

Radiation exposure from CT scans in childhood and sub tumours: a retrospective cohort study

Lancet, The

380, 499-505

DOI: [10.1016/s0140-6736\(12\)60815-0](https://doi.org/10.1016/s0140-6736(12)60815-0)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Magnetic Resonance Imagingâ€“Guided Spine Injections. Topics in Magnetic Resonance Imaging, 2011, 22, 143-151.	0.7	17
2	Health effects of low-level radiation: any news?. Journal of Radiological Protection, 2012, 32, E11-E13.	0.6	3
4	Abdominal CT With Model-Based Iterative Reconstruction (MBIR): Initial Results of a Prospective Trial Comparing Ultralow-Dose With Standard-Dose Imaging. American Journal of Roentgenology, 2012, 199, 1266-1274.	1.0	286
5	Cancer risks from diagnostic radiology: the impact of new epidemiological data. British Journal of Radiology, 2012, 85, e1316-e1317.	1.0	94
6	Cancer Risks from CT Scans: Now We Have Data, What Next?. Radiology, 2012, 265, 330-331.	3.6	150
8	Small Î³-Ray Doses Prevent Rather than Increase Lung Tumors in Mice. Dose-Response, 2012, 10, dose-response.1.	0.7	7
9	A database for estimating organ dose for coronary angiography and brain perfusion CT scans for arbitrary spectra and angular tube current modulation. Medical Physics, 2012, 39, 5336-5346.	1.6	8
10	Radiation Dose for Pediatric Patients With Cystic Fibrosis. Chest, 2012, 142, 1077.	0.4	4
11	Sonography First for Acute Flank Pain?. Journal of Ultrasound in Medicine, 2012, 31, 1703-1711.	0.8	36
12	Radiation and Chest CT Scans. Chest, 2012, 142, 549-550.	0.4	15
13	Common Fragile Sites: Genomic Hotspots of DNA Damage and Carcinogenesis. International Journal of Molecular Sciences, 2012, 13, 11974-11999.	1.8	60
14	Intrauterine growth and childhood leukemia and lymphoma risk. Expert Review of Hematology, 2012, 5, 559-576.	1.0	13
15	CT scans in childhood and risk of leukaemia and brain tumours. Lancet, The, 2012, 380, 1735.	6.3	13
16	CT scans in childhood and risk of leukaemia and brain tumours. Lancet, The, 2012, 380, 1735.	6.3	8
17	CT scans in childhood and risk of leukaemia and brain tumours. Lancet, The, 2012, 380, 1735-1736.	6.3	15
18	CT scans in childhood and risk of leukaemia and brain tumours. Lancet, The, 2012, 380, 1736.	6.3	12
19	CT scans in childhood and risk of leukaemia and brain tumours â€“ Authors' reply. Lancet, The, 2012, 380, 1736-1737.	6.3	16
20	CT scans in childhood and risk of leukaemia and brain tumours. Lancet, The, 2012, 380, 1737-1738.	6.3	4

#	ARTICLE	IF	CITATIONS
22	Quality Improvement Guidelines for Pediatric Abscess and Fluid Drainage. <i>Journal of Vascular and Interventional Radiology</i> , 2012, 23, 1397-1402.	0.2	18
23	Radiation risk in low-dose maxillofacial radiography. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012, 114, 277-280.	0.2	7
24	On the association between glioma, wireless phones, heredity and ionising radiation. <i>Pathophysiology</i> , 2012, 19, 243-252.	1.0	20
25	Imaging of aortic arch anomalies and associated findings. <i>Expert Review of Cardiovascular Therapy</i> , 2012, 10, 1497-1516.	0.6	4
26	Quality improvement guidelines for pediatric abscess and fluid drainage. <i>Pediatric Radiology</i> , 2012, 42, 1527-1535.	1.1	5
27	Radiation Dose-Rate and DNA Damage. <i>Environmental Health Perspectives</i> , 2012, 120, A417; author reply A417-8.	2.8	1
28	The Imaging of Inflammatory Bowel Disease: Current Concepts and Future Directions. , 0, , .		0
29	The shape of the radiation dose response for DNA double-strand break induction and repair. <i>Genome Integrity</i> , 2013, 4, 1.	1.0	64
30	Towards reducing population radiation exposure. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2013, 36, 265-267.	1.4	0
31	Revised guidelines on management of antenatal hydronephrosis. <i>Indian Pediatrics</i> , 2013, 50, 215-231.	0.2	38
32	Generation of the additional fluorescence radiation in the elastomeric shields used in computer tomography (CT). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 1913-1921.	0.7	7
33	Radon concentrations in kindergartens and schools in two cities: Kalisz and OstrÅ³w Wielkopolski in Poland. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 295, 2229-2232.	0.7	17
34	Baicalein protects mice against radiation-induced DNA damages and genotoxicity. <i>Molecular and Cellular Biochemistry</i> , 2013, 379, 277-281.	1.4	23
35	Risk of subsequent cancer following a primary CNS tumor. <i>Journal of Neuro-Oncology</i> , 2013, 112, 285-295.	1.4	21
36	Safety of contrast-enhanced ultrasound in children for non-cardiac applications: a review by the Society for Pediatric Radiology (SPR) and the International Contrast Ultrasound Society (ICUS). <i>Pediatric Radiology</i> , 2013, 43, 1063-1073.	1.1	117
37	Managing Radiation Dose from Thoracic Multidetector Computed Tomography in Pediatric Patients. <i>Radiologic Clinics of North America</i> , 2013, 51, 743-760.	0.9	27
38	Performance of Ultrasound in the Diagnosis of Appendicitis in Children in a Multicenter Cohort. <i>Academic Emergency Medicine</i> , 2013, 20, 697-702.	0.8	138
39	Developmental and oncogenic radiation effects on neural stem cells and their differentiating progeny in mouse cerebellum. <i>Stem Cells</i> , 2013, 31, 2506-2516.	1.4	15

#	ARTICLE	IF	CITATIONS
40	Risk of cancer associated with cardiac catheterization procedures during childhood: a cohort study in France. BMC Public Health, 2013, 13, 266.	1.2	40
41	Radiation Exposure from Medical Imaging. , 2013, , 63-79.		2
42	Charged particle therapy optimization, challenges and future directions. Nature Reviews Clinical Oncology, 2013, 10, 411-424.	12.5	346
43	Potential impacts of radon, terrestrial gamma and cosmic rays on childhood leukemia in France: a quantitative risk assessment. Radiation and Environmental Biophysics, 2013, 52, 195-209.	0.6	14
44	Long-term effects of ionising radiation on the brain: cause for concern?. Radiation and Environmental Biophysics, 2013, 52, 5-16.	0.6	42
45	Independent analysis of the radiation risk for leukaemia in children and adults with mortality data (1950-2003) of Japanese A-bomb survivors. Radiation and Environmental Biophysics, 2013, 52, 17-27.	0.6	12
46	Pediatric Head Injury and Concussion. Emergency Medicine Clinics of North America, 2013, 31, 653-675.	0.5	27
47	Neuroimaging in childhood headache: a systematic review. Pediatric Radiology, 2013, 43, 777-784.	1.1	30
48	Novel end points for clinical trials in young children with cystic fibrosis. Expert Review of Respiratory Medicine, 2013, 7, 231-243.	1.0	9
49	Cone-beam computed tomography for oral surgical applications: where is the evidence?. Oral Surgery, 2013, 6, 112-128.	0.1	4
50	Detecting active inflammation and fibrosis in pediatric Crohn's disease: prospective evaluation of MR-E and CT-E. Abdominal Imaging, 2013, 38, 705-713.	2.0	77
52	Impact of organ-specific dose reduction on the image quality of head and neck CT angiography. European Radiology, 2013, 23, 1503-1509.	2.3	8
53	Bedside optic nerve sheath diameter ultrasound for the evaluation of suspected pediatric ventriculoperitoneal shunt failure in the emergency department. Child's Nervous System, 2013, 29, 2275-2280.	0.6	51
54	Three-dimensional analysis of positional plagiocephaly before and after molding helmet therapy in comparison to normal head growth. Child's Nervous System, 2013, 29, 1155-1161.	0.6	18
55	Factors predictive for a positive invasive mesenteric angiogram following a positive CT angiogram in patients with acute lower gastrointestinal haemorrhage. International Journal of Colorectal Disease, 2013, 28, 1715-1719.	1.0	18
56	Radiation Dose Management in Pediatric CT. Current Radiology Reports, 2013, 1, 23-29.	0.4	1
57	Pediatric Seizures. Emergency Medicine Clinics of North America, 2013, 31, 733-754.	0.5	14
58	Computed tomography scans and cancer risk: The latest findings. Cancer, 2013, 119, 701-702.	2.0	2

#	ARTICLE	IF	CITATIONS
59	Computed tomography scans and cancer risk: Safety efforts. <i>Cancer</i> , 2013, 119, 925-926.	2.0	1
60	Clinical recommendations regarding use of cone beam computed tomography in orthodontics. Position statement by the American Academy of Oral and Maxillofacial Radiology. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2013, 116, 238-257.	0.2	258
61	Image Gently: A Campaign to Reduce Children's and Adolescents' Risk for Cancer During Adulthood. <i>Journal of Adolescent Health</i> , 2013, 52, S93-S97.	1.2	37
63	Comparative study on developmental stages of the clavicle by postmortem MRI and CT imaging. <i>Journal of Forensic Radiology and Imaging</i> , 2013, 1, 102-106.	1.2	30
64	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.	0.9	5
65	Recognition and management of stroke in young adults and adolescents. <i>Neurology</i> , 2013, 81, 1089-1097.	1.5	188
66	Chest computed tomography imaging for blunt pediatric trauma: not worth the radiation risk. <i>Journal of Surgical Research</i> , 2013, 184, 352-357.	0.8	64
67	Effect of the Duration of Emergency Department Observation on Computed Tomography Use in Children With Minor Blunt Head Trauma. <i>Annals of Emergency Medicine</i> , 2013, 62, 597-603.	0.3	58
68	Every Peddler Praises His Own Needle: Have Clinical Rules in the Diagnosis of Subarachnoid Hemorrhage Supplanted Lumbar Punctures Yet?. <i>Annals of Emergency Medicine</i> , 2013, 62, 633-640.	0.3	4
69	Radiolabeled nanoceria probes may reduce oxidative damages and risk of cancer: A hypothesis for radioisotope-based imaging procedures. <i>Medical Hypotheses</i> , 2013, 81, 1164-1168.	0.8	6
70	Glioblastoma and Other Malignant Gliomas. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 1842.	3.8	1,779
71	Cumulative Radiation Dose from Medical Imaging in Chronic Adult Patients. <i>American Journal of Medicine</i> , 2013, 126, 480-486.	0.6	27
72	Updates in the General Approach to Pediatric Head Trauma and Concussion. <i>Pediatric Clinics of North America</i> , 2013, 60, 1107-1122.	0.9	7
73	Neonatal cancer. <i>Lancet Oncology</i> , The, 2013, 14, e609-e620.	5.1	89
75	Emerging Concepts in Pediatric Emergency Radiology. <i>Pediatric Clinics of North America</i> , 2013, 60, 1139-1151.	0.9	12
76	Pityriasis Lichenoides and Cutaneous T Cell Lymphoma: An Update on the Diagnosis and Management of the Most Common Benign and Malignant Cutaneous Lymphoproliferative Diseases in Children. <i>Current Dermatology Reports</i> , 2013, 2, 203-211.	1.1	6
77	Ordering patterns for laboratory and radiology tests by students from different undergraduate medical curricula. <i>BMC Medical Education</i> , 2013, 13, 109.	1.0	10
78	A questionnaire survey reviewing radiologists'™ and clinical specialist radiographers'™ knowledge of CT exposure parameters. <i>Insights Into Imaging</i> , 2013, 4, 637-646.	1.6	39

