

Donald P Frush

List of Publications by Year in descending order

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Version: 2024-02-01

251
papers

10,854
citations

28274

55
h-index

38395

95
g-index

258
all docs

258
docs citations

258
times ranked

6593
citing authors

#	ARTICLE	IF	CITATIONS
1	U.S. Diagnostic Reference Levels and Achievable Doses for 10 Pediatric CT Examinations. <i>Radiology</i> , 2022, 302, 164-174.	7.3	29
2	Changing the practice of routine gonadal shielding during radiography: â€™â€™?. <i>Pediatric Radiology</i> , 2022, 52, 7-9.	2.0	2
3	Looking critically at the paradigm of radiation exposure from multiple imaging examinations. <i>European Radiology</i> , 2022, , 1.	4.5	1
4	An Ounce of Prevention Is Worth a Pound of Cur(i)e. <i>Journal of the American College of Radiology</i> , 2022, , .	1.8	1
5	Cardiovascular computed tomography in pediatric congenital heart disease: A state of the art review. <i>Journal of Cardiovascular Computed Tomography</i> , 2022, 16, 467-482.	1.3	5
6	Patient-based Performance Assessment for Pediatric Abdominal CT: An Automated Monitoring System Based on Lesion Detectability and Radiation Dose. <i>Academic Radiology</i> , 2021, 28, 217-224.	2.5	5
7	Clinical concordance with Image Gently guidelines for pediatric computed tomography: a study across 663,417 CT scans at 53 clinical facilities. <i>Pediatric Radiology</i> , 2021, 51, 800-810.	2.0	5
8	Radiation use in diagnostic imaging in children: approaching the value of the pediatric radiology community. <i>Pediatric Radiology</i> , 2021, 51, 532-543.	2.0	11
9	Variability in image quality and radiation dose within and across 97 medical facilities. <i>Journal of Medical Imaging</i> , 2021, 8, 052105.	1.5	6
10	Comments on Computed Tomography for Evaluating Appendicitis. <i>JAMA Surgery</i> , 2021, 156, 1073.	4.3	1
11	The cumulative radiation dose paradigm in pediatric imaging. <i>British Journal of Radiology</i> , 2021, 94, 20210478.	2.2	8
12	Appropriate use criteria and computerized decision support for the pediatric population: background, Pediatric Rapid Response Committee and future direction. <i>Pediatric Radiology</i> , 2021, 51, 371-377.	2.0	2
13	Increasing the Utilization of Moderate Sedation Services for Pediatric Imaging. <i>Radiographics</i> , 2021, 41, 2127-2135.	3.3	2
14	Cumulative Radiation Dose From Medical Imaging in Children With Noncancerous Disease. <i>Journal of the American College of Radiology</i> , 2020, 17, 1547-1548.	1.8	3
15	Patient Exposure from Radiologic and Nuclear Medicine Procedures in the United States: Procedure Volume and Effective Dose for the Period 2006â€™2016. <i>Radiology</i> , 2020, 295, 418-427.	7.3	150
16	Radiation in Pediatric Imaging: A Primer for Pediatricians. <i>Pediatric Annals</i> , 2020, 49, e370-e373.	0.8	0
17	The Value of Value. <i>Journal of the American College of Radiology</i> , 2019, 16, 1726-1727.	1.8	0
18	A Simulation Paradigm for Evaluation of Subtle Liver Lesions at Pediatric CT: Performance and Confidence. <i>Radiology Imaging Cancer</i> , 2019, 1, e190027.	1.6	1

