

# Srinivasan Vedantham

## List of Publications by Year in descending order

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150  
papers

2,659  
citations

249298

26  
h-index

242451

47  
g-index

156  
all docs

156  
docs citations

156  
times ranked

2304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cone-beam breast CT using an offset detector: effect of detector offset and image reconstruction algorithm. <i>Physics in Medicine and Biology</i> , 2022, 67, 085008.	1.6	4
2	Breast Cancer Screening: Opportunities and Challenges with Fully 3D Tomographic X-Ray Imaging.. <i>Bridge</i> , 2022, 52, 33-42.	1.0	0
3	Comparison of magnetic resonance defecography grading with POP-Q staging and Badenâ€“Walker grading in the evaluation of female pelvic organ prolapse. <i>Abdominal Radiology</i> , 2021, 46, 1373-1380.	1.0	8
4	Optical conductivity of triple point fermions. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 125701.	0.7	5
5	Radiation dosimetry of a clinical prototype dedicated coneâ€“beam breast CT system with offset detector. <i>Medical Physics</i> , 2021, 48, 1079-1088.	1.6	6
6	Performance of overnight on-call radiology residents in interpreting unenhanced abdominopelvic magnetic resonance imaging studies performed for pediatric right lower quadrant abdominal pain. <i>Pediatric Radiology</i> , 2021, 51, 1378-1385.	1.1	1
7	Rapid high-resolution volumetric T1 mapping using a highly accelerated stack-of-stars Look Locker technique. <i>Magnetic Resonance Imaging</i> , 2021, 79, 28-37.	1.0	7
8	Ultrasound Imaging Morphology is Associated with Biological Behavior in Invasive Ductal Carcinoma of the Breast. <i>Journal of Clinical Imaging Science</i> , 2021, 11, 48.	0.4	1
9	Abbreviated MRI of the foot in patients with suspected osteomyelitis. <i>Emergency Radiology</i> , 2020, 27, 9-16.	1.0	5
10	A residual dense network assisted sparse view reconstruction for breast computed tomography. <i>Scientific Reports</i> , 2020, 10, 21111.	1.6	13
11	Dedicated cone-beam breast CT using laterally-shifted detector geometry: Quantitative analysis of feasibility for clinical translation. <i>Journal of X-Ray Science and Technology</i> , 2020, 28, 405-426.	0.7	10
12	Joint Optimization of Collimator and Reconstruction Parameters in X-Ray Fluorescence Computed Tomography Using Analytical Point Spread Function and Model Observer. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 2443-2452.	2.5	1
13	Cone-beam breast computed tomography using ultra-fast image reconstruction with constrained, total-variation minimization for suppression of artifacts. <i>Physica Medica</i> , 2020, 73, 117-124.	0.4	12
14	Sparse-view, short-scan, dedicated cone-beam breast computed tomography: image quality assessment. <i>Biomedical Physics and Engineering Express</i> , 2020, 6, 065015.	0.6	5
15	Quantitative metric for assessment of pancreatic ductal adenocarcinoma treatment response in T1-weighted gadolinium-enhanced magnetic resonance imaging. <i>Annals of Pancreatic Cancer</i> , 2020, 3, .	1.2	0
16	Rapid highâ€“resolution T<sub>1</sub> mapping using a highly accelerated radial steadyâ€“state freeâ€“precession technique. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 239-252.	1.9	10
17	Investigation of transmission computed tomography (CT) image quality and x-ray dose achievable from an experimental dual-mode benchtop x-ray fluorescence CT and transmission CT system. <i>Journal of X-Ray Science and Technology</i> , 2019, 27, 431-442.	0.7	4
18	First-Line Diagnostic Evaluation with MRI of Children Suspected of Having Acute Appendicitis. <i>Radiology</i> , 2019, 291, 170-177.	3.6	29