#	ARTICLE	IF	CITATIONS
79	Low-dose CT for quantitative analysis in acute respiratory distress syndrome. <i>Critical Care</i> , 2013, 17, R183.	2.5	19
80	Epigenetics: How Genes and Environment Interact. <i>Epigenetics and Human Health</i> , 2013, , 3-30.	0.2	5
81	An Official American Thoracic Society Clinical Practice Guideline: Classification, Evaluation, and Management of Childhood Interstitial Lung Disease in Infancy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 376-394.	2.5	359
82	Pulmonary Functional Magnetic Resonance Imaging for Paediatric Lung Disease. <i>Paediatric Respiratory Reviews</i> , 2013, 14, 180-189.	1.2	11
83	A record-based case-control study of natural background radiation and the incidence of childhood leukaemia and other cancers in Great Britain during 1980-2006. <i>Leukemia</i> , 2013, 27, 3-9.	3.3	162
84	High-Resolution CT of the Lung in Children: Technique, Indications, Anatomy, and Features of Lung Disease. <i>Medical Radiology</i> , 2013, , 111-134.	0.0	0
85	Gene set enrichment analysis highlights different gene expression profiles in whole blood samples X-irradiated with low and high doses. <i>International Journal of Radiation Biology</i> , 2013, 89, 628-638.	1.0	58
86	Influence of phantom thickness and material on the backscatter factors for diagnostic x-ray beam dosimetry. <i>Physics in Medicine and Biology</i> , 2013, 58, 247-260.	1.6	21
88	Integrating genetic and imaging investigations into the clinical management of congenital hyperinsulinism. <i>Clinical Endocrinology</i> , 2013, 78, 803-813.	1.2	40
89	Paediatric cardiac catheterization: An information sheet. <i>Archives of Cardiovascular Diseases</i> , 2013, 106, 228-237.	0.7	5
90	Declining trend in the use of repeat computed tomography for trauma patients admitted to a level I trauma center for traffic-related injuries. <i>European Journal of Radiology</i> , 2013, 82, 969-973.	1.2	2
91	Quantitative evaluation of brain development using anatomical MRI and diffusion tensor imaging. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 512-524.	0.7	86
92	Effective and Organ Specific Radiation Doses from Videourodynamic in Children. <i>Journal of Urology</i> , 2013, 190, 1364-1370.	0.2	23
93	CT of the neonatal head. <i>Clinical Radiology</i> , 2013, 68, 1155-1166.	0.5	7
94	Subsequent neoplasms of the CNS among survivors of childhood cancer: a systematic review. <i>Lancet Oncology</i> , The, 2013, 14, e321-e328.	5.1	91
95	Pediatric sudden sensorineural hearing loss: Diagnosed causes and response to intervention. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2013, 77, 553-559.	0.4	43
96	The utility of cortical-sparing adrenalectomy in pheochromocytomas associated with genetic syndromes. <i>Journal of Pediatric Surgery</i> , 2013, 48, 1422-1425.	0.8	15
97	CT enteroclysis in the developing world: How we do it, and the pathology we see. <i>European Journal of Radiology</i> , 2013, 82, e317-e325.	1.2	3

#	ARTICLE	IF	CITATIONS
98	Impact of cone-beam computed tomography on orthodontic diagnosis and treatment planning. American Journal of Orthodontics and Dentofacial Orthopedics, 2013, 143, 665-674.	0.8	67
99	Clearance of the thoracolumbar spine—A clinical decision rule is needed. Injury, 2013, 44, 881-882.	0.7	4
100	Salivary endoscopy in a pediatric patient with HLA-B27 seropositivity and recurrent submandibular sialadenitis. International Journal of Pediatric Otorhinolaryngology, 2013, 77, 1045-1047.	0.4	8
101	Determining response and recurrence in pediatric B-cell lymphomas of the bone. Pediatric Blood and Cancer, 2013, 60, 1281-1286.	0.8	10
102	State of the art in research into the risk of low dose radiation exposure—findings of the fourth MELODI workshop. Journal of Radiological Protection, 2013, 33, 589-603.	0.6	10
103	Do Clinical Outcomes Suffer During Transition to an Ultrasound-First Paradigm for the Evaluation of Acute Appendicitis in Children?. American Journal of Roentgenology, 2013, 201, 1348-1352.	1.0	24
104	The Early Phases of Bone Healing Can Be Differentiated in a Rat Osteotomy Model by Focused Transverse-Transmission Ultrasound. Ultrasound in Medicine and Biology, 2013, 39, 1642-1653.	0.7	14
105	Cancer Risks From CT Radiation: Is There a Dose Threshold?. Journal of the American College of Radiology, 2013, 10, 817-819.	0.9	11
108	A Rapidly Expanding Orbital Lesion. Journal of Pediatrics, 2013, 163, 294-295.e2.	0.9	3
109	Pediatric abdominal CT scans: do it correctly. Better yet, don't do it at all. Journal of Surgical Research, 2013, 185, 533-534.	0.8	4
110	Does Clinical Decision Support Reduce Unwarranted Variation in Yield of CT Pulmonary Angiogram?. American Journal of Medicine, 2013, 126, 975-981.	0.6	48
111	Childhood and adult cancers: Contrasts and commonalities. Maturitas, 2013, 76, 95-98.	1.0	16
112	Rational Policy for Medical Radiation: Hype or Hope?. American Journal of Medicine, 2013, 126, e15.	0.6	0
113	Evaluation of unilateral sensorineural hearing loss in the pediatric patient. International Journal of Pediatric Otorhinolaryngology, 2013, 77, 955-958.	0.4	55
114	Computed tomography and radioprotection: Knowing and acting. Diagnostic and Interventional Imaging, 2013, 94, 361-363.	1.8	4
115	Variations of the soft tissue thicknesses external to the ribs in Pectus Excavatum patients. Journal of Pediatric Surgery, 2013, 48, 1878-1886.	0.8	6
116	Editorial Comment. Urology, 2013, 81, 627-628.	0.5	0
117	2013 WSES guidelines for management of intra-abdominal infections. World Journal of Emergency Surgery, 2013, 8, 3.	2.1	237

#	ARTICLE	IF	CITATIONS
118	The open fontanelle: a window to less radiation. <i>Child's Nervous System</i> , 2013, 29, 1177-1181.	0.6	10
119	The Role of Static Magnetic Resonance Urography in the Evaluation of Obstructive Uropathy. <i>Urology</i> , 2013, 81, 623-628.	0.5	11
120	Non-targeted effects of ionising radiationâ€”Implications for low dose risk. <i>Mutation Research - Reviews in Mutation Research</i> , 2013, 752, 84-98.	2.4	201
121	High and low dose responses of transcriptional biomarkers in <i>in vivo</i> X-irradiated human blood. <i>International Journal of Radiation Biology</i> , 2013, 89, 512-522.	1.0	106
122	Adaptive radiationâ€”induced epigenetic alterations mitigated by antioxidants. <i>FASEB Journal</i> , 2013, 27, 665-671.	0.2	90
123	The risk of childhood leukaemia following exposure to ionising radiationâ€”a review. <i>Journal of Radiological Protection</i> , 2013, 33, 1-25.	0.6	89
124	Appendicitis in obese children. <i>Pediatric Surgery International</i> , 2013, 29, 537-544.	0.6	25
125	Adolescent idiopathic scoliosis treated with posteromedial translation: radiologic evaluation with a 3D low-dose system. <i>European Spine Journal</i> , 2013, 22, 2382-2391.	1.0	48
126	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.	1.1	32
127	CT radiation risks coming into clearer focus. <i>BMJ, The</i> , 2013, 346, f3102-f3102.	3.0	22
128	Cancer risk in 680 000 people exposed to computed tomography scans in childhood or adolescence: data linkage study of 11 million Australians. <i>BMJ, The</i> , 2013, 346, f2360-f2360.	3.0	1,523
129	Effect of vertical positioning on organ dose, image noise and contrast in pediatric chest CTâ€”phantom study. <i>Pediatric Radiology</i> , 2013, 43, 673-684.	1.1	39
130	Advances and Challenges in Spondyloarthritis Imaging for Diagnosis and Assessment of Disease. <i>Current Rheumatology Reports</i> , 2013, 15, 345.	2.1	17
131	The Use of Computed Tomography in Pediatrics and the Associated Radiation Exposure and Estimated Cancer Risk. <i>JAMA Pediatrics</i> , 2013, 167, 700.	3.3	1,123
132	Clinical trials in cellular immunotherapy for brain/CNS tumors. <i>Expert Review of Neurotherapeutics</i> , 2013, 13, 405-424.	1.4	18
134	Biological effects of low-dose radiation from computed tomography scanning. <i>International Journal of Radiation Biology</i> , 2013, 89, 326-333.	1.0	30
135	Deoxyribonucleic acid damage-associated biomarkers of ionising radiation: current status and future relevance for radiology and radiotherapy. <i>British Journal of Radiology</i> , 2013, 86, 20130173.	1.0	21
137	Emergency department visits, use of imaging, and drugs for urolithiasis have increased in the United States. <i>Kidney International</i> , 2013, 83, 479-486.	2.6	170

#	ARTICLE	IF	CITATIONS
139	Contemporary imaging of mild TBI: the journey toward diffusion tensor imaging to assess neuronal damage. <i>Neurological Research</i> , 2013, 35, 223-232.	0.6	25
140	Association Between Parental Preference and Head Computed Tomography in Children With Minor Blunt Head Trauma. <i>JAMA Pediatrics</i> , 2013, 167, 491.	3.3	8
141	Reducing Radiation Dose in Body CT: A Primer on Dose Metrics and Key CT Technical Parameters. <i>American Journal of Roentgenology</i> , 2013, 200, 741-747.	1.0	49
142	Analysis of limited-sequence head computed tomography for children with shunted hydrocephalus: potential to reduce diagnostic radiation exposure. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 12, 491-500.	0.8	28
143	Editorial: Predicting events in traumatic brain injury. <i>Journal of Neurosurgery</i> , 2013, 118, 1296-1297.	0.9	0
144	How Tracking Radiologic Procedures and Dose Helps: Experience From Finland. <i>American Journal of Roentgenology</i> , 2013, 200, 771-775.	1.0	40
145	Disrupting the Old Order of Imaging. <i>American Journal of Roentgenology</i> , 2013, 200, 1284-1287.	1.0	0
146	CT Radiation Dose: Current Controversies and Dose Reduction Strategies. <i>American Journal of Roentgenology</i> , 2013, 201, 1283-1290.	1.0	124
147	Cone-Beam Computed Tomography: Time for an Evidence-Based Approach. <i>Primary Dental Journal</i> , 2013, 2, 22-31.	0.3	23
148	Contrast Enhanced Ultrasound (CEUS) Characterization of Grey-scale Sonographic Indeterminate Focal Liver Lesions in Pediatric Practice. <i>Ultraschall in Der Medizin</i> , 2013, 34, 529-540.	0.8	81
151	JOURNAL CLUB: Ultrasound for Differentiation Between Perforated and Nonperforated Appendicitis in Pediatric Patients. <i>American Journal of Roentgenology</i> , 2013, 200, 957-962.	1.0	56
152	Low-dose head computed tomography in children: a single institutional experience in pediatric radiation risk reduction. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 12, 406-410.	0.8	47
153	Effect of Tube Voltage on CT Noise Levels in Different Phantom Sizes. <i>American Journal of Roentgenology</i> , 2013, 200, 1001-1005.	1.0	24
154	Safety in pediatric imaging: an update. <i>Acta Radiologica</i> , 2013, 54, 983-990.	0.5	15
155	Radiation Risk Due to Shunted Hydrocephalus and the Role of MR Imagingâ€“Safe Programmable Valves. <i>American Journal of Neuroradiology</i> , 2013, 34, 695-697.	1.2	6
156	Is there a role for PET-CT and SPECT-CT in pediatric oncology?. <i>Acta Radiologica</i> , 2013, 54, 1037-1045.	0.5	35
157	Noise-reducing algorithms do not necessarily provide superior dose optimisation for hepatic lesion detection with multidetector CT. <i>British Journal of Radiology</i> , 2013, 86, 20120500.	1.0	23
158	CT Scan Utilization Patterns in Pediatric Patients With Recurrent Headache. <i>Pediatrics</i> , 2013, 132, e1-e8.	1.0	37

#	ARTICLE	IF	CITATIONS
159	A Case of Reed Syndrome with a Novel Mutation in the Fumarate Hydratase Gene. Case Reports in Medicine, 2013, 2013, 1-4.	0.3	3
160	Revised guidelines on management of antenatal hydronephrosis. Indian Journal of Nephrology, 2013, 23, 83.	0.2	40
161	Application of 256-slice computed tomography with low radiation doses in neonates with hypoxic-ischemic encephalopathy. Experimental and Therapeutic Medicine, 2013, 6, 1414-1416.	0.8	1
162	Environmental and Occupational Interventions for Primary Prevention of Cancer: A Cross-Sectorial Policy Framework. Environmental Health Perspectives, 2013, 121, 420-426.	2.8	53
163	Mechanism of injury alone is not justified as the sole indication for computed tomographic imaging in blunt pediatric trauma. Journal of Trauma and Acute Care Surgery, 2013, 75, 995-1001.	1.1	27
164	Radiation Protection and Dose Monitoring in Medical Imaging. Journal of Patient Safety, 2013, 9, 232-238.	0.7	25
165	MR Imaging-guided Lumbosacral Spinal Injection Procedures. Techniques in Orthopaedics, 2013, 28, 78-89.	0.1	0
166	Impact of imaging in urolithiasis treatment planning. Current Opinion in Urology, 2013, 23, 158-163.	0.9	11
167	Chest x-ray as a screening tool for blunt thoracic trauma in children. Journal of Trauma and Acute Care Surgery, 2013, 75, 613-619.	1.1	24
168	Update Imaging in Inflammatory Bowel Diseases. Digestive Diseases, 2013, 31, 345-350.	0.8	3
169	The price of failure: triage after apparently minor head injury. Archives of Disease in Childhood, 2013, 98, 925-926.	1.0	4
170	Radiation Dose in Cardiac Imaging: How Should It Affect Clinical Decisions?. American Journal of Roentgenology, 2013, 200, 508-514.	1.0	5
171	Evaluation of 99mTc-Succimer Dosing in Pediatric Patients. Journal of Nuclear Medicine Technology, 2013, 41, 81-84.	0.4	3
172	Cost of the Cure. Journal of Clinical Oncology, 2013, 31, 4025-4026.	0.8	0
173	Chest computed tomography: a validated surrogate endpoint of cystic fibrosis lung disease?. European Respiratory Journal, 2013, 42, 844-857.	3.1	36
174	Evaluation of adaptation strengths of CARE Dose 4D in pediatric CT. Proceedings of SPIE, 2013, , .	0.8	2
175	Deaths Among Adult Patients With Hypopituitarism: Hypocortisolism During Acute Stress, and De Novo Malignant Brain Tumors Contribute to an Increased Mortality. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 1466-1475.	1.8	166
176	Parental Knowledge of Potential Cancer Risks From Exposure to Computed Tomography. Pediatrics, 2013, 132, 305-311.	1.0	70

