulation study comparing lesion detection accuracy with digital mammography, breast tomosynthesis, and cone-beam CT breast imaging. <i>Medical Physics</i> , 2006, 33, 1041-1052.	3.0	145