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19	Digital breast tomosynthesis: Image acquisition principles and artifacts. <i>Clinical Imaging</i> , 2019, 55, 188-195.	0.8	21
20	Improved Detection of Pelvic Organ Prolapse: Comparative Utility of Defecography Phase Sequence to Nondefecography Valsalva Maneuvers in Dynamic Pelvic Floor Magnetic Resonance Imaging. <i>Current Problems in Diagnostic Radiology</i> , 2019, 48, 342-347.	0.6	26
21	Positive Predictive Value of Tomosynthesis-guided Biopsies of Architectural Distortions Seen on Digital Breast Tomosynthesis and without an Ultrasound Correlate. <i>Journal of Clinical Imaging Science</i> , 2019, 9, 53.	0.4	12
22	Acute thrombus formation on phosphorilcholine surface modified flow diverters. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 406-411.	2.0	58
23	No Incidence of Nephrogenic Systemic Fibrosis after Gadobenate Dimeglumine Administration in Patients Undergoing Dialysis or Those with Severe Chronic Kidney Disease. <i>Radiology</i> , 2018, 286, 113-119.	3.6	12
24	Emerging Breast Imaging Technologies on the Horizon. <i>Seminars in Ultrasound, CT and MRI</i> , 2018, 39, 114-121.	0.7	4
25	Newer Technologies in Breast Cancer Imaging: Dedicated Cone-Beam Breast Computed Tomography. <i>Seminars in Ultrasound, CT and MRI</i> , 2018, 39, 106-113.	0.7	31
26	The role of off-focus radiation in scatter correction for dedicated cone beam breast CT. <i>Medical Physics</i> , 2018, 45, 191-201.	1.6	11
27	Unifocal Invasive Lobular Carcinoma: Tumor Size Concordance Between Preoperative Ultrasound Imaging and Postoperative Pathology. <i>Clinical Breast Cancer</i> , 2018, 18, e1367-e1372.	1.1	7
28	Towards standardization of x-ray beam filters in digital mammography and digital breast tomosynthesis: Monte Carlo simulations and analytical modelling. <i>Physics in Medicine and Biology</i> , 2017, 62, 1969-1993.	1.6	9
29	Revisiting the indirect signs of a temporal bone fracture: air, air, everywhere. <i>Emergency Radiology</i> , 2017, 24, 497-503.	1.0	6
30	X-ray scatter correction for dedicated cone beam breast CT using a forward-projection model. <i>Medical Physics</i> , 2017, 44, 2312-2320.	1.6	19
31	In situ tissue engineering: endothelial growth patterns as a function of flow diverter design. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 994-998.	2.0	32
32	The Relevance of Ultrasound Imaging of Suspicious Axillary Lymph Nodes and Fine-needle Aspiration Biopsy in the Post-ACOSOG Z11 Era in Early Breast Cancer. <i>Academic Radiology</i> , 2017, 24, 308-315.	1.3	17
33	Surpass Flow Diverter for Treatment of Posterior Circulation Aneurysms. <i>American Journal of Neuroradiology</i> , 2017, 38, 582-589.	1.2	41
34	Reduced Patient Radiation Exposure during Neurodiagnostic and Interventional X-Ray Angiography with a New Imaging Platform. <i>American Journal of Neuroradiology</i> , 2017, 38, 442-449.	1.2	10
35	Should We Be Concerned? Comparison of Catheter and CT Angiogram for Arterial Distensibility at the Site of Carotid Stenosis during Catheter Angiography. <i>Open Journal of Medical Imaging</i> , 2017, 07, 237-247.	0.1	0
36	Scintillator performance considerations for dedicated breast computed tomography. , 2017, , .		1