#	ARTICLE	IF	CITATIONS
177	Do Physicians Have an Obligation to Disclose the Uncertainty About Harms or Just the Harms?â€”Reply. <i>JAMA Internal Medicine</i> , 2013, 173, 1752.	2.6	1
178	The approach to patients with possible cardiac chest pain. <i>Medical Journal of Australia</i> , 2013, 199, 30-34.	0.8	23
179	A small but real risk of cancer in children from undergoing CT. <i>Evidence-Based Medicine</i> , 2013, 18, 158-159.	0.6	1
180	A Novel Serum Metabolomics-Based Diagnostic Approach to Pancreatic Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 571-579.	1.1	157
181	Utility of Clinical and Radiographic Findings in the Management of Traumatic Epidural Hematoma. <i>Pediatric Neurosurgery</i> , 2013, 49, 208-214.	0.4	10
182	The Harm in Looking. <i>JAMA Pediatrics</i> , 2013, 167, 693.	3.3	13
183	Computed Tomographic Scan in Head Trauma: What is the Rational in Children?. <i>European Journal of Pediatric Surgery</i> , 2013, 23, 444-453.	0.7	12
184	Worldwide Increasing Incidence of Thyroid Cancer: Update on Epidemiology and Risk Factors. <i>Journal of Cancer Epidemiology</i> , 2013, 2013, 1-10.	0.5	936
186	Variation in radiographic protocols in paediatric interventional cardiology. <i>Journal of Radiological Protection</i> , 2013, 33, 313-319.	0.6	10
187	Computed tomography scans and cancer risk: The latest findings. <i>Annals of Neurology</i> , 2013, 73, A7-8.	2.8	0
188	Triggers for head computed tomography following paediatric head injury: Comparison of physicians' reported practice and clinical decision rules. <i>EMA - Emergency Medicine Australasia</i> , 2013, 25, 75-82.	0.5	24
189	Computerised tomographic brain scans increase the risk of brain tumour or leukaemia. <i>Journal of Paediatrics and Child Health</i> , 2013, 49, 502-503.	0.4	1
190	Computed tomography scans and cancer risk: Safety efforts. <i>Annals of Neurology</i> , 2013, 73, A9-A10.	2.8	0
191	CT head-scan dosimetry in an anthropomorphic phantom and associated measurement of ACR accreditation-phantom imaging metrics under clinically representative scan conditions. <i>Medical Physics</i> , 2013, 40, 081917.	1.6	10
192	Reducing radiation dose to the female breast during CT coronary angiography: A simulation study comparing breast shielding, angular tube current modulation, reduced kV, and partial angle protocols using an unknown-location signal-detectability metric. <i>Medical Physics</i> , 2013, 40, 081921.	1.6	7
193	Assessing local patients' knowledge and awareness of radiation dose and risks associated with medical imaging: A questionnaire study. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2013, 57, 38-44.	0.9	37
194	Effectiveness of MR angiography for the primary diagnosis of acute pulmonary embolism: Clinical outcomes at 3 months and 1 year. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 914-925.	1.9	61
195	Justification of CT examinations in young adults and children can be improved by education, guideline implementation and increased MRI capacity. <i>British Journal of Radiology</i> , 2013, 86, 20130337.	1.0	22

#	ARTICLE	IF	CITATIONS
196	Reply to J. Zhu et al. <i>Journal of Clinical Oncology</i> , 2013, 31, 4025-4025.	0.8	1
197	Case-control study of paternal occupation and social class with risk of childhood central nervous system tumours in Great Britain, 1962-2006. <i>British Journal of Cancer</i> , 2013, 108, 1907-1914.	2.9	38
198	Do CT Scans Cause Cancer?. <i>Scientific American</i> , 2013, 309, 30-32.	1.0	7
199	Patient dose and image quality in low-dose abdominal CT: a comparison between iterative reconstruction and filtered back projection. <i>Acta Radiologica</i> , 2013, 54, 540-548.	0.5	7
200	Does radiation associated with diagnostic CT scans in children and young people increase their subsequent risk of developing cancer?. <i>Archives of Disease in Childhood: Education and Practice Edition</i> , 2013, 98, 239-239.	0.3	10
201	Fever of Unknown Origin in a Child. <i>Clinical Pediatrics</i> , 2013, 52, 99-102.	0.4	6
202	Evaluation of Pediatric Thoracic Disorders: Comparison of Unenhanced Fast-Imaging-Sequence 1.5-T MRI and Contrast-Enhanced MDCT. <i>American Journal of Roentgenology</i> , 2013, 200, 1352-1357.	1.0	45
203	Low doses of ionizing radiation induce immune-stimulatory responses in isolated human primary monocytes. <i>International Journal of Molecular Medicine</i> , 2013, 32, 1407-1414.	1.8	53
204	Measuring patient satisfaction with the CT consent process: the COMRADE outcome measure. <i>Imaging in Medicine</i> , 2013, 5, 505-513.	0.0	2
208	To scan or not to scan? The value of radiologic surveillance in early-stage Hodgkin lymphoma. <i>International Journal of Hematologic Oncology</i> , 2013, 2, 181-183.	0.7	0
209	Diagnostic Medical Radiation in Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 2501-2508.	0.9	22
210	Lymphangi leiomyomatosis Screening in Women With Tuberous Sclerosis. <i>Chest</i> , 2013, 144, 578-585.	0.4	129
211	Cost-Effectiveness of Preoperative Imaging for Appendicitis After Indeterminate Ultrasonography in the Second or Third Trimester of Pregnancy. <i>Obstetrics and Gynecology</i> , 2013, 122, 821-829.	1.2	22
212	Radiation Dose and Stochastic Risk From Exposure to Medical Imaging. <i>Chest</i> , 2013, 144, 1431-1433.	0.4	8
213	Adolescent concussions. <i>Nurse Practitioner</i> , 2013, 38, 16-22.	0.2	4
214	Radiation Exposure and Cost Influence Physician Medical Image Decision Making. <i>Medical Care</i> , 2013, 51, 628-632.	1.1	25
215	Clinical Factors Associated With Invasive Testing and Imaging in Patients With Complex Febrile Seizures. <i>Pediatric Emergency Care</i> , 2013, 29, 430-434.	0.5	11
216	Imaging in childhood cancer: A society for pediatric radiology and children's oncology group joint task force report. <i>Pediatric Blood and Cancer</i> , 2013, 60, 1253-1260.	0.8	42

#	ARTICLE	IF	CITATIONS
217	The Impact of the Body Mass Index on Outcome After Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 2013, 73, 201-208.	0.6	33
218	An Evidence-Based Approach to the Efficient Use of Computed Tomography Imaging in the Neurosurgical Patient. <i>Neurosurgery</i> , 2013, 73, 209-216.	0.6	25
219	Back to the future. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 92-99.	1.1	12
221	Interactive initialization of 2D/3D rigid registration. <i>Medical Physics</i> , 2013, 40, 121911.	1.6	13
223	Computed tomography findings for predicting severe acute hepatitis with prolonged cholestasis. <i>World Journal of Gastroenterology</i> , 2013, 19, 2543.	1.4	15
224	Reduced Radiation Dose in Diagnostic Radiology. <i>Journal of Korean Medical Science</i> , 2013, 28, 495.	1.1	2
225	Indicações de tomografia de crânio em crianças com trauma cranioencefálico leve. <i>Revista Do Colegio Brasileiro De Cirurgioes</i> , 2013, 40, 515-519.	0.3	8
226	Influence of Sinogram Affirmed Iterative Reconstruction of CT Data on Image Noise Characteristics and Low-Contrast Detectability: An Objective Approach. <i>PLoS ONE</i> , 2013, 8, e56875.	1.1	34
227	Whole-Body CT in Haemodynamically Unstable Severely Injured Patients – A Retrospective, Multicentre Study. <i>PLoS ONE</i> , 2013, 8, e68880.	1.1	198
228	Residential Radon and Brain Tumour Incidence in a Danish Cohort. <i>PLoS ONE</i> , 2013, 8, e74435.	1.1	36
229	Diagnostic Radiation Exposure of Injury Patients in the Emergency Department: A Cross-Sectional Large Scaled Study. <i>PLoS ONE</i> , 2013, 8, e84870.	1.1	10
230	Suivi d'enfants exposés aux rayonnements ionisants dans le cadre de procédures radiologiques à visée diagnostique. <i>Radioprotection</i> , 2013, 48, 97-113.	0.5	1
231	Assessing Organ Doses from Paediatric CT Scans – A Novel Approach for an Epidemiology Study (the Tj ETQq 0 0 0 rgBT /Overlock 10 T	1.25	32
232	Controversies in the Evaluation and Management of Atypical Melanocytic Proliferations in Children, Adolescents, and Young Adults. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2013, 11, 679-686.	2.3	28
233	Neurologic Complications of Imaging Procedures. , 2014, , 1089-1105.		0
234	Management of Ionizing Radiation Injuries and Illnesses, Part 1: Physics, Radiation Protection, and Radiation Instrumentation. <i>Journal of Osteopathic Medicine</i> , 2014, 114, 189-199.	0.4	2
235	Sharp rise in CT scans prompts call for new safeguards on radiation exposure. <i>BMJ, The</i> , 2014, 349, g5218-g5218.	3.0	2
236	The Health Risks of Ionizing Radiation From Computed Tomography. <i>North Carolina Medical Journal</i> , 2014, 75, 126-131.	0.1	12

#	ARTICLE	IF	CITATIONS
237	Radiation Dose in the Thyroid and the Thyroid Cancer Risk Attributable to CT Scans for Pediatric Patients in One General Hospital of China. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 2793-2803.	1.2	30
238	Improving CT-guided transthoracic biopsy of mediastinal lesions by diffusion-weighted magnetic resonance imaging. <i>Clinics</i> , 2014, 69, 787-791.	0.6	9
239	Adherence to Head Computed Tomography Guidelines for Mild Traumatic Brain Injury. <i>Western Journal of Emergency Medicine</i> , 2014, 15, 459-464.	0.6	9
240	Quantificação das grandezas dosimétricas em exames de tomografia computadorizada pediátricos do abdome. <i>Radiologia Brasileira</i> , 2014, 47, 288-291.	0.3	2
242	The prevalence of undiagnosed abnormalities on non-contrast-enhanced computed tomography compared to contrast-enhanced computed tomography of the brain. <i>South African Journal of Radiology</i> , 2014, 18, .	0.1	1
243	Estimating the lifetime risk of cancer associated with multiple CT scans. <i>Journal of Radiological Protection</i> , 2014, 34, 825-841.	0.6	11
244	Radioprotectants to reduce the risk of radiation-induced carcinogenesis. <i>International Journal of Radiation Biology</i> , 2014, 90, 203-213.	1.0	17
245	Diagnostic Accuracy of Computed Tomography Pulmonary Angiography With Reduced Radiation and Contrast Material Dose. <i>Investigative Radiology</i> , 2014, 49, 201-208.	3.5	39
246	Non-local total variation based low-dose Computed Tomography denoising. , 2014, 2014, 1083-6.		2
247	Cohort study of Western Australia computed tomography utilisation patterns and their policy implications. <i>BMC Health Services Research</i> , 2014, 14, 526.	0.9	6
248	If it is published in the peer-reviewed literature, it must be true?. <i>Pediatric Radiology</i> , 2014, 44, 468-474.	1.1	0
249	Comparison of image quality between 70kVp and 80kVp: application to paediatric cardiac CT. <i>European Radiology</i> , 2014, 24, 3003-3009.	2.3	16
250	Should risk from medical imaging be assessed in the absence of benefit and vice versa?. <i>Pediatric Radiology</i> , 2014, 44, 414-417.	1.1	6
251	Exposure of the French paediatric population to ionising radiation from diagnostic medical procedures in 2010. <i>Pediatric Radiology</i> , 2014, 44, 1588-1594.	1.1	7
252	Pediatric Emergency Care Applied Research Network head injury clinical prediction rules are reliable in practice. <i>Archives of Disease in Childhood</i> , 2014, 99, 427-431.	1.0	93
253	The communication of the radiation risk from CT in relation to its clinical benefit in the era of personalized medicine. <i>Pediatric Radiology</i> , 2014, 44, 515-518.	1.1	11
254	Jaffe's Campanacci syndrome, revisited: detailed clinical and molecular analyses determine whether patients have neurofibromatosis type 1, coincidental manifestations, or a distinct disorder. <i>Genetics in Medicine</i> , 2014, 16, 448-459.	1.1	33
255	Ultrasound Surveillance for Thyroid Malignancies in Survivors of Childhood Cancer Following Radiotherapy: A Single Institutional Experience. <i>Thyroid</i> , 2014, 24, 1796-1805.	2.4	13