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19	Radiation Protection Responsibility in Medicine: A Wrap-up. <i>Health Physics</i> , 2019, 116, 279-281.	0.5	0
20	Expanding the Concept of Diagnostic Reference Levels to Noise and Dose Reference Levels in CT. <i>American Journal of Roentgenology</i> , 2019, 213, 889-894.	2.2	34
21	Variability in billing practices for whole-body magnetic resonance imaging: reply to Degnan et al.. <i>Pediatric Radiology</i> , 2019, 49, 154-154.	2.0	1
22	Bone manifestations in neuronopathic Gaucher disease while receiving high-dose enzyme replacement therapy. <i>Molecular Genetics and Metabolism</i> , 2019, 126, 157-161.	1.1	7
23	Using the American College of Radiology Dose Index Registry to Evaluate Practice Patterns and Radiation Dose Estimates of Pediatric Body CT. <i>American Journal of Roentgenology</i> , 2018, 210, 641-647.	2.2	14
24	Radiation dose management for pediatric cardiac computed tomography: a report from the Image Gently "Have-A-Heart"™ campaign. <i>Pediatric Radiology</i> , 2018, 48, 5-20.	2.0	38
25	Herman Grossman, MD, MS (1924-2018). <i>Pediatric Radiology</i> , 2018, 48, 897-898.	2.0	0
26	Current utilization and procedural practices in pediatric whole-body MRI. <i>Pediatric Radiology</i> , 2018, 48, 1101-1107.	2.0	34
27	Neuroimaging findings in infantile Pompe patients treated with enzyme replacement therapy. <i>Molecular Genetics and Metabolism</i> , 2018, 123, 85-91.	1.1	39
28	Image Gently Have-A-Heart Campaign. <i>Journal of the American College of Radiology</i> , 2018, 15, 372-373.	1.8	4
29	"Here"™s looking at you, kid™ " again? Revisiting multiphase CT in children. <i>Pediatric Radiology</i> , 2018, 48, 1711-1713.	2.0	2
30	Further evidence for the involvement of <i>EFL1</i> in a Shwachman-Diamond-like syndrome and expansion of the phenotypic features. <i>Journal of Physical Education and Sports Management</i> , 2018, 4, a003046.	1.2	29
31	Noncontrast Head CT in Children: National Variation in Radiation Dose Indices in the United States. <i>American Journal of Neuroradiology</i> , 2018, 39, 1400-1405.	2.4	12
32	Oral Contrast Agents for Pediatric CT and MR Enterography: It™s a Matter of Good Taste. <i>Radiology</i> , 2018, 288, 252-253.	7.3	2
33	Think A-Head Campaign of Image Gently: Shared Decision-Making in Pediatric Head Trauma. <i>American Journal of Neuroradiology</i> , 2018, 39, 1386-1389.	2.4	2
34	Pediatric Chest CT Diagnostic Reference Ranges: Development and Application. <i>Radiology</i> , 2017, 284, 219-227.	7.3	44
35	Children, medical radiation and the environment: An important dialogue. <i>Environmental Research</i> , 2017, 156, 358-363.	7.5	11
36	Image Gently: Getting It Right. <i>Journal of the American College of Radiology</i> , 2017, 14, 575-576.	1.8	6

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37	Radiation Safety in Children With Congenital and Acquired Heart Disease. JACC: Cardiovascular Imaging, 2017, 10, 797-818.	5.3	78
38	An Introduction to Radiation Sensibilities. Journal of the American College of Radiology, 2017, 14, 137.	1.8	2
39	The Image Gently Think A-Head Campaign: Keep Calm and Image Gently. Journal of the American College of Radiology, 2017, 14, 301-302.	1.8	5
40	Radiation, Risks, and â€¦ a Rational Approach in Diagnostic Imaging: What the Radiology Team Should Know. Journal of Radiology Nursing, 2017, 36, 10-14.	0.4	3
41	Informed Use of Medical Radiation in Diagnostic Imaging. Medical Radiology, 2017, , 37-48.	0.1	0
42	Radiation risk index for pediatric CT: a patient-derived metric. Pediatric Radiology, 2017, 47, 1737-1744.	2.0	18
43	Reconsidering the Value of Gonadal Shielding During Abdominal/Pelvic Radiography. Journal of the American College of Radiology, 2017, 14, 1635-1636.	1.8	14
44	Meeting the Needs for Radiation Protection. Health Physics, 2017, 112, 214-219.	0.5	5
45	Reply to Dr. Andronikou: Holding on to informed use of diagnostic imaging using ionizing radiation. Pediatric Radiology, 2017, 47, 119-121.	2.0	4
46	Image Gently: A Decade of International Collaborations to Promote Appropriate Imaging for Children. Journal of the American College of Radiology, 2017, 14, 956-957.	1.8	12
47	Size-based quality-informed framework for quantitative optimization of pediatric CT. Journal of Medical Imaging, 2017, 4, 1.	1.5	6
48	Counterpoint: Image Gently: Should It End or Endure?. Journal of the American College of Radiology, 2016, 13, 1199-1202.	1.8	9
49	Clinical and imaging considerations in primary immunodeficiency disorders: an update. Pediatric Radiology, 2016, 46, 1630-1644.	2.0	6
50	The Think A-Head campaign: an introduction to ImageGently 2.0. Pediatric Radiology, 2016, 46, 1774-1779.	2.0	11
51	Effects of automatic tube potential selection on radiation dose index, image quality, and lesion detectability in pediatric abdominopelvic CT and CTA: a phantom study. European Radiology, 2016, 26, 157-166.	4.5	10
52	Practice and Quality Improvement: Successful Implementation of TeamSTEPPS Tools Into an Academic Interventional Ultrasound Practice. American Journal of Roentgenology, 2015, 204, 105-110.	2.2	14
53	Automated Technique to Measure Noise in Clinical CT Examinations. American Journal of Roentgenology, 2015, 205, W93-W99.	2.2	89
54	Informed Consent for Radiation Risk from CT Is Unjustified Based on the Current Scientific Evidence. Radiology, 2015, 275, 321-325.	7.3	39

