

Dev P Chakraborty

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

819
citations

1051969

10
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1051228

16
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18
all docs

18
docs citations

18
times ranked

801
citing authors

#	ARTICLE	IF	CITATIONS
1	Due to potential concerns of bias and conflicts of interest, regulatory bodies should not do evaluation methodology research related to their regulatory missions. <i>Medical Physics</i> , 2017, 44, 4403-4406.	1.6	1
2	On the meaning of the weighted alternative free-response operating characteristic figure of merit. <i>Medical Physics</i> , 2016, 43, 2548-2557.	1.6	9
3	The relationship between cancer detection in mammography and image quality measurements. <i>Physica Medica</i> , 2016, 32, 568-574.	0.4	32
4	Breast cancer detection rates using four different types of mammography detectors. <i>European Radiology</i> , 2016, 26, 874-883.	2.3	23
5	A Free-response Evaluation Determining Value in the Computed Tomography Attenuation Correction Image for Revealing Pulmonary Incidental Findings. <i>Academic Radiology</i> , 2014, 21, 538-545.	1.3	8
6	A Brief History of Free-Response Receiver Operating Characteristic Paradigm Data Analysis. <i>Academic Radiology</i> , 2013, 20, 915-919.	1.3	54
7	Measuring agreement between rating interpretations and binary clinical interpretations of images: a simulation study of methods for quantifying the clinical relevance of an observer performance paradigm. <i>Physics in Medicine and Biology</i> , 2012, 57, 2873-2904.	1.6	3
8	Application of Threshold-bias Independent Analysis to Eye-tracking and FROC Data. <i>Academic Radiology</i> , 2012, 19, 1474-1483.	1.3	3
9	New Developments in Observer Performance Methodology in Medical Imaging. <i>Seminars in Nuclear Medicine</i> , 2011, 41, 401-418.	2.5	39
10	Prediction Accuracy of a Sample-size Estimation Method for ROC Studies. <i>Academic Radiology</i> , 2010, 17, 628-638.	1.3	10
11	Counterpoint to "Performance Assessment of Diagnostic Systems Under the FROC Paradigm" by Gur and Rockette. <i>Academic Radiology</i> , 2009, 16, 507-510.	1.3	8
12	Validation and Statistical Power Comparison of Methods for Analyzing Free-response Observer Performance Studies. <i>Academic Radiology</i> , 2008, 15, 1554-1566.	1.3	92
13	Dose dependence of mass and microcalcification detection in digital mammography: Free response human observer studies. <i>Medical Physics</i> , 2007, 34, 400-407.	1.6	72
14	Spatial Localization Accuracy of Radiologists in Free-Response Studies: Inferring Perceptual FROC Curves from Mark-Rating Data. <i>Academic Radiology</i> , 2007, 14, 4-18.	1.3	31
15	Analysis of Location Specific Observer Performance Data: Validated Extensions of the Jackknife Free-Response (JAFROC) Method. <i>Academic Radiology</i> , 2006, 13, 1187-1193.	1.3	123
16	An alternate method for using a visual discrimination model (VDM) to optimize softcopy display image quality. <i>Journal of the Society for Information Display</i> , 2006, 14, 921.	0.8	0
17	Observer studies involving detection and localization: Modeling, analysis, and validation. <i>Medical Physics</i> , 2004, 31, 2313-2330.	1.6	311