#	ARTICLE	IF	CITATIONS
256	Whole-Body PET/CT Studies with Lowered 18F-FDG Doses: The Influence of Body Mass Index in Dose Reduction. <i>Journal of Nuclear Medicine Technology</i> , 2014, 42, 62-67.	0.4	18
257	Size-specific, scanner-independent organ dose estimates in contiguous axial and helical head CT examinations. <i>Medical Physics</i> , 2014, 41, 121909.	1.6	18
258	Effets pathologiques des Rayonnements ionisants: effets stochastiques. , 2014, , 99-112.		0
259	Prediction of Thoracic Dimensions and Spine Length On the Basis of Individual Pelvic Dimensions. <i>Spine</i> , 2014, 39, 74-80.	1.0	11
260	Familiarity with radiation exposure dose from diagnostic imaging for acute pulmonary embolism and current patterns of practice. <i>Canadian Journal of Emergency Medicine</i> , 2014, 16, 393-404.	0.5	3
261	Current Trends in Estimating Risk of Cancer from Exposure to Low Doses of Ionising Radiation. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2014, 65, 251-257.	0.4	4
262	No clinically relevant effect on cognitive outcomes after low-dose radiation to the infant brain: A population-based cohort study in Sweden. <i>Acta Oncologica</i> , 2014, 53, 1143-1150.	0.8	18
263	ED Observation Decreases CT Use in Head-Injured Children. <i>AAP Grand Rounds</i> , 2014, 31, 53-53.	0.4	1
264	Helical Multidetector Chest CT. <i>Medical Radiology</i> , 2014, , 75-110.	0.0	0
265	The use of an integrated electroanatomic mapping system and intracardiac echocardiography to reduce radiation exposure in children and young adults undergoing ablation of supraventricular tachycardia. <i>Europace</i> , 2014, 16, 277-283.	0.7	64
266	A Novel Quantitative Method for Evaluating Surgical Outcomes in Craniosynostosis: Pilot Analysis for Metopic Synostosis. <i>Craniomaxillofacial Trauma & Reconstruction</i> , 2014, 7, 1-7.	0.6	27
267	Paediatric Contrast-Enhanced Ultrasound (CEUS): A Technique that Requires Co-operation for Rapid Implementation into Clinical Practice. <i>Ultraschall in Der Medizin</i> , 2014, 35, 203-206.	0.8	22
268	MR-PET of the body: Early experience and insights. <i>European Journal of Radiology Open</i> , 2014, 1, 28-39.	0.7	10
269	Contrast Media Use in Pediatrics: Safety Issues. <i>Medical Radiology</i> , 2014, , 245-253.	0.0	8
270	Barriers to Computed Tomography Radiation Risk Communication in the Emergency Department: A Qualitative Analysis of Patient and Physician Perspectives. <i>Academic Emergency Medicine</i> , 2014, 21, 122-129.	0.8	43
271	Estimating Patient Dose from X-ray Tube Output Metrics: Automated Measurement of Patient Size from CT Images Enables Large-scale Size-specific Dose Estimates. <i>Radiology</i> , 2014, 270, 472-480.	3.6	27
272	Safety profiles of gadolinium chelates in juvenile rats differ according to the risk of dissociation. <i>Reproductive Toxicology</i> , 2014, 50, 171-179.	1.3	7
273	Point/Counterpoint: Low-dose radiation is beneficial, not harmful. <i>Medical Physics</i> , 2014, 41, 070601.	1.6	30

#	ARTICLE	IF	CITATIONS
274	Burden of diagnostic radiation exposure in children with sickle cell disease. <i>Pediatric Blood and Cancer</i> , 2014, 61, 1322-1324.	0.8	8
275	Accuracy of computed tomography angiography in the detection of pulmonary embolism in patients with high body weight. <i>European Journal of Internal Medicine</i> , 2014, 25, 724-730.	1.0	7
276	Traumatic Intracranial Injury in Intoxicated Patients With Minor Head Trauma. <i>Academic Emergency Medicine</i> , 2014, 21, 220-220.	0.8	1
277	Clinical Consensus Statement: Pediatric Chronic Rhinosinusitis. <i>Otolaryngology - Head and Neck Surgery</i> , 2014, 151, 542-553.	1.1	171
278	An assessment of the efficiency of methods for measurement of the computed tomography dose index (CTDI) for cone beam (CBCT) dosimetry by Monte Carlo simulation. <i>Physics in Medicine and Biology</i> , 2014, 59, 6307-6326.	1.6	30
279	What all physicians should know about the potential radiation risk that computed tomography poses for paediatric patients. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, 807-811.	0.7	43
280	Do acetylcholine receptor and striated muscle antibodies predict the presence of thymoma in patients with myasthenia gravis?. <i>Muscle and Nerve</i> , 2014, 49, 30-34.	1.0	31
282	Microsimulation Model of CT Versus MRI Surveillance of Bosniak IIF Renal Cystic Lesions: Should Effects of Radiation Exposure Affect Selection of Imaging Strategy?. <i>American Journal of Roentgenology</i> , 2014, 203, W629-W636.	1.0	3
283	Imaging for Appendicitis: Should Radiation-induced Cancer Risks Affect Modality Selection?. <i>Radiology</i> , 2014, 273, 472-482.	3.6	10
284	Quality Improvement Guidelines for Pediatric Gastrostomy and Gastrojejunostomy Tube Placement. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 1983-1991.	0.2	23
286	Paediatric head CT scan and subsequent risk of malignancy and benign brain tumour: a nation-wide population-based cohort study. <i>British Journal of Cancer</i> , 2014, 110, 2354-2360.	2.9	171
287	Prehospital Use of Cervical Collars in Trauma Patients: A Critical Review. <i>Journal of Neurotrauma</i> , 2014, 31, 531-540.	1.7	126
289	The disproportionate risk burden of CT scanning on females and younger adults in Australia: a retrospective cohort study. <i>Australian and New Zealand Journal of Public Health</i> , 2014, 38, 441-448.	0.8	20
290	Cancer prevention by adult-onset calorie restriction after infant exposure to ionizing radiation in B6C3F1 male mice. <i>International Journal of Cancer</i> , 2014, 135, 1038-1047.	2.3	29
291	Lower radiation exposure from body CT imaging for trauma at a dedicated pediatric hospital. <i>Journal of Pediatric Surgery</i> , 2014, 49, 1843-1845.	0.8	12
292	Methods for Clinical Evaluation of Noise Reduction Techniques in Abdominopelvic CT. <i>Radiographics</i> , 2014, 34, 849-862.	1.4	123
293	Emergency Physician Radiation Risk Communication: A Role for Shared Decision-making. <i>Academic Emergency Medicine</i> , 2014, 21, 211-213.	0.8	6
294	Research Priorities for the Influence of Gender on Diagnostic Imaging Choices in the Emergency Department Setting. <i>Academic Emergency Medicine</i> , 2014, 21, 1431-1437.	0.8	9

#	ARTICLE	IF	CITATIONS
296	Association between leukaemia and α -ray in children: A nationwide study. Journal of Paediatrics and Child Health, 2014, 50, 615-618.	0.4	5
297	Radiological Safety and Quality. , 2014, , .		4
298	Translational applications of hyperpolarized ^3He and ^{129}Xe . NMR in Biomedicine, 2014, 27, 1429-1438.	1.6	65
300	Risk of radiation-induced malignancies from CT scanning in children who underwent shunt treatment before 6 years of age: a retrospective cohort study with a minimum 10-year follow-up. Journal of Neurosurgery: Pediatrics, 2014, 13, 514-519.	0.8	21
301	The cognitive defects of neonatally irradiated mice are accompanied by changed synaptic plasticity, adult neurogenesis and neuroinflammation. Molecular Neurodegeneration, 2014, 9, 57.	4.4	95
302	Hepatic pseudoaneurysm after traumatic liver injury; is CT follow-up warranted?. Journal of Trauma Management and Outcomes, 2014, 8, 18.	0.9	34
303	Radiation Risks From Cardiovascular Imaging Tests. Circulation, 2014, 130, 442-445.	1.6	46
304	Fluoroscopy Screen Time During Contrast Enema for the Evaluation and Treatment of Intussusception. Pediatric Emergency Care, 2014, 30, 327-330.	0.5	3
305	The Role of Whole-Body MRI in Pediatric Oncology. Journal of Pediatric Hematology/Oncology, 2014, 36, 342-352.	0.3	32
306	Adult Progressive Sensorineural Hearing Loss. Otology and Neurotology, 2014, 35, 241-245.	0.7	20
307	The Role of Preoperative Imaging for Cochlear Implantation in Postlingually Deafened Adults. Otology and Neurotology, 2014, 35, 1536-1540.	0.7	9
308	Does PET/MR Imaging Improve Cancer Assessments? Literature Evidence from More Than 900 Patients. Journal of Nuclear Medicine, 2014, 55, 59S-62S.	2.8	45
309	Diagnostic Yield of Computed Tomography Scan for Pediatric Hearing Loss. Otolaryngology - Head and Neck Surgery, 2014, 151, 718-739.	1.1	25
310	External validation of the Blunt Abdominal Trauma in Children (BATiC) score. Journal of Trauma and Acute Care Surgery, 2014, 76, 1282-1287.	1.1	22
311	An Appeal for Safe and Appropriate Imaging of Children. Journal of Patient Safety, 2014, 10, 121-124.	0.7	5
312	Imaging of Pediatric Head Injury in the Emergency Department. Pediatric Emergency Care, 2014, 30, 680-685.	0.5	14
313	Is There a Relationship Between Thoracic Dimensions and Pulmonary Function in Early-Onset Scoliosis?. Spine, 2014, 39, 1590-1595.	1.0	31
314	Positron Emission Tomography/Magnetic Resonance Imaging Evaluation of Lung Cancer. Journal of Thoracic Imaging, 2014, 29, 4-16.	0.8	33

#	ARTICLE	IF	CITATIONS
315	Imaging in the Evaluation of the Young Patient With Inflammatory Bowel Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2014, 59, 429-439.	0.9	38
316	Radiation-Exposed Populations. <i>Health Physics</i> , 2014, 106, 182-195.	0.3	10
317	Radiation Impacts on Human Health. <i>Health Physics</i> , 2014, 106, 196-205.	0.3	30
318	Pediatric chronic rhinosinusitis. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2014, 22, 27-33.	0.8	18
319	Incidental Findings on Preoperative Computed Tomography for Nonsyndromic Single Suture Craniosynostosis. <i>Journal of Craniofacial Surgery</i> , 2014, 25, 1327-1330.	0.3	22
320	Ionising radiation: three game-changing studies for imaging in sports medicine. <i>British Journal of Sports Medicine</i> , 2014, 48, 677-678.	3.1	6
321	Increased cancer risk associated with CT in childhood. <i>Evidence-Based Medicine</i> , 2014, 19, 36-37.	0.6	3
322	Acute vision loss. , 0, , 91-110.		4
323	Question 1: Is ultrasound scanning as sensitive as CT in detecting skull fractures in children presenting following head injury?. <i>Archives of Disease in Childhood</i> , 2014, 99, 958-960.	1.0	7
324	Cancer risk among patients with congenital heart defects: a nationwide follow-up study. <i>Cardiology in the Young</i> , 2014, 24, 40-46.	0.4	23
325	Reduction of Radiation to Children. <i>Circulation</i> , 2014, 130, 135-137.	1.6	24
326	Short-term Outcomes of Sport- and Recreation-Related Concussion in Patients Admitted to a Pediatric Trauma Service. <i>Clinical Pediatrics</i> , 2014, 53, 784-790.	0.4	5
327	Neck computed tomography in pediatric neck mass as initial evaluation in ED: is it malpractice?. <i>American Journal of Emergency Medicine</i> , 2014, 32, 1237-1240.	0.7	15
328	Iterative Reconstruction for Head CT: Effects on Radiation Dose and Image Quality. <i>Canadian Journal of Neurological Sciences</i> , 2014, 41, 620-625.	0.3	9
329	Isolated Loss of Consciousness in Children With Minor Blunt Head Trauma. <i>JAMA Pediatrics</i> , 2014, 168, 837.	3.3	54
330	The Diagnostic Value of CT Myelography, MR Myelography, and Both in Neonatal Brachial Plexus Palsy. <i>American Journal of Neuroradiology</i> , 2014, 35, 1425-1432.	1.2	35
331	Radiological Safety and Quality: Paradigms in Leadership and Innovation. , 2014, , 3-33.		1
332	Childhood leukaemia risks: from unexplained findings near nuclear installations to recommendations for future research. <i>Journal of Radiological Protection</i> , 2014, 34, R53-R68.	0.6	13