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55	Image Gently: toward optimizing the practice of pediatric CT through resources and dialogue. <i>Pediatric Radiology</i> , 2015, 45, 471-475.	2.0	18
56	Response to Letters Regarding Article, "Cumulative Radiation Exposure and Cancer Risk Estimation in Children With Heart Disease". <i>Circulation</i> , 2015, 131, e419-20.	1.6	1
57	Prospective estimation of organ dose in CT under tube current modulation. <i>Medical Physics</i> , 2015, 42, 1575-1585.	3.0	25
58	Feasibility of using the computed tomography dose indices to estimate radiation dose to partially and fully irradiated brains in pediatric neuroradiology examinations. <i>Physics in Medicine and Biology</i> , 2015, 60, 5699-5710.	3.0	2
59	Deciding why and when to use CT in children: a radiologist's perspective. <i>Pediatric Radiology</i> , 2014, 44, 404-408.	2.0	8
60	Overview of CT technologies for children. <i>Pediatric Radiology</i> , 2014, 44, 422-426.	2.0	10
61	Cumulative Radiation Exposure and Cancer Risk Estimation in Children With Heart Disease. <i>Circulation</i> , 2014, 130, 161-167.	1.6	192
62	The Image Gently ALARA CT summit on new CT technologies for children. <i>Pediatric Radiology</i> , 2014, 44, 403-403.	2.0	4
63	Applications of Justification and Optimization in Medical Imaging. <i>Journal of the American College of Radiology</i> , 2014, 11, 36-44.	1.8	25
64	Applications of Justification and Optimization in Medical Imaging: Examples of Clinical Guidance for Computed Tomography Use in Emergency Medicine. <i>Annals of Emergency Medicine</i> , 2014, 63, 25-32.	0.6	21
65	Whats and Whys With Neonatal CT. <i>Pediatrics</i> , 2014, 133, e1738-e1739.	2.1	4
66	Pediatric Chest and Abdominopelvic CT: Organ Dose Estimation Based on 42 Patient Models. <i>Radiology</i> , 2014, 270, 535-547.	7.3	51
67	Content and Style of Radiation Risk Communication for Pediatric Patients. <i>Journal of the American College of Radiology</i> , 2014, 11, 238-242.	1.8	20
68	Practice Patterns for the Use of Iodinated IV Contrast Media for Pediatric CT Studies: A Survey of the Society for Pediatric Radiology. <i>American Journal of Roentgenology</i> , 2014, 202, 872-879.	2.2	23
69	Prospective optimization of CT under tube current modulation: I. organ dose. , 2014, , .		3
70	The development of a population of 4D pediatric XCAT phantoms for CT imaging research and optimization. , 2014, , .		1
71	Medical Imaging Safety in the Developing World. , 2014, , 41-60.		1
72	Monitoring of Medical Radiation Exposure for Individuals. , 2014, , 69-83.		0

