Sarabjeet Singh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11505694/publications.pdf

Version: 2024-02-01

53	2,660	257450	182427
papers	citations	24 h-index	51 g-index

54	54	54	2326
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Point Organ Radiation Dose in Abdominal CT: Effect of Patient Off-Centering in an Experimental Human Cadaver Study. Radiation Protection Dosimetry, 2017, 175, 440-449.	0.8	4
2	A new technique to characterize CT scanner bowâ€tie filter attenuation and applications in human cadaver dosimetry simulations. Medical Physics, 2015, 42, 6274-6282.	3.0	13
3	Assessment of Filtered Back Projection, Adaptive Statistical, and Model-Based Iterative Reconstruction for Reduced Dose Abdominal Computed Tomography. Journal of Computer Assisted Tomography, 2015, 39, 462-467.	0.9	25
4	Ultralow-Dose Abdominal Computed Tomography. Journal of Computer Assisted Tomography, 2015, 39, 489-498.	0.9	14
5	Quantification of interstitial fluid on whole body CT: comparison with whole body autopsy. Forensic Science, Medicine, and Pathology, 2015, 11, 488-496.	1.4	7
6	Simplifying Size-Specific Radiation Dose Estimates in Pediatric CT. American Journal of Roentgenology, 2015, 204, 167-176.	2.2	38
7	Tube Potential and CT Radiation Dose Optimization. American Journal of Roentgenology, 2015, 204, W4-W10.	2.2	60
8	Dose reduction in pediatric abdominal CT: use of iterative reconstruction techniques across different CT platforms. Pediatric Radiology, 2015, 45, 1046-1055.	2.0	46
9	Iterative Reconstruction Techniques in Abdominopelvic CT: Technical Concepts and Clinical Implementation. American Journal of Roentgenology, 2015, 205, W19-W31.	2.2	59
10	Dose reduction for chest CT: comparison of two iterative reconstruction techniques. Acta Radiologica, 2015, 56, 688-695.	1.1	20
11	Radiation Exposure From CT-Guided Ablation of Renal Masses: Effects on Life Expectancy. American Journal of Roentgenology, 2015, 204, 335-342.	2.2	13
12	CT Radiation Dose and Iterative Reconstruction Techniques. American Journal of Roentgenology, 2015, 204, W384-W392.	2.2	181
13	Ultra-low dose abdominal MDCT: Using a knowledge-based Iterative Model Reconstruction technique for substantial dose reduction in a prospective clinical study. European Journal of Radiology, 2015, 84, 2-10.	2.6	46
14	Standardized CT protocols and nomenclature: better, but not yet there. Pediatric Radiology, 2014, 44, 440-443.	2.0	5
15	In vitro dose measurements in a human cadaver with abdomen/pelvis CT scans. Medical Physics, 2014, 41, 091911.	3.0	9
16	Submillisievert Chest CT With Filtered Back Projection and Iterative Reconstruction Techniques. American Journal of Roentgenology, 2014, 203, 772-781.	2.2	46
17	Entrance skin dosimetry and size-specific dose estimate fromÂpediatric chest CTA. Journal of Cardiovascular Computed Tomography, 2014, 8, 97-107.	1.3	21
18	Depiction of celiac ganglia on positron emission tomography and computed tomography in patients with lung cancer. Clinical Imaging, 2014, 38, 292-295.	1.5	6