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37	A framework for optimizing micro-CT in dual-modality micro-CT/XFCT small-animal imaging system. , 2017, , .		1
38	Tissue Substitute Materials for Diagnostic X-ray Imaging. , 2017, , 1107-1134.		0
39	Library based x-ray scatter correction for dedicated cone beam breast CT. Medical Physics, 2016, 43, 4529-4544.	1.6	30
40	Photon-counting hexagonal pixel array CdTe detector: Spatial resolution characteristics for image-guided interventional applications. Medical Physics, 2016, 43, 2118-2130.	1.6	8
41	Effects of breast density and compression on normal breast tissue hemodynamics through breast tomosynthesis guided near-infrared spectral tomography. Journal of Biomedical Optics, 2016, 21, 091316.	1.4	2
42	O-029â€¦Acute Thrombus Formation on Flow Diverters Imaged In Vivo Using Optical Coherence Tomography. Journal of NeuroInterventional Surgery, 2016, 8, A19.2-A20.	2.0	0
43	Overview and a Word of Thanks. Medical Physics, 2016, 43, 3215-3216.	1.6	0
44	Library-based scatter correction for dedicated cone beam breast CT: a feasibility study. Proceedings of SPIE, 2016, , .	0.8	4
45	Tu1700 Radiomics of Computed Tomography (CT) Liver Scans: A Novel Method to Evaluate Liver Cirrhosis and Steatosis. Gastroenterology, 2016, 150, S1166-S1167.	0.6	0
46	WE-DE-207B-10: Library-Based X-Ray Scatter Correction for Dedicated Cone-Beam Breast CT: Clinical Validation. Medical Physics, 2016, 43, 3819-3819.	1.6	0
47	MO-FG-CAMPUS-IeP1-01: Alternative K-Edge Filters for Low-Energy Image Acquisition in Contrast Enhanced Spectral Mammography. Medical Physics, 2016, 43, 3716-3716.	1.6	0
48	WE-DE-207B-08: Towards Standardization of X-Ray Filters in Digital Mammography-Enabled Breast Tomosynthesis Systems. Medical Physics, 2016, 43, 3819-3819.	1.6	0
49	WE-FG-207A-00: Advances in Dedicated Breast CT. Medical Physics, 2016, 43, 3829-3830.	1.6	0
50	WE-FG-207A-01: Introduction to Dedicated Breast CT - Early Studies. Medical Physics, 2016, 43, 3829-3830.	1.6	0
51	WE-DE-207B-12: Scatter Correction for Dedicated Cone Beam Breast CT Based On a Forward Projection Model. Medical Physics, 2016, 43, 3820-3820.	1.6	0
52	SU-D-206-06: Task-Specific Optimization of Scintillator Thickness for CMOS-Detector Based Cone-Beam Breast CT. Medical Physics, 2016, 43, 3346-3346.	1.6	2
53	Calibration and optimization of 3D digital breast tomosynthesis guided near infrared spectral tomography. Biomedical Optics Express, 2015, 6, 4981.	1.5	13
54	Digital breast tomosynthesis guided near infrared spectroscopy: volumetric estimates of fibroglandular fraction and breast density from tomosynthesis reconstructions. Biomedical Physics and Engineering Express, 2015, 1, 045202.	0.6	10

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55	Radiologic image formation: physical principles, technology, and radiation dose considerations. , 2015, , 667-687.		1
56	Overview and a Word of Thanks. Medical Physics, 2015, 42, 3095-3096.	1.6	0
57	Skull fractures in pediatric patients on computerized tomogram: comparison between routing bone window images and 3D volume-rendered images. Emergency Radiology, 2015, 22, 367-372.	1.0	4
58	Effect of needle gauge and lobe laterality on parenchymal liver biopsy outcome: a retrospective analysis. Abdominal Imaging, 2015, 40, 1223-1229.	2.0	11
59	Shear-Activated Nanoparticle Aggregates Combined With Temporary Endovascular Bypass to Treat Large Vessel Occlusion. Stroke, 2015, 46, 3507-3513.	1.0	39
60	Molecular Basis of Breast Cancer Imaging. Molecular Pathology Library, 2015, , 1-14.	0.1	1
61	Digital Breast Tomosynthesis: State of the Art. Radiology, 2015, 277, 663-684.	3.6	170
62	Aneurysm permeability following coil embolization: packing density and coil distribution. Journal of NeuroInterventional Surgery, 2015, 7, 676-681.	2.0	25
63	TU-CD-207-10: Dedicated Cone-Beam Breast CT: Design of a 3-D Beam-Shaping Filter. Medical Physics, 2015, 42, 3612-3612.	1.6	1
64	WEâ€¢Gâ€¢204â€¢03: Photonâ€¢Counting Hexagonal Pixel Array CdTe Detector: Optimal Resampling to Square Pixels. Medical Physics, 2015, 42, 3694-3694.	1.6	1
65	WEâ€¢Fâ€¢207â€¢06: Dedicated Coneâ€¢Beam Breast CT with Laterallyâ€¢Shifted Detector: Monte Carlo Evaluation of Xâ€¢Ray Scatter Distribution and Scatterâ€¢Toâ€¢Primary Ratio. Medical Physics, 2015, 42, 3682-3682.	1.6	0
66	TUâ€¢Fâ€¢207â€¢05: Dedicated Coneâ€¢Beam Breast CT. Medical Physics, 2015, 42, 3623-3623.	1.6	0
67	MOâ€¢Fâ€¢CAMPUSâ€¢1â€¢01: Accuracy of Radiologists Interpretation of Mammographic Breast Density. Medical Physics, 2015, 42, 3574-3575.	1.6	0
68	Large-angle x-ray scatter in Talbotâ€¢Lau interferometry for breast imaging. Physics in Medicine and Biology, 2014, 59, 6387-6400.	1.6	7
69	Myeloperoxidase in Human Intracranial Aneurysms. Stroke, 2014, 45, 1474-1477.	1.0	51
70	E-060â€¢...Effect of Packing Density and Coil Uniformity on Coil Permeability. Journal of NeuroInterventional Surgery, 2014, 6, A66.2-A67.	2.0	2
71	The Potential Role of Dedicated 3D Breast CT as a Diagnostic Tool: Review and Early Clinical Examples. Breast Journal, 2014, 20, 592-605.	0.4	67
72	Digital Breast Tomosynthesis Guided Near-Infrared Spectral Tomography: Early Clinical Results. , 2014, , .		1