#	ARTICLE	IF	CITATIONS
333	Imaging, Clearance, and Controversies in Pediatric Cervical Spine Trauma. <i>Pediatric Emergency Care</i> , 2014, 30, 911-915.	0.5	15
334	Intraindividual Comparison of Diagnostic Performance in Patients With Hepatic Metastasis of Full-Dose Standard and Half-Dose Iterative Reconstructions With Dual-Source Abdominal Computed Tomography. <i>Investigative Radiology</i> , 2014, 49, 195-200.	3.5	26
335	Whole-body computed tomographic scanning leads to better survival as opposed to selective scanning in trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 77, 534-539.	1.1	121
336	Nationwide Emergency Department Imaging Practices for Pediatric Urolithiasis: Room for Improvement. <i>Journal of Urology</i> , 2014, 192, 200-206.	0.2	30
337	Diagnosis and classification of Crohn's disease. <i>Autoimmunity Reviews</i> , 2014, 13, 467-471.	2.5	151
338	Radiation Dose Metrics in CT: Assessing Dose Using the National Quality Forum CT Patient Safety Measure. <i>Journal of the American College of Radiology</i> , 2014, 11, 309-315.	0.9	10
339	Comparison of the Relationship Between Bone Marrow Adipose Tissue and Volumetric Bone Mineral Density in Children and Adults. <i>Journal of Clinical Densitometry</i> , 2014, 17, 163-169.	0.5	30
340	Magnetic Resonance/Positron Emission Tomography (MR/PET) Oncologic Applications: Bone and Soft Tissue Sarcoma. <i>Seminars in Roentgenology</i> , 2014, 49, 345-352.	0.2	15
341	Routine chest computed tomography scans in pediatric blunt thoracic injuries. <i>Journal of Surgical Research</i> , 2014, 186, 93-94.	0.8	1
342	Estimated radiation exposure and cancer risk from CT and PET/CT scans in patients with lymphoma. <i>European Journal of Radiology</i> , 2014, 83, 1011-1015.	1.2	30
343	Cervical spine computed tomography utilization in pediatric trauma patients. <i>Journal of Pediatric Surgery</i> , 2014, 49, 333-337.	0.8	24
344	Distraction-Based Treatment Maintains Predicted Thoracic Dimensions in Early-Onset Scoliosis. <i>Spine Deformity</i> , 2014, 2, 203-207.	0.7	4
345	The use of computed tomography and nuclear medicine examinations in paediatric oncology: An analysis of practice in a university hospital. <i>Diagnostic and Interventional Imaging</i> , 2014, 95, 411-419.	1.8	11
346	Radiation Risk in Nuclear Medicine. <i>Seminars in Nuclear Medicine</i> , 2014, 44, 187-192.	2.5	14
347	Reprint of "Quantitative evaluation of brain development using anatomical MRI and diffusion tensor imaging". <i>International Journal of Developmental Neuroscience</i> , 2014, 32, 28-40.	0.7	0
348	Radiation exposure "how do CT scans for appendicitis compare between a free standing children's hospital and non-dedicated pediatric facilities?". <i>Journal of Pediatric Surgery</i> , 2014, 49, 1016-1019.	0.8	19
349	Radiation Exposure from Imaging Tests in Pediatric Emergency Medicine: A Survey of Physician Knowledge and Risk Disclosure Practices. <i>Journal of Emergency Medicine</i> , 2014, 47, 36-44.	0.3	25
350	Update in Pediatric Imaging. <i>Advances in Pediatrics</i> , 2014, 61, 75-125.	0.5	0

#	ARTICLE	IF	CITATIONS
352	Multidetector CT radiation dose optimisation in adults: short- and long-term effects of a clinical audit. <i>European Radiology</i> , 2014, 24, 169-175.	2.3	31
353	Dose reduction with adaptive statistical iterative reconstruction for paediatric CT: phantom study and clinical experience on chest and abdomen CT. <i>European Radiology</i> , 2014, 24, 102-111.	2.3	29
354	Fetal Radiation Dose in Prophylactic Uterine Arterial Embolization. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 942-948.	0.9	10
355	Childhood and adolescent cancer statistics, 2014. <i>Ca-A Cancer Journal for Clinicians</i> , 2014, 64, 83-103.	157.7	1,812
357	Age determination of subdural hematomas with CT and MRI: A systematic review. <i>European Journal of Radiology</i> , 2014, 83, 1257-1268.	1.2	61
358	Radiation protection and dosimetry issues in the medical applications of ionizing radiation. <i>Radiation Physics and Chemistry</i> , 2014, 104, 23-30.	1.4	7
359	Cumulative radiation dose estimates from medical imaging in paediatric patients with non-oncologic chronic illnesses. A systematic review. <i>Physica Medica</i> , 2014, 30, 403-412.	0.4	19
360	Adaptive statistical iterative reconstruction reduces patient radiation dose in neuroradiology CT studies. <i>Neuroradiology</i> , 2014, 56, 187-193.	1.1	28
361	The use of handheld near-infrared device (Infrascanner) for detecting intracranial haemorrhages in children with minor head injury. <i>Child's Nervous System</i> , 2014, 30, 477-484.	0.6	26
363	Predicted cancer risks induced by computed tomography examinations during childhood, by a quantitative risk assessment approach. <i>Radiation and Environmental Biophysics</i> , 2014, 53, 39-54.	0.6	66
364	Trends in CT scan rates in children and pregnant women: teaching, private, public and nonprofit facilities. <i>Pediatric Radiology</i> , 2014, 44, 522-528.	1.1	13
365	Radon (²²² Rn) in underground drinking water supplies of the Southern Greater Poland Region. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 299, 1307-1312.	0.7	53
366	Current knowledge on tumour induction by computed tomography should be carefully used. <i>European Radiology</i> , 2014, 24, 649-656.	2.3	15
367	Painful paediatric hip: frog-leg lateral view only!. <i>European Radiology</i> , 2014, 24, 703-708.	2.3	12
368	Childhood and parental diagnostic radiological procedures and risk of childhood brain tumors. <i>Cancer Causes and Control</i> , 2014, 25, 375-383.	0.8	8
369	Optimization of the heavy metal (Bi, W, Gd, Sb) concentrations in the elastomeric shields for computer tomography (CT). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 300, 385-391.	0.7	14
370	LOCAT (low-dose computed tomography for appendicitis trial) comparing clinical outcomes following low- vs standard-dose computed tomography as the first-line imaging test in adolescents and young adults with suspected acute appendicitis: study protocol for a randomized controlled trial. <i>Trials</i> , 2014, 15, 28.	0.7	38
371	Appropriateness of Radiology Procedures Performed in Children With Gastrointestinal Symptoms and Conditions. <i>Clinical Gastroenterology and Hepatology</i> , 2014, 12, 970-977.	2.4	4

#	ARTICLE	IF	CITATIONS
372	Paediatric CT optimisation utilising Catphan(R) 600 and age-specific anthropomorphic phantoms. Radiation Protection Dosimetry, 2014, 162, 586-596.	0.4	5
373	Subsequent cancer risk of children receiving post voiding cystourethrography: A nationwide population-based retrospective cohort study. Pediatric Nephrology, 2014, 29, 885-891.	0.9	13
374	Forensic age estimation from the clavicle using 1.0T MRI – Preliminary results. Forensic Science International, 2014, 234, 7-12.	1.3	55
375	De l'usage du scanner et des examens de médecine nucléaire en oncologie pédiatrique: analyse d'une pratique en centre hospitalier universitaire. Diagnostic and Interventional Imaging, 2014, 95, 415-423.	0.0	0
376	Imaging of Frequent Emergency Department Users with Alcohol Use Disorders. Journal of Emergency Medicine, 2014, 46, 582-587.	0.3	9
377	The Impact of the Environment on Cancer Genomics. , 2014, , 449-465.		3
378	Complications in Endodontic Surgery. , 2014, , .		15
379	Monitoring Cystic Fibrosis Lung Disease by Computed Tomography. Radiation Risk in Perspective. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 1328-1336.	2.5	111
380	The epidemiology of glioma in adults: a "state of the science" review. Neuro-Oncology, 2014, 16, 896-913.	0.6	1,586
381	Radiation from CT scans in paediatric trauma patients: Indications, effective dose, and impact on surgical decisions. Injury, 2014, 45, 164-169.	0.7	17
382	HRCT and MRI of the lung in children with cystic fibrosis: Comparison of different scoring systems. Journal of Cystic Fibrosis, 2014, 13, 198-204.	0.3	51
383	Radiologic Assessment of Lymph Nodes in Oncologic Patients. Current Radiology Reports, 2014, 2, 1.	0.4	25
384	Pediatric and Adolescent Urologic Imaging. , 2014, , .		5
385	Contrast Media. Medical Radiology, 2014, , .	0.0	19
386	Reducing Unnecessary Follow-Up Imaging for Adnexal Lesions. Journal of the American College of Radiology, 2014, 11, 745.	0.9	0
388	Children with sickle cell disease need more effective therapies, not more X-rays. Pediatric Blood and Cancer, 2014, 61, 1152-1153.	0.8	0
389	Radiation exposure from head computed tomography scans in pediatric trauma. Journal of Surgical Research, 2014, 192, 276-279.	0.8	8
390	Paediatric trauma imaging: Why do we need separate guidance?. Clinical Radiology, 2014, 69, 1209-1213.	0.5	20

#	ARTICLE	IF	CITATIONS
391	Variation in Emergency Department Head Computed Tomography Use for Pediatric Head Trauma. <i>Academic Emergency Medicine</i> , 2014, 21, 987-995.	0.8	57
392	Model-based Iterative Reconstruction: Effect on Patient Radiation Dose and Image Quality in Pediatric Body CT. <i>Radiology</i> , 2014, 270, 526-534.	3.6	97
393	The Availability and the Adherence to Pediatric Guidelines for the Management of Syncope in the Emergency Department. <i>Journal of Pediatrics</i> , 2014, 165, 967-972.e1.	0.9	19
394	Quantifying murine bone marrow and blood radiation dose response following 18F-FDG PET with DNA damage biomarkers. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 770, 29-36.	0.4	12
395	Pediatric Burkitt's Lymphoma and Diffuse B-Cell Lymphoma: Are Surveillance Scans Required?. <i>Pediatric Hematology and Oncology</i> , 2014, 31, 253-257.	0.3	25
396	Estimation of effective dose and lifetime attributable risk from multiple head CT scans in ventriculoperitoneal shunted children. <i>European Journal of Radiology</i> , 2014, 83, 1920-1924.	1.2	20
397	X-ray magnetic resonance fusion modality may reduce radiation exposure and contrast dose in diagnostic cardiac catheterization of congenital heart disease. <i>Catheterization and Cardiovascular Interventions</i> , 2014, 84, 795-800.	0.7	34
398	Using SUV as a Guide to ¹⁸ F-FDG Dose Reduction. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1998-2002.	2.8	9
399	Emergency Department Practice Variation in Computed Tomography Use for Children with Minor Blunt Head Trauma. <i>Journal of Pediatrics</i> , 2014, 165, 1201-1206.e2.	0.9	90
400	ACR Appropriateness Criteria Head Trauma—Child. <i>Journal of the American College of Radiology</i> , 2014, 11, 939-947.	0.9	49
401	Metabolic Phenotyping Reveals a Lipid Mediator Response to Ionizing Radiation. <i>Journal of Proteome Research</i> , 2014, 13, 4143-4154.	1.8	62
402	Hydrocephalus shunt technology: 20 years of experience from the Cambridge Shunt Evaluation Laboratory. <i>Journal of Neurosurgery</i> , 2014, 120, 697-707.	0.9	46
403	Clinical Evaluation of Acute Appendicitis. <i>Clinical Pediatric Emergency Medicine</i> , 2014, 15, 223-230.	0.4	1
404	Pediatric oncology surveillance imaging: Two recommendations. Abandon CT scanning, and randomize to imaging or solely clinical follow-up. <i>Pediatric Blood and Cancer</i> , 2014, 61, 3-6.	0.8	33
405	Screening for lung cancer using low dose computed tomography. <i>BMJ, The</i> , 2014, 348, g2253-g2253.	3.0	64
406	Risks from CT scans—what do recent studies tell us?. <i>Journal of Radiological Protection</i> , 2014, 34, E1.	0.6	95
407	Risk of Malignancy Associated with Head and Neck CT in Children: A Systematic Review. <i>Otolaryngology - Head and Neck Surgery</i> , 2014, 151, 554-566.	1.1	95
408	Optimization of Hybrid Iterative Reconstruction Level in Pediatric Body CT. <i>American Journal of Roentgenology</i> , 2014, 202, 426-431.	1.0	20