#	Article	IF	Citations
19	Ultra low-dose chest CT using filtered back projection: Comparison of 80-, 100- and 120kVp protocols in a prospective randomized study. European Journal of Radiology, 2014, 83, 1934-1944.	2.6	24
20	What Is the Minimal Radiation Dose That Can Be Used for Detecting Pleural Effusion?. American Journal of Roentgenology, 2014, 203, 118-122.	2.2	1
21	Radiation Dose Optimization and Thoracic Computed Tomography. Radiologic Clinics of North America, 2014, 52, 1-15.	1.8	35
22	Size-specific dose estimates: Localizer or transverse abdominal computed tomography images?. World Journal of Radiology, 2014, 6, 210.	1.1	19
23	Role of Compressive Sensing Technique in Dose Reduction for Chest Computed Tomography. Journal of Computer Assisted Tomography, 2014, 38, 760-767.	0.9	4
24	Computed Tomography (CT) of the Chest at Less Than 1 mSv. Journal of Computer Assisted Tomography, 2014, 38, 613-619.	0.9	51
25	Preliminary Results. Journal of Computer Assisted Tomography, 2014, 38, 117-122.	0.9	11
26	Effect of Localizer Radiograph on Radiation Dose Associated With Automatic Exposure Control. Journal of Computer Assisted Tomography, 2014, 38, 293-298.	0.9	29
27	High Fidelity System Modeling for High Quality Image Reconstruction in Clinical CT. PLoS ONE, 2014, 9, e111625.	2.5	3
28	Sinogram-Affirmed Iterative Reconstruction of Low-Dose Chest CT: Effect on Image Quality and Radiation Dose. American Journal of Roentgenology, 2013, 201, W235-W244.	2.2	65
29	Co-registered image quality comparison in hybrid iterative reconstruction techniques: SAFIRE and SafeCT. , 2013, , .		3
30	Patients with Testicular Cancer Undergoing CT Surveillance Demonstrate a Pitfall of Radiation-induced Cancer Risk Estimates: The Timing Paradox. Radiology, 2013, 266, 896-904.	7.3	35
31	Iterative Image Reconstruction and Its Role in Cardiothoracic Computed Tomography. Journal of Thoracic Imaging, 2013, 28, 355-367.	1.5	20
32	Whole spine CT for evaluation of scoliosis in children: Feasibility of sub-milliSievert scanning protocol. Acta Radiologica, 2013, 54, 226-230.	1.1	22
33	Radiation dose reduction for chest CT with non-linear adaptive filters. Acta Radiologica, 2013, 54, 169-174.	1.1	5
34	Vaginal Hysterectomy by Electrosurgery for Benign Indications Associated with Previous Cesarean Section. Journal of Gynecologic Surgery, 2013, 29, 7-12.	0.1	10
35	Application of Shielding in CT Radiation Dose Reduction. Medical Radiology, 2012, , 183-194.	0.1	1
36	Radiation Dose Reduction with Hybrid Iterative Reconstruction for Pediatric CT. Radiology, 2012, 263, 537-546.	7.3	127

#	Article	IF	Citations
37	Radiation Dose Reduction With Sinogram Affirmed Iterative Reconstruction Technique for Abdominal Computed Tomography. Journal of Computer Assisted Tomography, 2012, 36, 339-346.	0.9	154
38	Comparison of Hybrid and Pure Iterative Reconstruction Techniques With Conventional Filtered Back Projection. Journal of Computer Assisted Tomography, 2012, 36, 347-353.	0.9	126
39	Radiation dose reduction with application of non-linear adaptive filters for abdominal CT. World Journal of Radiology, 2012, 4, 21.	1.1	4
40	Pointers for Optimizing Radiation Dose in Pediatric CT Protocols. Journal of the American College of Radiology, 2012, 9, 77-79.	1.8	12
41	Ablation margin assessment of liver tumors with intravenous contrast-enhanced C-arm computed tomography. World Journal of Radiology, 2012, 4, 102.	1.1	8
42	CT Radiation Dose Reduction by Modifying Primary Factors. Journal of the American College of Radiology, 2011, 8, 369-372.	1.8	28
43	Pointers for Optimizing Radiation Dose in Head CT Protocols. Journal of the American College of Radiology, 2011, 8, 591-593.	1.8	8
44	Automatic Exposure Control in CT: Applications and Limitations. Journal of the American College of Radiology, 2011, 8, 446-449.	1.8	32
45	Pointers for Optimizing Radiation Dose in Chest CT Protocols. Journal of the American College of Radiology, 2011, 8, 663-665.	1.8	11
46	Pointers for Optimizing Radiation Dose in Abdominal CT Protocols. Journal of the American College of Radiology, 2011, 8, 731-734.	1.8	8
47	Conventional and Newer Reconstruction Techniques in CT. Medical Radiology, 2011, , 143-156.	0.1	0
48	Adaptive Statistical Iterative Reconstruction Technique for Radiation Dose Reduction in Chest CT: A Pilot Study. Radiology, 2011, 259, 565-573.	7.3	351
49	Current status of low dose multi-detector CT in the urinary tract. World Journal of Radiology, 2011, 3, 256.	1.1	28
50	Radiation Dose Reduction With Chest Computed Tomography Using Adaptive Statistical Iterative Reconstruction Technique. Journal of Computer Assisted Tomography, 2010, 34, 40-45.	0.9	171
51	Abdominal CT: Comparison of Adaptive Statistical Iterative and Filtered Back Projection Reconstruction Techniques. Radiology, 2010, 257, 373-383.	7.3	398
52	In-Plane Shielding for CT: Effect of Off-Centering, Automatic Exposure Control and Shield-to-Surface Distance. Korean Journal of Radiology, 2009, 10, 156.	3.4	64
53	Dose Reduction and Compliance with Pediatric CT Protocols Adapted to Patient Size, Clinical Indication, and Number of Prior Studies. Radiology, 2009, 252, 200-208.	7.3	176