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73	An amazing accomplishment—CT manufacturers deserve our thanks. <i>Pediatric Radiology</i> , 2013, 43, 132-134.	2.0	7
74	Radiation Exposure from Medical Imaging. , 2013, , 63-79.		2
75	ABR Examinations: The Why, What, and How. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 237-245.	0.8	9
76	Compendium of Resources for Radiation Safety in Medical Imaging Using Ionizing Radiation. <i>Journal of the American College of Radiology</i> , 2013, 10, 354-360.e2.	1.8	5
77	Dose coefficients in pediatric and adult abdominopelvic CT based on 100 patient models. <i>Physics in Medicine and Biology</i> , 2013, 58, 8755-8768.	3.0	36
78	Comparison of Radiation Dose Estimates and Scan Performance in Pediatric High-Resolution Thoracic CT for Volumetric 320-Detector Row, Helical 64-Detector Row, and Noncontiguous Axial Scan Acquisitions. <i>Academic Radiology</i> , 2013, 20, 1152-1161.	2.5	21
79	Comparison of radiation dose estimates, image noise, and scan duration in pediatric body imaging for volumetric and helical modes on 320-detector CT and helical mode on 64-detector CT. <i>Pediatric Radiology</i> , 2013, 43, 1117-1127.	2.0	32
80	Diagnostic Reference Ranges for Pediatric Abdominal CT. <i>Radiology</i> , 2013, 268, 208-218.	7.3	102
81	Estimation of Radiation Exposure for Brain Perfusion CT: Standard Protocol Compared With Deviations in Protocol. <i>American Journal of Roentgenology</i> , 2013, 201, W730-W734.	2.2	31
82	Reply. <i>American Journal of Roentgenology</i> , 2013, 200, W535-W535.	2.2	0
83	Radiation Protection and Dose Monitoring in Medical Imaging. <i>Journal of Patient Safety</i> , 2013, 9, 232-238.	1.7	25
84	Basilar artery aneurysm: A new finding in classic infantile pompe disease. <i>Muscle and Nerve</i> , 2013, 47, 613-615.	2.2	5
85	Comparison of Conventional and Simulated Reduced—Tube Current MDCT for Evaluation of Suspected Appendicitis in the Pediatric Population. <i>American Journal of Roentgenology</i> , 2013, 201, 651-658.	2.2	6
86	Radiation risks to children from medical imaging. <i>Revista Médica Clínica Las Condes</i> , 2013, 24, 15-20.	0.2	3
87	Riesgos de la radiación imaginológica en niños. <i>Revista Médica Clínica Las Condes</i> , 2013, 24, 21-26.	0.2	0
88	Radiation Dose Estimation for Prospective and Retrospective ECG-Gated Cardiac CT Angiography in Infants and Small Children Using a 320-MDCT Volume Scanner. <i>American Journal of Roentgenology</i> , 2012, 199, 1129-1135.	2.2	37
89	Radiation Dose Estimations to the Thorax Using Organ-Based Dose Modulation. <i>American Journal of Roentgenology</i> , 2012, 199, W65-W73.	2.2	40
90	Effects of protocol and obesity on dose conversion factors in adult body CT. <i>Medical Physics</i> , 2012, 39, 6550-6571.	3.0	46