#	ARTICLE	IF	CITATIONS
409	Pediatric Critical Care. Emergency Medicine Clinics of North America, 2014, 32, 939-954.	0.5	4
410	Comparison of MRI- and CT-based patient-specific guides for total knee arthroplasty. Knee, 2014, 21, 1238-1243.	0.8	31
411	Neurointerventions in Children: Radiation Exposure and Its Import. American Journal of Neuroradiology, 2014, 35, 650-656.	1.2	47
412	Author's Reply. Journal of the American College of Radiology, 2014, 11, 746-747.	0.9	0
413	CT Radiation Dose Optimization Is Not Advisable in View of Current Knowledge. Journal of the American College of Radiology, 2014, 11, 745-746.	0.9	0
414	Gamma Knife radiosurgery for sellar and parasellar meningiomas: a multicenter study. Journal of Neurosurgery, 2014, 120, 1268-1277.	0.9	83
416	Epidemiology of childhood leukemia in the presence and absence of Down syndrome. Cancer Epidemiology, 2014, 38, 479-489.	0.8	41
417	Ionizing Radiation-Inducible miR-27b Suppresses Leukemia Proliferation via Targeting Cyclin A2. International Journal of Radiation Oncology Biology Physics, 2014, 90, 53-62.	0.4	14
418	Radiation Exposure in Gastroenterology: Improving Patient and Staff Protection. American Journal of Gastroenterology, 2014, 109, 1180-1194.	0.2	18
419	Doctor, is a CT scan safe for my child?. British Journal of Radiology, 2014, 87, 20130517.	1.0	10
420	What we know and what we don't know about cancer risks associated with radiation doses from radiological imaging. British Journal of Radiology, 2014, 87, 20130629.	1.0	60
421	Rheumatological diseases and cancer: the hidden variable of radiation exposure. Annals of the Rheumatic Diseases, 2014, 73, 2065-2068.	0.5	22
422	Neonatal exposure to a moderate dose of ionizing radiation causes behavioural defects and altered levels of tau protein in mice. NeuroToxicology, 2014, 45, 48-55.	1.4	27
423	A prospective observational study to assess the diagnostic accuracy of clinical decision rules for children presenting to emergency departments after head injuries (protocol): the Australasian Paediatric Head Injury Rules Study (APHIRST). BMC Pediatrics, 2014, 14, 148.	0.7	58
424	Effectiveness of the head CT choice decision aid in parents of children with minor head trauma: study protocol for a multicenter randomized trial. Trials, 2014, 15, 253.	0.7	37
425	Childhood Brain Tumor Epidemiology: A Brain Tumor Epidemiology Consortium Review. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2716-2736.	1.1	290
426	Polo-like kinase 3 regulates CtIP during DNA double-strand break repair in G1. Journal of Cell Biology, 2014, 206, 877-894.	2.3	92
427	Unusual Presentations of Melanoma. Surgical Clinics of North America, 2014, 94, 1059-1073.	0.5	8

#	ARTICLE	IF	CITATIONS
428	â€œBlack Boneâ€•MRI: a potential alternative to CT with three-dimensional reconstruction of the craniofacial skeleton in the diagnosis of craniosynostosis. <i>European Radiology</i> , 2014, 24, 2417-2426.	2.3	102
429	Low-dose chest computed tomography for quantitative and visual anatomical analysis in patients with acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2014, 40, 691-699.	3.9	28
430	Nationwide radiation dose survey of computed tomography for fetal skeletal dysplasias. <i>Pediatric Radiology</i> , 2014, 44, 971-979.	1.1	13
431	Evaluation of the impact of organ-specific dose reduction on image quality in pediatric chest computed tomography. <i>Pediatric Radiology</i> , 2014, 44, 1065-1069.	1.1	9
432	γ -H2AX foci are increased in lymphocytes in vivo in young children 1Âh after very low-dose X-irradiation: a pilot study. <i>Pediatric Radiology</i> , 2014, 44, 1310-1317.	1.1	41
433	Relapse surveillance in AFP-positive hepatoblastoma: re-evaluating the role of imaging. <i>Pediatric Radiology</i> , 2014, 44, 1275-1280.	1.1	29
434	Response to letter by Doss: addition of diagnostic CT scan does not increase the cancer risk in patients undergoing SPECT studies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 148-149.	3.3	0
435	Ultra-low-dose computed tomographic angiography with model-based iterative reconstruction compared with standard-dose imaging after endovascular aneurysm repair: a prospective pilot study. <i>Abdominal Imaging</i> , 2014, 39, 1297-1303.	2.0	8
436	Low tube voltage and low contrast material volume cerebral CT angiography. <i>European Radiology</i> , 2014, 24, 1677-1685.	2.3	43
437	Major clinical features of synostotic occipital plagiocephaly: mechanisms of cranial deformations. <i>Child's Nervous System</i> , 2014, 30, 1217-1224.	0.6	12
439	Using the C7-T3 spinous processes as landmarks for the localization of thoracic spinal lesions: technique notes. <i>Neurosurgical Review</i> , 2014, 37, 147-152.	1.2	4
440	Leukemia and brain tumors among children after radiation exposure from CT scans: design and methodological opportunities of the Dutch Pediatric CT Study. <i>European Journal of Epidemiology</i> , 2014, 29, 293-301.	2.5	40
441	The European Parliament proposal for the new EU General Data Protection Regulation may severely restrict European epidemiological research. <i>European Journal of Epidemiology</i> , 2014, 29, 227-230.	2.5	24
442	Effects of Ionizing Radiation on Biological Moleculesâ€”Mechanisms of Damage and Emerging Methods of Detection. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 260-292.	2.5	545
443	Pediatric Chest and Abdominopelvic CT: Organ Dose Estimation Based on 42 Patient Models. <i>Radiology</i> , 2014, 270, 535-547.	3.6	51
444	The Image Gently in Dentistry campaign: promotion of responsible use of maxillofacial radiology in dentistry for children. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2014, 118, 257-261.	0.2	67
445	Prospective Comparison of MR Imaging and US for the Diagnosis of Pediatric Appendicitis. <i>Radiology</i> , 2014, 272, 233-240.	3.6	74
446	CT exposure in adult and paediatric patients: a review of the mechanisms of damage, relative dose and consequent possible risks. <i>Radiologia Medica</i> , 2014, 119, 803-810.	4.7	28

#	ARTICLE	IF	CITATIONS
447	Lung cancer screening with low-dose computed tomography. Memo - Magazine of European Medical Oncology, 2014, 7, 6-9.	0.3	0
448	Current challenges and future perspectives for patient safety in surgery. Patient Safety in Surgery, 2014, 8, 9.	1.1	18
449	Ultrasonography versus Computed Tomography for Suspected Nephrolithiasis. New England Journal of Medicine, 2014, 371, 1100-1110.	13.9	501
450	CT Angiography after 20 Years: A Transformation in Cardiovascular Disease Characterization Continues to Advance. Radiology, 2014, 271, 633-652.	3.6	98
451	Clinical Applications of Pediatric Positron Emission Tomography-Magnetic Resonance Imaging. Seminars in Roentgenology, 2014, 49, 353-366.	0.2	9
452	On the usefulness of structural brain imaging for young first episode inpatients with psychosis. Psychiatry Research - Neuroimaging, 2014, 224, 104-106.	0.9	23
453	Can a revised paediatric radiation dose reduction CT protocol be applied and still maintain anatomical delineation, diagnostic confidence and overall imaging quality?. British Journal of Radiology, 2014, 87, 20140032.	1.0	3
454	Emergency Department Patient Knowledge, Opinions, and Risk Tolerance Regarding Computed Tomography Scan Radiation. Journal of Emergency Medicine, 2014, 46, 208-214.	0.3	22
455	Diagnostic ionizing radiation exposure in premature patients. Journal of Perinatology, 2014, 34, 392-395.	0.9	41
456	Sarcoidosis in children: HRCT findings and correlation with pulmonary function tests. Pediatric Pulmonology, 2014, 49, 1223-1233.	1.0	22
457	Dose Reduction Efforts for Pediatric Head CT Imaging in Washington State Trauma Centers: Follow-Up Survey Results. Journal of the American College of Radiology, 2014, 11, 161-168.e3.	0.9	9
458	Multimodality Imaging Guidelines for Patients with Repaired Tetralogy of Fallot: A Report from the American Society of Echocardiography. Journal of the American Society of Echocardiography, 2014, 27, 111-141.	1.2	264
459	Introduction to the Special Issue: Radiation Dose Optimizationâ€”Improving the Safety of CT. Journal of the American College of Radiology, 2014, 11, 229-230.	0.9	9
460	Radiation Safety Knowledge and Perceptions among Residents. Academic Radiology, 2014, 21, 869-878.	1.3	53
461	Cardiac Computed Tomography of Multiple Coronary Arteries to Right Ventricle Fistulas in a Newborn With Pulmonary Atresia and Intact Ventricular Septum. Canadian Journal of Cardiology, 2014, 30, 247.e7-247.e9.	0.8	5
462	Headache in the Pediatric Emergency Service: A Medical Center Experience. Pediatrics and Neonatology, 2014, 55, 208-212.	0.3	31
463	Ionising radiation-free whole-body MRI versus 18F-fluorodeoxyglucose PET/CT scans for children and young adults with cancer: a prospective, non-randomised, single-centre study. Lancet Oncology, The, 2014, 15, 275-285.	5.1	136
464	Acute Appendicitis: Investigating an Optimal Outer Appendiceal Diameter Cut-Point in a Pediatric Population. Journal of Emergency Medicine, 2014, 46, 157-164.	0.3	18

#	ARTICLE	IF	CITATIONS
465	Are CT scans obtained at referring institutions justified prior to transfer to a pediatric trauma center?. <i>Journal of Pediatric Surgery</i> , 2014, 49, 184-188.	0.8	17
466	Outcome analysis after helmet therapy using 3D photogrammetry in patients with deformational plagiocephaly: The role of root mean square. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, 159-165.	0.5	27
467	Standardization and Optimization of CT Protocols to Achieve Low Dose. <i>Journal of the American College of Radiology</i> , 2014, 11, 271-278.	0.9	83
468	Can whole-body MRI replace 18F-fluorodeoxyglucose PET/CT?. <i>Lancet Oncology</i> , The, 2014, 15, 243-244.	5.1	6
469	Content and Style of Radiation Risk Communication for Pediatric Patients. <i>Journal of the American College of Radiology</i> , 2014, 11, 238-242.	0.9	20
470	Model-based Iterative Reconstruction: A Promising Algorithm for Today's Computed Tomography Imaging. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2014, 45, 131-136.	0.2	59
471	Risk of Traumatic Brain Injuries in Children Younger than 24 Months With Isolated Scalp Hematomas. <i>Annals of Emergency Medicine</i> , 2014, 64, 153-162.	0.3	66
472	Comparison of PECARN, CATCH, and CHALICE Rules for Children With Minor Head Injury: A Prospective Cohort Study. <i>Annals of Emergency Medicine</i> , 2014, 64, 145-152.e5.	0.3	139
473	Radiation exposure during paediatric emergency CT: Time we took notice?. <i>Journal of Pediatric Surgery</i> , 2014, 49, 305-307.	0.8	7
474	An Updated Assessment of the Risk of Radiation-Induced Neoplasia After Radiosurgery of Arteriovenous Malformations. <i>World Neurosurgery</i> , 2014, 82, 395-401.	0.7	53
475	Cumulative Exposure to Medical Radiation for Children Requiring Surgery for Congenital Heart Disease. <i>Journal of Pediatrics</i> , 2014, 164, 789-794.e10.	0.9	77
476	Benefits of ultrasound vs. computed tomography in the diagnosis of pediatric lateral neck abscesses. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014, 78, 423-426.	0.4	28
477	Zebra Hunt: Clinical Reasoning and Misdiagnosis. , 2014, , 7-17.		1
478	Potential for Adult-Based Epidemiological Studies to Characterize Overall Cancer Risks Associated with a Lifetime of CT Scans. <i>Radiation Research</i> , 2014, 181, 584-591.	0.7	13
479	Optimizing the Balance Between Radiation Dose and Image Quality in Pediatric Head CT: Findings Before and After Intensive Radiologic Staff Training. <i>American Journal of Roentgenology</i> , 2014, 202, 1309-1315.	1.0	32
480	Neuroimaging in the Evaluation of Neonatal Encephalopathy. <i>Pediatrics</i> , 2014, 133, e1508-e1517.	1.0	48
481	Database of normalised computed tomography dose index for retrospective CT dosimetry. <i>Journal of Radiological Protection</i> , 2014, 34, 363-388.	0.6	17
482	Ultrasonography/MRI Versus CT for Diagnosing Appendicitis. <i>Pediatrics</i> , 2014, 133, 586-593.	1.0	127