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73	Dedicated Breast CT: Feasibility for Monitoring Neoadjuvant Chemotherapy Treatment. Journal of Clinical Imaging Science, 2014, 4, 64.	0.4	18
74	SU-E-I-54: Volumetric Breast Density: Comparison of Estimates From Tomosynthesis Reconstructions with Mammography. Medical Physics, 2014, 41, 142-142.	1.6	0
75	Scaling law for the energy dependence of anatomic power spectrum in dedicated breast CT. Medical Physics, 2013, 40, 011901.	1.6	16
76	Medical Physics, 2013, 40, 041906.	1.6	21
77	Technical Note: Skin thickness measurements using high-resolution flat-panel cone-beam dedicated	1.6	37
78	Personalized estimates of radiation dose from dedicated breast CT in a diagnostic population and comparison with diagnostic mammography. Physics in Medicine and Biology, 2013, 58, 7921-7936.	1.6	46
79	Dedicated breast CT: geometric design considerations to maximize posterior breast coverage. Physics in Medicine and Biology, 2013, 58, 4099-4118.	1.6	17
80	Reduction of Coil Mass Artifacts in High-Resolution Flat Detector Conebeam CT of Cerebral Stent-Assisted Coiling. American Journal of Neuroradiology, 2013, 34, 2163-2170.	1.2	45
81	SU-E-I-01: Radiation Dose Reduction and Image Quality Evaluation of Coronal Truncated Projections in Cone-Beam Dedicated Breast CT. Medical Physics, 2013, 40, 124-125.	1.6	2
82	WE-G-103-04: X-Ray Scatter in Differential Phase-Contrast Breast Imaging Using Gratings-Based Interferometer. Medical Physics, 2013, 40, 510-510.	1.6	0
83	Dedicated breast CT: Fibroglandular volume measurements in a diagnostic population. Medical Physics, 2012, 39, 7317-7328.	1.6	67
84	Dedicated breast CT: radiation dose for circle-plus-line trajectory. Medical Physics, 2012, 39, 1530-1541.	1.6	26
85	TU-E-217BCD-05: Dedicated Breast CT: Skin Thickness Measurements in a Diagnostic Population. Medical Physics, 2012, 39, 3914-3915.	1.6	3
86	SU-E-I-61: Phantom Design for Phase Contrast Breast Imaging. Medical Physics, 2012, 39, 3638-3639.	1.6	0
87	Semi-automated segmentation and classification of digital breast tomosynthesis reconstructed images. , 2011, 2011, 6188-91.		11
88	SU-E-I-150: Cone-Beam Artifacts in Dedicated Breast CT. Medical Physics, 2011, 38, 3430-3431.	1.6	2
89	SU-E-I-97: A Protocol for Attenuation Characterization of Neurovascular Devices under Fluoroscopic Conditions. Medical Physics, 2011, 38, 3418-3418.	1.6	0
90	Modeling the Performance Characteristics of Computed Radiography (CR) Systems. IEEE Transactions on Medical Imaging, 2010, 29, 790-806.	5.4	21

