Stephen J Glick

List of Publications by Year
in descending order

15	483	1307366 7	1058333 14
papers	citations	h-index	g-index

16	16	16	409
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploring CNN potential in discriminating benign and malignant calcifications in conventional and dual-energy FFDM: simulations and experimental observations. Journal of Medical Imaging, 2021, 8, 033501.	0.8	2
2	Characterization of a GaAs photon-counting detector for mammography. Journal of Medical Imaging, 2021, 8, 033504.	0.8	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. Journal of Medical Imaging, 2020, 7, 1.	0.8	8
4	Classification of breast microcalcifications using dual-energy mammography. Journal of Medical Imaging, 2019, 6, 1.	0.8	7
5	Objective assessment of task performance: a comparison of two FFDM detectors using an anthropomorphic breast phantom. Journal of Medical Imaging, 2019, 6, 1.	0.8	4
6	Evaluation of Digital Breast Tomosynthesis as Replacement of Full-Field Digital Mammography Using an In Silico Imaging Trial. JAMA Network Open, 2018, 1, e185474.	2.8	121
7	Feasibility of estimating volumetric breast density from mammographic xâ€ray spectra using a cadmium telluride photonâ€counting detector. Medical Physics, 2018, 45, 3604-3613.	1.6	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. Medical Physics, 2017, 44, 2304-2311.	1.6	15
10	A novel physical anthropomorphic breast phantom for 2D and 3D xâ€ray imaging. Medical Physics, 2017, 44, 407-416.	1.6	62
11	Assessing task performance in FFDM, DBT, and synthetic mammography using uniform and anthropomorphic physical phantoms. Medical Physics, 2016, 43, 5593-5602.	1.6	29
12	Comparison of model and human observer performance in FFDM, DBT, and synthetic mammography. Proceedings of SPIE, 2016, , .	0.8	3
13	Investigation of energy weighting using an energy discriminating photon counting detector for breast CT. Medical Physics, 2013, 40, 081923.	1.6	26
14	Evaluation of a variable dose acquisition technique for microcalcification and mass detection in digital breast tomosynthesis. Medical Physics, 2009, 36, 1976-1984.	1.6	45
15	A computer simulation study comparing lesion detection accuracy with digital mammography, breast tomosynthesis, and cone-beam CT breast imaging. Medical Physics, 2006, 33, 1041-1052.	1.6	145