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91	Image Gently 5 Years Later: What Goals Remain to Be Accomplished in Radiation Protection for Children?. American Journal of Roentgenology, 2012, 199, 477-479.	2.2	34
92	Should We Obtain Informed Consent for Examinations That Expose Patients to Radiation?. American Journal of Roentgenology, 2012, 199, 664-669.	2.2	37
93	Automated size-specific CT dose monitoring program: Assessing variability in CT dose. Medical Physics, 2012, 39, 7131-7139.	3.0	63
94	The Image Gently Campaign: Championing Radiation Protection for Children Through Awareness, Educational Resources and Advocacy. Medical Radiology, 2012, , 509-535.	0.1	0
95	Patient- and cohort-specific dose and risk estimation for abdominopelvic CT: a study based on 100 patients. , 2012, , .		1
96	Our Responsibility for Medical Radiation Dose Determinations. Journal of Vascular and Interventional Radiology, 2012, 23, 451-452.	0.5	3
97	Patient radiation exposure tracking: Worldwide programs and needs—Results from the first IAEA survey. European Journal of Radiology, 2012, 81, e968-e976.	2.6	21
98	Compendium of national guidelines for imaging of the pediatric patient. Pediatric Radiology, 2012, 42, 82-94.	2.0	5
99	Patient-specific radiation dose and cancer risk estimation in CT: Part II. Application to patients. Medical Physics, 2011, 38, 408-419.	3.0	136
100	Patient-specific radiation dose and cancer risk estimation in CT: Part I. Development and validation of a Monte Carlo program. Medical Physics, 2011, 38, 397-407.	3.0	101
101	Radiation, Thoracic Imaging, and Children: Radiation Safety. Radiologic Clinics of North America, 2011, 49, 1053-1069.	1.8	27
102	Low Dose Computerized Tomography for Detection of Urolithiasis—Its Effectiveness in the Setting of the Urology Clinic. Journal of Urology, 2011, 185, 910-914.	0.4	41
103	Pulmonary CT Angiography to Evaluate for Pulmonary Embolism in Children Visiting Adult-Centered Community Hospitals. American Journal of Roentgenology, 2011, 196, W823-W830.	2.2	1
104	Lung nodule detection in pediatric chest CT: Quantitative relationship between image quality and radiologist performance. Medical Physics, 2011, 38, 2609-2618.	3.0	17
105	Patient-specific Radiation Dose and Cancer Risk for Pediatric Chest CT. Radiology, 2011, 259, 862-874.	7.3	104
106	Evaluation of pediatric skull fracture imaging techniques. Forensic Science International, 2011, 214, 167-72.	2.2	17
107	Image Gently: Partnerships to promote radiation protection for children worldwide. Pediatric Radiology, 2011, 41, 207-209.	2.0	1
108	How many strikes does it take till we are out?. Pediatric Radiology, 2011, 41, 547-548.	2.0	3

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109	Justification and optimization of CT in children: how are we performing?. Pediatric Radiology, 2011, 41, 467-471.	2.0	26
110	CT dose and risk estimates in children. Pediatric Radiology, 2011, 41, 483-487.	2.0	38
111	The role of CT in professionalism: accreditation, certification and the welfare of our children. Pediatric Radiology, 2011, 41, 571-575.	2.0	1
112	Image Gently: progress and challenges in CT education and advocacy. Pediatric Radiology, 2011, 41, 461-466.	2.0	63
113	Compendium of National Guidelines for Imaging the Pregnant Patient. American Journal of Roentgenology, 2011, 197, W737-W746.	2.2	82
114	The feasibility of universal DLP-to-risk conversion coefficients for body CT protocols. , 2011, , .		1
115	Approaches to promotion and implementation of action on radiation protection for children. Radiation Protection Dosimetry, 2011, 147, 137-141.	0.8	10
116	Patient exposure tracking: the IAEA smart card project. Radiation Protection Dosimetry, 2011, 147, 314-316.	0.8	41
117	Managing Radiation Use in Medical Imaging: A Multifaceted Challenge. Radiology, 2011, 258, 889-905.	7.3	272
118	3 Radiation Risk from Medical Imaging: A Special Need to Focus on Children. , 2011, , 27-41.		2
119	Implementation of radiochromic film dosimetry protocol for volumetric dose assessments to various organs during diagnostic CT procedures. Medical Physics, 2010, 37, 4782-4792.	3.0	29
120	Bismuth shielding in CT: support for use in children. Pediatric Radiology, 2010, 40, 1739-1743.	2.0	29
121	Double Aortic Arch with Aortic Atresia and Left-Sided Type B Interruption. Congenital Heart Disease, 2010, 5, 316-320.	0.2	9
122	<i>Image Gently</i>: Ten Steps You Can Take to Optimize Image Quality and Lower CT Dose for Pediatric Patients. American Journal of Roentgenology, 2010, 194, 868-873.	2.2	245
123	Estimation of absorbed doses from paediatric cone-beam CT scans: MOSFET measurements and Monte Carlo simulations. Radiation Protection Dosimetry, 2010, 138, 257-263.	0.8	13
124	Patient-specific radiation dose and cancer risk estimation in pediatric chest CT: a study in 30 patients. , 2010, , .		0
125	Radiation Dose From Cone Beam CT in a Pediatric Phantom: Risk Estimation of Cancer Incidence. American Journal of Roentgenology, 2010, 194, 186-190.	2.2	64
126	Radiation Risk from Medical Imaging in Children. , 2010, , 25-39.		3