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91	SU-CC-181: Noise Characterization of a Clinical Flat-Panel Cone-Beam Computed Tomography (CBCT) System. Medical Physics, 2010, 37, 3143-3143.	1.6	1
92	WE-CC-201C-01: Perspective on the Developing Modalities for Breast Cancer Imaging. Medical Physics, 2010, 37, 3424-3425.	1.6	0
93	TH-D-201B-02: Modeling the Performance Characteristics of a "Dual-Side" Read Computed Radiography System for Mammography. Medical Physics, 2010, 37, 3472-3472.	1.6	0
94	Breast cancer imaging: A perspective for the next decade. Medical Physics, 2008, 35, 4878-4897.	1.6	106
95	Monte Carlo and Phantom Study of the Radiation Dose to the Body from Dedicated CT of the Breast. Radiology, 2008, 247, 98-105.	3.6	23
96	Radiation Dose to Organs and Tissues from Mammography: Monte Carlo and Phantom Study. Radiology, 2008, 246, 434-443.	3.6	78
97	Detection of Simulated Microcalcifications in a Phantom with Digital Mammography: Effect of Pixel Size. Radiology, 2007, 244, 130-137.	3.6	19
98	Scatter radiation in digital tomosynthesis of the breast. Medical Physics, 2007, 34, 564-576.	1.6	76
99	SU-FF-1-97: Feasibility of Low Dose X-Ray Contrast Enhanced Digital Mammography with Gold Nanoparticles. Medical Physics, 2007, 34, 2360-2360.	1.6	2
100	WE-E-L100J-05: Radiation Dose to Tissues From Mammography. Medical Physics, 2007, 34, 2606-2606.	1.6	0
101	TH-C-L100F-10: Monte Carlo Coupled Modeling of a Computed Radiography System. Medical Physics, 2007, 34, 2621-2621.	1.6	0
102	Computation of the glandular radiation dose in digital tomosynthesis of the breast. Medical Physics, 2006, 34, 221-232.	1.6	124
103	Theoretical analysis of high-resolution digital mammography. Physics in Medicine and Biology, 2006, 51, 3041-3055.	1.6	16
104	SU-DD-A4-05: Characterization of X-Ray Scatter and Glandular Dose in Digital Tomosynthesis for Breast Imaging Using Monte Carlo Simulations. Medical Physics, 2006, 33, 1990-1990.	1.6	1
105	SU-FF-I-12: Validation of Geant4's Predictions On X-Ray Scatter and Glandular Dose in Pendant-Geometry Cone-Beam Breast CT. Medical Physics, 2006, 33, 1999-1999.	1.6	3
106	WE-E-330D-03: Feasibility of High-Resolution Contrast Enhanced Digital Mammography. Medical Physics, 2006, 33, 2252-2252.	1.6	0
107	An Efficient, Novel Microstrip Collector Architecture for Digital Radiographic Imaging CZT Semiconductor Sensors. IEEE Transactions on Instrumentation and Measurement, 2005, 54, 1144-1149.	2.4	2
108	High-resolution imager for digital mammography: physical characterization of a prototype sensor. Physics in Medicine and Biology, 2005, 50, 3957-3969.	1.6	18

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109	Detection of Simulated Lesions on Data-compressed Digital Mammograms. <i>Radiology</i> , 2005, 236, 31-36.	3.6	20
110	SU-FF-I-35: Scatter Correction For Digital Tomosynthesis. <i>Medical Physics</i> , 2005, 32, 1911-1912.	1.6	2
111	Solid-state fluoroscopic imager for high-resolution angiography: Physical characteristics of an 8 cm $\times$ 8 cm experimental prototype. <i>Medical Physics</i> , 2004, 31, 1462-1472.	1.6	12
112	Solid-state fluoroscopic imager for high-resolution angiography: Parallel-cascaded linear systems analysis. <i>Medical Physics</i> , 2004, 31, 1258-1268.	1.6	41
113	Detective Quantum Efficiency [DQE(0)] of CZT Semiconductor Detectors for Digital Radiography. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2004, 53, 1479-1484.	2.4	1
114	A Perceptual Evaluation of JPEG 2000 Image Compression for Digital Mammography: Contrast-Detail Characteristics. <i>Journal of Digital Imaging</i> , 2004, 17, 64-70.	1.6	30
115	Physical characteristics of a full-field digital mammography system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 533, 560-570.	0.7	40
116	Intrinsic sensitivity of Cd <sub>1-x</sub> Zn <sub>x</sub> Te semiconductors for digital radiographic imaging. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2003, 52, 1559-1565.	2.4	0
117	Signal dispersion measurements on the gas detector volume of a dual-energy multimedia digital imaging sensor. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2003, 52, 1566-1572.	2.4	0
118	Detection in compressed digital mammograms using numerical observers. , 2003, , .		6
119	Theoretical and empirical characterization of the physical characteristics of a clinical digital mammography system. , 2003, , .		2
120	New design of a structured CsI(Tl) screen for digital mammography. , 2003, , .		18
121	Flat-Panel Digital Mammography System: Contrast-Detail Comparison between Screen-Film Radiographs and Hard-Copy Images. <i>Radiology</i> , 2002, 225, 801-807.	3.6	81
122	<title>Investigation of optimal kVp settings for CT mammography using a flat-panel imager</title>. , 2002, 4682, 392.		43
123	<title>Screen film versus digital mammography: a perceptual analysis of postprocessed hard copy images</title>. , 2002, , .		0
124	Evaluation of Linear and Nonlinear Tomosynthetic Reconstruction Methods in Digital Mammography. <i>Academic Radiology</i> , 2001, 8, 219-224.	1.3	86
125	Theoretical analysis of hybrid flat-panel detector arrays for digital x-ray fluoroscopy: general sys. <i>IEEE Sensors Journal</i> , 2001, 1, 168.	2.4	4
126	Signal-to-noise measurements utilizing a novel dual-energy multimedia detector. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2001, 50, 910-914.	2.4	3



