Amarpreet S Chawla

List of Publications by Year
in descending order

18 papers	305 citations	1163117 8 h-index	1199594 12 g-index
18 all docs	18 docs citations	18 times ranked	236 citing authors

#	Article	IF	Citations
1	Optimized image acquisition for breast tomosynthesis in projection and reconstruction space. Medical Physics, 2009, 36, 4859-4869.	3.0	66
2	Ambient illumination revisited: A new adaptation-based approach for optimizing medical imaging reading environments. Medical Physics, 2006, 34, 81-90.	3.0	48
3	A mathematical model platform for optimizing a multiprojection breast imaging system. Medical Physics, 2008, 35, 1337-1345.	3.0	41
4	Effect of dose reduction on the detection of mammographic lesions: A mathematical observer model analysis. Medical Physics, 2007, 34, 3385-3398.	3.0	36
5	Object detectability at increased ambient lighting conditions. Medical Physics, 2008, 35, 2204-2213.	3.0	31
6	The Effects of Ambient Lighting in Chest Radiology Reading Rooms. Journal of Digital Imaging, 2012, 25, 520-526.	2.9	24
7	The Influence of Increased Ambient Lighting on Mass Detection in Mammograms. Academic Radiology, 2009, 16, 299-304.	2.5	15
8	Determining the MTF of Medical Imaging Displays Using Edge Techniques. Journal of Digital Imaging, 2005, 18, 296-310.	2.9	10
9	Real-time MTF evaluation of displays in the clinical arena. , 2003, , .		8
10	Design and Development of a New Multi-Projection X-Ray System for Chest Imaging. IEEE Transactions on Nuclear Science, 2009, 56, 36-45.	2.0	8
11	A method for reduction of eye fatigue by optimizing the ambient light conditions in radiology reading rooms. , 2006, 6145, 10.		5
12	Design of a new multi-projection imaging system for chest radiography. , 2007, , .		3
13	Towards Optimized Acquisition Scheme for Multiprojection Correlation Imaging of Breast Cancer. Academic Radiology, 2009, 16, 456-463.	2.5	3
14	Effect of increased ambient lighting on detectability: a psychophysical study. , 2007, , .		2
15	Multi-projection Correlation Imaging as a New Diagnostic Tool for Improved Breast Cancer Detection. Lecture Notes in Computer Science, 2008, , 635-642.	1.3	2
16	Breast Mass Detection under Increased Ambient Lighting. Lecture Notes in Computer Science, 2008, , 243-248.	1.3	2
17	Geometrical Repeatability and Motion Blur Analysis of a New Multi-projection X-ray Imaging System. , 2006, , .		1
18	Optimized lesion detection in digital breast tomosynthesis. , 2009, , .		0