#	ARTICLE	IF	CITATIONS
483	Prioritizing Examination-Centered Over Patient-Centered Dose Reduction: A Hazard of Institutional "Benchmarking". American Journal of Roentgenology, 2014, 202, 1062-1068.	1.0	1
484	The Fisherman's Cards: How to Address Past and Future Radiation Exposures in Clinical Decision Making. American Journal of Roentgenology, 2014, 202, 362-367.	1.0	9
485	The Challenge of Mild Traumatic Brain Injury: Role of Biochemical Markers in Diagnosis of Brain Damage. Medicinal Research Reviews, 2014, 34, 503-531.	5.0	86
486	Computed tomography to detect life-threatening injuries in trauma: Can we (and should we) add in patients' preferences?. Injury, 2014, 45, 1500-1502.	0.7	0
487	18F-FDG PET/CT scans for children and adolescents. Lancet Oncology, The, 2014, 15, e243-e244.	5.1	2
488	Prospective observational study on diagnostic accuracy of whole-body MRI in solid small round cell tumours. Clinical Radiology, 2014, 69, 900-908.	0.5	16
489	Study of Tomography Of Nephrolithiasis Evaluation (STONE): Methodology, approach and rationale. Contemporary Clinical Trials, 2014, 38, 92-101.	0.8	10
490	Conversion factors for determining organ doses received by paediatric patients in high-resolution single slice computed tomography with narrow collimation. Zeitschrift Fur Medizinische Physik, 2014, 24, 123-137.	0.6	4
491	Remove isolated vomiting as an automatic indication for computed tomography in children with head injury. BMJ, The, 2014, 348, g2032-g2032.	3.0	0
493	An overview of exposure parameters, dose measurements and strategies for dose reduction in pediatric CT examinations. Radioprotection, 2014, 49, 9-15.	0.5	8
494	Optimizing Image Quality for Pediatric Torso Computed Tomography. Journal of Computer Assisted Tomography, 2014, 38, 786-789.	0.5	7
495	Craniectomy Gap Patency and Neosuture Formation following Endoscopic Suturectomy for Unilateral Coronal Craniosynostosis. Plastic and Reconstructive Surgery, 2014, 134, 81e-91e.	0.7	24
496	Computed Tomography Radiation Dosimetry. Journal of Computer Assisted Tomography, 2014, 38, 807-814.	0.5	8
497	Endocortical Plating of the Bandeau During Fronto-Orbital Advancement Provides Safe and Effective Osseous Stabilization. Journal of Craniofacial Surgery, 2014, 25, 1341-1345.	0.3	8
498	Combined Metopic and Unilateral Coronal Synostoses. Journal of Craniofacial Surgery, 2014, 25, 437-440.	0.3	6
499	Systematic review of the benefits and harms of whole-body computed tomography in the early management of multitrauma patients. Journal of Trauma and Acute Care Surgery, 2014, 76, 1122-1130.	1.1	54
500	Implementation of an innovative management strategy of dose and good practices in computed tomography. Physica Medica, 2014, 30, e128.	0.4	0
501	Evidence-Based Medicine. Plastic and Reconstructive Surgery, 2014, 133, 1261-1275.	0.7	114

#	ARTICLE	IF	CITATIONS
502	The Risk of Malignancy Anywhere in the Body after Linear Accelerator (LINAC) Stereotactic Radiosurgery. <i>Stereotactic and Functional Neurosurgery</i> , 2014, 92, 323-333.	0.8	12
503	Accuracy of physician-estimated probability of brain injury in children with minor head trauma. <i>Canadian Journal of Emergency Medicine</i> , 2015, 17, 387-394.	0.5	1
504	Urinary 8-Hydroxy-2-Deoxyguanosine: A Biomarker for Radiation-Induced Oxidative DNA Damage in Pediatric Cardiac Catheterization. <i>Journal of Pediatrics</i> , 2015, 167, 1369-1374.e1.	0.9	14
505	Optimizing Diagnostic Imaging in the Emergency Department. <i>Academic Emergency Medicine</i> , 2015, 22, 625-631.	0.8	35
506	Comparison of Clinician Suspicion Versus a Clinical Prediction Rule in Identifying Children at Risk for Intraabdominal Injuries After Blunt Torso Trauma. <i>Academic Emergency Medicine</i> , 2015, 22, 1034-1041.	0.8	23
507	Properties of Serial Ultrasound Clinical Diagnostic Pathway in Suspected Appendicitis and Related Computed Tomography Use. <i>Academic Emergency Medicine</i> , 2015, 22, 406-414.	0.8	44
509	Extradural Ossification Following Epidural Hematoma in Children. <i>Journal of Craniofacial Surgery</i> , 2015, 26, 1500-1503.	0.3	3
510	Evaluation of Patients With Suspected Acute Pulmonary Embolism: Best Practice Advice From the Clinical Guidelines Committee of the American College of Physicians. <i>Annals of Internal Medicine</i> , 2015, 163, 701-711.	2.0	247
511	Following aggressive B-cell lymphoma. <i>Blood</i> , 2015, 125, 3673-3674.	0.6	5
513	Republished: Pediatric Emergency Care Applied Research Network head injury clinical prediction rules are reliable in practice. <i>Postgraduate Medical Journal</i> , 2015, 91, 634-638.	0.9	9
514	Characterization of the nanoDot OSLD dosimeter in CT. <i>Medical Physics</i> , 2015, 42, 1797-1807.	1.6	43
515	Optimizing radiation dose by varying age at pediatric temporal bone CT. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 311-318.	0.8	3
516	Triage tools for detecting cervical spine injury in pediatric trauma patients. <i>The Cochrane Library</i> , 0, , .	1.5	2
517	Radiologic image formation: physical principles, technology, and radiation dose considerations. , 2015, , 667-687.		1
518	Increase in dicentric chromosome formation after a single CT scan in adults. <i>Scientific Reports</i> , 2015, 5, 13882.	1.6	34
519	Low-Dose Pelvic Computed Tomography Using Adaptive Iterative Dose Reduction 3-Dimensional Algorithm. <i>Journal of Computer Assisted Tomography</i> , 2015, 39, 629-634.	0.5	6
520	Influence of radiation quality on mouse chromosome 2 deletions in radiation-induced acute myeloid leukaemia. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 793, 48-54.	0.9	14
522	Differences in characteristics of pediatric patients undergoing computed tomography between hospitals and primary care settings: implications for assessing cancer follow-up studies. <i>Israel Journal of Health Policy Research</i> , 2015, 4, 33.	1.4	3

#	ARTICLE	IF	CITATIONS
523	Three-dimensional accurate detection of lung emphysema in rats using ultra-short and zero echo time MRI. <i>NMR in Biomedicine</i> , 2015, 28, 1471-1479.	1.6	35
524	Patterns of diagnostic imaging and associated radiation exposure among long-term survivors of young adult cancer: a population-based cohort study. <i>BMC Cancer</i> , 2015, 15, 612.	1.1	8
525	Status and potential clinical value of a transthoracic evaluation of the coronary arteries. <i>Cardiovascular Ultrasound</i> , 2015, 14, 5.	0.5	3
526	Spine Computed Tomography Radiation Dose Reduction. <i>Spine</i> , 2015, 40, 1613-1619.	1.0	4
527	Transcervical ultrasonography in the diagnosis of pediatric peritonsillar abscess. <i>Laryngoscope</i> , 2015, 125, 2799-2804.	1.1	33
528	Radiographic Evaluation of Pediatric Cerebrospinal Fluid Shunt Malfunction in the Emergency Setting. <i>Pediatric Emergency Care</i> , 2015, 31, 435-440.	0.5	31
529	Computed Tomography for Suspected Appendicitis in Children. <i>Pediatric Emergency Care</i> , 2015, 31, e21.	0.5	1
530	Reduction of Fetal Dose in Computed Tomography Using Anterior Shields. <i>Journal of Computer Assisted Tomography</i> , 2015, 39, 298-300.	0.5	13
531	The Use of Brainlab Navigation in Le Fort III Osteotomy. <i>Journal of Craniofacial Surgery</i> , 2015, 26, 616-619.	0.3	5
532	Use of sedation in children receiving computed tomography after head injuries. <i>European Journal of Emergency Medicine</i> , 2015, 22, 413-418.	0.5	21
533	Risk Acceptance and Desire for Shared Decision Making in Pediatric Computed Tomography Scans. <i>Pediatric Emergency Care</i> , 2015, 31, 759-761.	0.5	10
534	Experiences of Parents Caring for Infants with Rare Scalp Mass as Identified through a Disease-Specific Blog. <i>Journal of the American Board of Family Medicine</i> , 2015, 28, 750-758.	0.8	8
535	EPI-CT: design, challenges and epidemiological methods of an international study on cancer risk after paediatric and young adult CT. <i>Journal of Radiological Protection</i> , 2015, 35, 611-628.	0.6	48
536	The effect of regional trauma networks on paediatric trauma care in an integrated adult service. <i>European Journal of Emergency Medicine</i> , 2015, 22, 206-210.	0.5	4
537	Children's Cancer and Environmental Exposures. <i>Journal of Pediatric Hematology/Oncology</i> , 2015, 37, 491-497.	0.3	26
538	Improving Performance During Image-Guided Procedures. <i>Journal of Patient Safety</i> , 2015, 11, 230-236.	0.7	2
539	EPI-CT: design, challenges, and epidemiological methods of an international study on cancer risk after paediatric CT. <i>Journal of Radiological Protection</i> , 2015, 35, E9-E11.	0.6	5
540	Strategies for Computed Tomography Radiation Dose Reduction in Pediatric Neuroimaging. <i>Neurosurgery</i> , 2015, 77, 228-232.	0.6	11

#	ARTICLE	IF	CITATIONS
541	Clinical and Economic Impact of Duplicated Radiographic Studies in Trauma Patients Transferred to a Regional Trauma Center. <i>Journal of Orthopaedic Trauma</i> , 2015, 29, e214-e218.	0.7	13
542	Developing a Research Agenda to Optimize Diagnostic Imaging in the Emergency Department. <i>Pediatric Emergency Care</i> , 2015, 31, 876-882.	0.5	1
543	Organ Doses and Radiation Risk of Computed Tomographic Coronary Angiography in a Clinical Patient Population. <i>Journal of Computer Assisted Tomography</i> , 2015, 39, 591-597.	0.5	3
544	Functional Proton MRI in Emphysematous Rats. <i>Investigative Radiology</i> , 2015, 50, 812-820.	3.5	3
545	Magnetic Resonance Imaging of Pediatric Neurologic Emergencies. <i>Topics in Magnetic Resonance Imaging</i> , 2015, 24, 291-307.	0.7	5
546	A Comparison Between K-Wire Splinting and Intra-nasal Gauze Packing in Nasal Bone Fracture. <i>Journal of Craniofacial Surgery</i> , 2015, 26, 1624-1627.	0.3	4
547	Classification and Management of Metopic Craniosynostosis. <i>Journal of Craniofacial Surgery</i> , 2015, 26, 1812-1817.	0.3	24
548	Serum S100 β Neuroprotein Reduces Use of Cranial Computed Tomography in Children After Minor Head Trauma. <i>Shock</i> , 2015, 44, 410-416.	1.0	12
549	10. Treatment of Hydrocephalus with Shunts. , 2015, , .		0
550	La Situaciin Del CCncer En Espaaa: Informe 2015 (The Situation of Cancer in Spain: Report 2015). <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
551	Childhood exposure to ionizing radiation from computed tomography imaging in Nova Scotia. <i>Paediatrics and Child Health</i> , 2015, 20, 381-385.	0.3	2
552	Young Patients with Suspected Uncomplicated Renal Colic are Unlikely to Have Dangerous Alternative Diagnoses or Need Emergent Intervention. <i>Western Journal of Emergency Medicine</i> , 2015, 16, 269-275.	0.6	17
553	Abdominal CT Does Not Improve Outcome for Children with Suspected Acute Appendicitis. <i>Western Journal of Emergency Medicine</i> , 2015, 16, 974-982.	0.6	16
554	Treating melanoma in adolescents and young adults: challenges and solutions. <i>Clinical Oncology in Adolescents and Young Adults</i> , 2015, , 75.	0.8	2
555	Written Informed Consent for Computed Tomography of the Abdomen/Pelvis is Associated with Decreased CT Utilization in Low-Risk Emergency Department Patients. <i>Western Journal of Emergency Medicine</i> , 2015, 16, 1014-1024.	0.6	7
556	Comparative Analysis of Whole-Genome Gene Expression Changes in Cultured Human Embryonic Stem Cells in Response to Low, Clinical Diagnostic Relevant, and High Doses of Ionizing Radiation Exposure. <i>International Journal of Molecular Sciences</i> , 2015, 16, 14737-14748.	1.8	9
557	Image Gently: A campaign to promote radiation protection for children worldwide. <i>South African Journal of Radiology</i> , 2015, 19, .	0.1	1
558	S-Nitrosylation in Organs of Mice Exposed to Low or High Doses of β -Rays: The Modulating Effect of Iodine Contrast Agent at a Low Radiation Dose. <i>Proteomes</i> , 2015, 3, 56-73.	1.7	4