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127	Detected contrast and dynamic range measurements of CdZnTe semiconductors for flat-panel digital radiography. IEEE Transactions on Instrumentation and Measurement, 2001, 50, 1604-1609.	2.4	3
128	Optimization of the temporal response of II-VI direct type semiconductor detectors for flat-panel pulsed X-ray imaging. IEEE Transactions on Instrumentation and Measurement, 2001, 50, 1610-1614.	2.4	0
129	Breast imaging using an amorphous silicon-based full-field digital mammographic system: Stability of a clinical prototype. Journal of Digital Imaging, 2000, 13, 191-199.	1.6	15
130	Response to "Comment on "Full breast digital mammography with an amorphous silicon-based flat panel detector: Physical characteristics of a clinical prototype" [Med. Phys. 27, 2192 (2000)]. Medical Physics, 2000, 27, 2193-2193.	1.6	0
131	Mammographic imaging with a small format CCD-based digital cassette: Physical characteristics of a clinical system. Medical Physics, 2000, 27, 1832-1840.	1.6	48
132	Full breast digital mammography with an amorphous silicon-based flat panel detector: Physical characteristics of a clinical prototype. Medical Physics, 2000, 27, 558-567.	1.6	228
133	Comparison of tomosynthesis methods used with digital mammography. Academic Radiology, 2000, 7, 1085-1097.	1.3	128
134	Timing characteristics of a Cd/sub 1-x/Zn/sub x/Te detector-based X-ray imaging system. IEEE Transactions on Instrumentation and Measurement, 1999, 48, 909-914.	2.4	4
135	Study of detection efficiency of Cd/sub 1-x/Zn/sub x/Te detectors for digital radiography. IEEE Transactions on Instrumentation and Measurement, 1998, 47, 244-251.	2.4	19
136	Sensitometric response of Cd/sub 1-x/Zn/sub x/Te detectors for chest radiography. IEEE Transactions on Instrumentation and Measurement, 1998, 47, 252-255.	2.4	21
137	Detection characterization of Cd 1-x Zn x Te detectors for x-ray linear arrays. , 1998, , .		0
138	<title>Novel hybrid imaging modalities</title>. , 1997, , .		14
139	<title>Contrast resolution study of CdZnTe detectors for medical imaging</title>. , 1997, 3032, 451.		5
140	<title>Evaluation of a CdZnTe dual-energy system</title>. , 1997, 3032, 469.		6
141	<title>Evaluation of a gas-microstrip dual-energy system</title>. , 1997, 3032, 488.		0
142	<title>Feasibility study of a gas microstrip detector for medical applications</title>. , 1997, 3032, 459.		14
143	<title>Electrical characterization of CdZnTe imaging detectors for digital radiography</title>. , 1997, , .		6
144	Optimization of Cd <sub>1-x</sub> Zn <sub>x</sub> Te Detectors for Digital Radiography. Journal of X-Ray Science and Technology, 1997, 7, 37-49.	0.7	26

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145	Electric Field Dependence on Charge Collection of CdZnTe X-Ray Detectors. Journal of X-Ray Science and Technology, 1997, 7, 198-210.	0.7	23
146	<title>Novel multimedia detectors for medical imaging</title>. , 1996, , .		13
147	<title>Progress in gas detector technology for medical imaging research</title>. , 1996, 2708, 771.		0
148	Line Spread Function Study of Kinestatic Charge Detectors Operating at High Gas Pressures. Journal of X-Ray Science and Technology, 1996, 6, 343-358.	0.7	0
149	Collection efficiency of CdZnTe detectors. , 0, , .		7
150	Detectors for digital mammography. , 0, , 1-17.		0