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127	Tracking radiation exposure of patients. <i>Lancet, The</i> , 2010, 376, 754-755.	13.7	44
128	Image Gently: Providing Practical Educational Tools and Advocacy to Accelerate Radiation Protection for Children Worldwide. <i>Seminars in Ultrasound, CT and MRI</i> , 2010, 31, 57-63.	1.5	38
129	Image Gently Vendor Summit: Working Together for Better Estimates of Pediatric Radiation Dose from CT. <i>American Journal of Roentgenology</i> , 2009, 192, 1169-1175.	2.2	61
130	Radiation, CT, and Children: The Simple Answer Is It's Complicated. <i>Radiology</i> , 2009, 252, 4-6.	7.3	30
131	CT with a Computer-Simulated Dose Reduction Technique for Detection of Pediatric Nephroureterolithiasis: Comparison of Standard and Reduced Radiation Doses. <i>American Journal of Roentgenology</i> , 2009, 192, 143-149.	2.2	84
132	Image Gently™ campaign promotes radiation protection for children. <i>Radiation Protection Dosimetry</i> , 2009, 135, 276-276.	0.8	19
133	Three-dimensional simulation of lung nodules for paediatric multidetector array CT. <i>British Journal of Radiology</i> , 2009, 82, 401-411.	2.2	29
134	Imaging of acute appendicitis in children: EU versus U.S. or US versus CT? A North American perspective. <i>Pediatric Radiology</i> , 2009, 39, 500-505.	2.0	47
135	Radiation safety. <i>Pediatric Radiology</i> , 2009, 39, 385-390.	2.0	18
136	Thoracic cardiovascular CT: technique and applications. <i>Pediatric Radiology</i> , 2009, 39, 464-470.	2.0	12
137	Enhancing pediatric safety: assessing and improving resident competency in life-threatening events with a computer-based interactive resuscitation tool. <i>Pediatric Radiology</i> , 2009, 39, 703-709.	2.0	22
138	Pediatric MDCT. <i>Academic Radiology</i> , 2009, 16, 872-880.	2.5	28
139	Dosimetric characterisation of bismuth shields in CT: measurements and Monte Carlo simulations. <i>Radiation Protection Dosimetry</i> , 2009, 133, 105-110.	0.8	18
140	Pediatric CT and radiation: our responsibility. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
141	Patient-specific dose estimation for pediatric abdomen-pelvis CT. , 2009, , .		0
142	Radiation doses from small-bowel follow-through and abdomen/pelvis MDCT in pediatric Crohn disease. <i>Pediatric Radiology</i> , 2008, 38, 285-291.	2.0	79
143	The "Image Gently"™ campaign: increasing CT radiation dose awareness through a national education and awareness program. <i>Pediatric Radiology</i> , 2008, 38, 265-269.	2.0	227
144	Pediatric abdominal CT angiography. <i>Pediatric Radiology</i> , 2008, 38, 259-266.	2.0	34

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145	“Sleeping with the enemy?”™ Expectations and reality in imaging children in the emergency setting. Pediatric Radiology, 2008, 38, 633-638.	2.0	7
146	Evaluation of a coronary-cameral fistula: benefits of coronary dual-source MDCT angiography in children. Pediatric Radiology, 2008, 38, 874-878.	2.0	17
147	The radiology perspective: needs and tools for management of life-threatening events. Pediatric Radiology, 2008, 38, 714-719.	2.0	5
148	Panel discussion. Pediatric Radiology, 2008, 38, 728-734.	2.0	1
149	The ALARA concept in pediatric imaging: building bridges between radiology and emergency medicine: consensus conference on imaging safety and quality for children in the emergency setting, Feb. 23-24, 2008, Orlando, FL “ Executive Summary. Pediatric Radiology, 2008, 38, 629-632.	2.0	52
150	Image GentlySM: A National Education and Communication Campaign in Radiology Using the Science of Social Marketing. Journal of the American College of Radiology, 2008, 5, 1200-1205.	1.8	73
151	Toward assessing the diagnostic influence of dose reduction in pediatric CT: a study based on simulated lung nodules. Proceedings of SPIE, 2008, , .	0.8	0
152	Conventional and Reduced Radiation Dose of 16-MDCT for Detection of Nephrolithiasis and Ureterolithiasis. American Journal of Roentgenology, 2008, 190, 151-157.	2.2	98
153	Pediatric Chest MDCT Using Tube Current Modulation: Effect on Radiation Dose with Breast Shielding. American Journal of Roentgenology, 2008, 190, W54-W61.	2.2	99
154	The <i>Image Gently</i> Campaign: Working Together to Change Practice. American Journal of Roentgenology, 2008, 190, 273-274.	2.2	327
155	Pediatric Body MDCT: A 5-Year Follow-Up Survey of Scanning Parameters Used by Pediatric Radiologists. American Journal of Roentgenology, 2008, 191, 611-617.	2.2	92
156	Pediatric Hematopoietic Stem Cell Transplantation and the Role of Imaging. Radiology, 2008, 248, 348-365.	7.3	11
157	Patient-specific dose estimation for pediatric chest CT. Medical Physics, 2008, 35, 5821-5828.	3.0	39
158	PEDIATRIC DOSE REDUCTION IN COMPUTED TOMOGRAPHY. Health Physics, 2008, 95, 518-527.	0.5	20
159	Imaging Evaluation of the Thymus and Thymic Disorders in Children. Medical Radiology, 2008, , 215-240.	0.1	2
160	MDCT in Children: Scan Techniques and Contrast Issues. , 2008, , 333-354.		10
161	Biologic Effects of Diagnostic Radiation on Children. , 2008, , 3-12.		4
162	Pediatric Cardiothoracic CT Angiography. , 2008, , 1476-1485.		1

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163	Congenital Great Vessel Abnormalities. , 2008, , 1591-1604.		1
164	Broncopulmonary foregut malformations presenting as mass lesions in children: spectrum of imaging findings. Diagnostic and Interventional Radiology, 2008, 16, 153-61.	1.5	8
165	Radiation bio effects and dose reduction strategies. , 2008, , 1-3.		0
166	Enhancing Pediatric Safety: Using Simulation to Assess Radiology Resident Preparedness for Anaphylaxis from Intravenous Contrast Media. Radiology, 2007, 245, 236-244.	7.3	57
167	Validation of Metal Oxide Semiconductor Field Effect Transistor Technology for Organ Dose Assessment During CT: Comparison with Thermoluminescent Dosimetry. American Journal of Roentgenology, 2007, 188, 1332-1336.	2.2	72
168	Pediatric Cardiac-Gated CT Angiography: Assessment of Radiation Dose. American Journal of Roentgenology, 2007, 189, 12-18.	2.2	105
169	MOSFET Dosimetry for Radiation Dose Assessment of Bismuth Shielding of the Eye in Children. American Journal of Roentgenology, 2007, 188, 1648-1650.	2.2	60
170	Radiation Doses from Small-Bowel Follow-Through and Abdominopelvic MDCT in Crohn's Disease. American Journal of Roentgenology, 2007, 189, 1015-1022.	2.2	177
171	Experimental benchmarking of a Monte Carlo dose simulation code for pediatric CT. , 2007, , .		7
172	Effective Dose Determination Using an Anthropomorphic Phantom and Metal Oxide Semiconductor Field Effect Transistor Technology for Clinical Adult Body Multidetector Array Computed Tomography Protocols. Journal of Computer Assisted Tomography, 2007, 31, 544-549.	0.9	68
173	Nonoperative Management of Asymptomatic Traumatic Pulmonary Hernia in a Young Child. Journal of Trauma, 2007, 62, 234-235.	2.3	9
174	Dose reduction in paediatric MDCT: general principles. Clinical Radiology, 2007, 62, 507-517.	1.1	105
175	Review of radiation risks from computed tomography: essentials for the pediatric surgeon. Journal of Pediatric Surgery, 2007, 42, 603-607.	1.6	163
176	Peer assessment of pediatric surgeons for potential risks of radiation exposure from computed tomography scans. Journal of Pediatric Surgery, 2007, 42, 1157-1164.	1.6	72
177	Radiation Risk to Children From Computed Tomography. Pediatrics, 2007, 120, 677-682.	2.1	516
178	Fractures in children with Pompe disease: a potential long-term complication. Pediatric Radiology, 2007, 37, 437-445.	2.0	28
179	Safety in pediatric MR and cardiac CT. Pediatric Radiology, 2007, 37, 409-412.	2.0	7
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