#	ARTICLE	IF	CITATIONS
559	Ionising radiation in the workplace. <i>BMJ</i> , The, 2015, 351, h5405.	3.0	17
560	Is Postoperative Imaging Mandatory after Meningioma Removal? Results of a Prospective Study. <i>PLoS ONE</i> , 2015, 10, e0124534.	1.1	17
561	Embryonic Medaka Model of Microglia in the Developing CNS Allowing In Vivo Analysis of Their Spatiotemporal Recruitment in Response to Irradiation. <i>PLoS ONE</i> , 2015, 10, e0127325.	1.1	12
562	Feasibility Study of Using Gemstone Spectral Imaging (GSI) and Adaptive Statistical Iterative Reconstruction (ASIR) for Reducing Radiation and Iodine Contrast Dose in Abdominal CT Patients with High BMI Values. <i>PLoS ONE</i> , 2015, 10, e0129201.	1.1	26
563	National Survey of Radiation Dose and Image Quality in Adult CT Head Scans in Taiwan. <i>PLoS ONE</i> , 2015, 10, e0131243.	1.1	3
564	Neurofibromatosis: part 2 – clinical management. <i>Arquivos De Neuro-Psiquiatria</i> , 2015, 73, 531-543.	0.3	10
565	Accelerated Compressed Sensing Based CT Image Reconstruction. <i>Computational and Mathematical Methods in Medicine</i> , 2015, 2015, 1-16.	0.7	17
566	Perception of radiation dose and potential risks of computed tomography in emergency department medical personnel. <i>Clinical and Experimental Emergency Medicine</i> , 2015, 2, 123-129.	0.5	4
567	Strategies and Scientific Basis of Dose Reduction on State-of-the-Art Multirow Detector X-Ray CT Systems. <i>Critical Reviews in Biomedical Engineering</i> , 2015, 43, 33-59.	0.5	5
568	Chest Radiography does not alter the Treatment Course for Children after Rigid Bronchoscopy. <i>American Surgeon</i> , 2015, 81, 345-348.	0.4	0
569	Impact of a State Concussion Law on Pediatric Emergency Department Visits. <i>Pediatric Emergency Care</i> , 2015, 31, 25-30.	0.5	25
570	Epidemiology of Gliomas. <i>Cancer Treatment and Research</i> , 2015, 163, 1-14.	0.2	319
571	Trends in CT Utilization for Pediatric Fall Patients in US Emergency Departments. <i>Academic Radiology</i> , 2015, 22, 898-903.	1.3	17
572	Effective radiation dosage of three-dimensional rotational angiography in children. <i>Europace</i> , 2015, 17, 611-616.	0.7	22
573	Debriefing the Brief: It is Time for the Provision of Informed Consent before Pediatric CT. <i>Radiology</i> , 2015, 275, 326-330.	3.6	10
574	Childhood extracranial neoplasms: the role of imaging in drug development and clinical trials. <i>Pediatric Radiology</i> , 2015, 45, 1600-1615.	1.1	4
575	Long-term outcome and medical radiation exposure in patients hospitalized for cardiovascular disease. <i>International Journal of Cardiology</i> , 2015, 195, 30-36.	0.8	18
576	Imaging Trauma and Polytrauma in Pediatric Patients. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
578	Limiting CT radiation dose in children with craniosynostosis: phantom study using model-based iterative reconstruction. <i>Pediatric Radiology</i> , 2015, 45, 1544-1553.	1.1	28
579	Foetal Radiation Dose During Prophylactic Occlusion Balloon Placement for Morbidly Adherent Placenta. <i>CardioVascular and Interventional Radiology</i> , 2015, 38, 1487-1493.	0.9	9
580	Chronic diseases, medical history and familial cancer, and risk of leukemia and non-Hodgkinâ€™s lymphoma in an adult population: a caseâ€“control study. <i>Cancer Causes and Control</i> , 2015, 26, 993-1002.	0.8	4
581	Evaluation of the Neonatal Airway: Laryngoscopy and Bronchoscopy. , 2015, , 209-220.		1
582	Radiation epidemiology and recent paediatric computed tomography studies. <i>Annals of the ICRP</i> , 2015, 44, 236-248.	3.0	94
583	Effect of Body Size on Dose Reduction With Longitudinal Tube Current Modulation in Pediatric Patients. <i>American Journal of Roentgenology</i> , 2015, 204, 861-864.	1.0	3
584	A Quality Assurance Initiative Targeting Radiation Exposure to Neuroscience Patients in the Intensive Care Unit. <i>Neurohospitalist</i> , The, 2015, 5, 9-14.	0.3	4
585	Observer Performance in the Detection and Classification of Malignant Hepatic Nodules and Masses with CT Image-Space Denoising and Iterative Reconstruction. <i>Radiology</i> , 2015, 276, 465-478.	3.6	51
586	CT Scanning: Is the Contrast Material Enhancing the Radiation Dose and Cancer Risk as Well as the Image?. <i>Radiology</i> , 2015, 275, 627-629.	3.6	20
587	The non-diagnostic ultrasound in appendicitis: is a non-visualized appendix the same as a negative study?. <i>Journal of Pediatric Surgery</i> , 2015, 50, 923-927.	0.8	59
588	Imaging in Cystic Fibrosis and Nonâ€“Cystic Fibrosis Bronchiectasis. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2015, 36, 194-206.	0.8	28
589	Developing a Research Agenda to Optimize Diagnostic Imaging in the Emergency Department: An Executive Summary of the 2015 <i>Academic Emergency Medicine</i> Consensus Conference. <i>Academic Emergency Medicine</i> , 2015, 22, 1363-1371.	0.8	17
590	Generation of Evidence and Translation Into Practice: Lessons Learned and Future Directions. <i>Academic Emergency Medicine</i> , 2015, 22, 1372-1379.	0.8	5
591	Variation in Pediatric Cervical Spine Computed Tomography Radiation Dose Index. <i>Academic Emergency Medicine</i> , 2015, 22, 1499-1505.	0.8	11
592	Analysis of Radiation Dose to Pediatric Patients During Computed Tomography Examinations. <i>Academic Emergency Medicine</i> , 2015, 22, 670-675.	0.8	21
593	Are Risks from Medical Imaging Still too Small to be Observed or Nonexistent?. <i>Dose-Response</i> , 2015, 13, dose-response.1.	0.7	20
594	NATIONAL DIAGNOSTIC REFERENCE LEVEL INITIATIVE FOR COMPUTED TOMOGRAPHY EXAMINATIONS IN KENYA. <i>Radiation Protection Dosimetry</i> , 2016, 168, ncv020.	0.4	18
595	Indication-based national diagnostic reference levels for paediatric CT: a new approach with proposed values. <i>Radiation Protection Dosimetry</i> , 2015, 165, 86-90.	0.4	37

#	ARTICLE	IF	CITATIONS
596	Establishment of diagnostic reference levels in computed tomography for paediatric patients in Sudan: a pilot study. <i>Radiation Protection Dosimetry</i> , 2015, 165, 91-94.	0.4	22
597	Imaging in suspected child abuse: necessity or radiation hazard?. <i>Archives of Disease in Childhood</i> , 2015, 100, 1163-1168.	1.0	33
598	Tracking of radiation exposure in pediatric stone patients: The time is now. <i>Journal of Pediatric Urology</i> , 2015, 11, 339.e1-339.e5.	0.6	30
599	Evaluation of an initiative to reduce radiation exposure from CT to children in a non-pediatric-focused facility. <i>Emergency Radiology</i> , 2015, 22, 631-641.	1.0	10
600	Changes in radiological imaging frequencies in children before and after the accident at the Fukushima Daiichi Nuclear Power Plant in Fukushima Prefecture, Japan. <i>Japanese Journal of Radiology</i> , 2015, 33, 619-626.	1.0	6
601	Pediatric Chest CT: Wide-Volume and Helical Scan Modes in 320-MDCT. <i>American Journal of Roentgenology</i> , 2015, 205, 1315-1321.	1.0	17
602	Dose reduction and image quality in CT examinations using an iterative reconstruction algorithm: a phantom study. <i>Biomedical Physics and Engineering Express</i> , 2015, 1, 045203.	0.6	3
603	An implemented MRI program to eliminate radiation from the evaluation of pediatric appendicitis. <i>Journal of Pediatric Surgery</i> , 2015, 50, 1359-1363.	0.8	67
604	Computed Tomography in the Evaluation of Pediatric Trauma. <i>Clinical Pediatric Emergency Medicine</i> , 2015, 16, 220-229.	0.4	1
605	Multiplanar reconstructed CT images increased depiction of intracranial hemorrhages in pediatric head trauma. <i>Neuroradiology</i> , 2015, 57, 1263-1268.	1.1	18
606	Radiation dose reduction in postoperative computed position control of cochlear implant electrodes in lambs – An experimental study. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2015, 79, 2348-2354.	0.4	5
607	In Reply to Wang et Al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 211-213.	0.4	0
608	Ionising radiation exposure in patients with circular frame treatment of distal tibial fractures. <i>Injury</i> , 2015, 46, 1597-1600.	0.7	2
609	Variation in Computed Tomography Imaging for Pediatric Injury-Related Emergency Visits. <i>Journal of Pediatrics</i> , 2015, 167, 897-904.e3.	0.9	25
610	Predicting Cancer Risks from Dental Computed Tomography. <i>Journal of Dental Research</i> , 2015, 94, 27-35.	2.5	21
611	Radiation Risks: What Is to Be Done?. <i>American Journal of Roentgenology</i> , 2015, 204, 124-127.	1.0	23
613	Is It the Time for Personalized Imaging Protocols in Cancer Radiation Therapy?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 659-660.	0.4	7
614	Clinical Practice Guideline. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 152, S1-43.	1.1	832

#	ARTICLE	IF	CITATIONS
615	Pediatric CT Dose Reduction for Suspected Appendicitis: A Practice Quality Improvement Project Using Artificial Gaussian Noise—Part 1, Computer Simulations. American Journal of Roentgenology, 2015, 204, W86-W94.	1.0	19
616	CT Radiation and the Risk of Cancer. Current Radiology Reports, 2015, 3, 1.	0.4	4
617	Clinical Imaging Guidelines Part 2: Risks, Benefits, Barriers, and Solutions. Journal of the American College of Radiology, 2015, 12, 158-165.	0.9	5
618	A review of cross-sectional imaging, ultrasound and nuclear medicine utilization patterns in paediatric patients in Ireland, 2003–12. British Journal of Radiology, 2015, 88, 20140767.	1.0	5
619	Field size dependent mapping of medical linear accelerator radiation leakage. Physics in Medicine and Biology, 2015, 60, 2103-2116.	1.6	12
620	Use of PET/CT instead of CT-only when planning for radiation therapy does not notably increase life years lost in children being treated for cancer. Pediatric Radiology, 2015, 45, 570-581.	1.1	4
621	Factors affecting patient movement and re-exposure in cone beam computed tomography examination. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 119, 572-578.	0.2	40
622	The Effect of Clinical Decision Support for Advanced Inpatient Imaging. Journal of the American College of Radiology, 2015, 12, 358-363.	0.9	30
623	Pediatric Cervical Spine Injury Evaluation After Blunt Trauma: A Clinical Decision Analysis. Annals of Emergency Medicine, 2015, 65, 239-247.	0.3	20
624	The concordance of ultrasound technique versus X-ray to confirm endotracheal tube position in neonates. Journal of Perinatology, 2015, 35, 481-484.	0.9	39
625	Duplication of radiology imaging studies in the emergency department: what is the cost?. Emergency Medicine Journal, 2015, 32, 144-148.	0.4	9
626	γ -H2AX foci as in vivo effect biomarker in children emphasize the importance to minimize x-ray doses in paediatric CT imaging. European Radiology, 2015, 25, 800-811.	2.3	48
627	Occipital plagiocephaly: unilateral lambdoid synostosis versus positional plagiocephaly. Archives of Disease in Childhood, 2015, 100, 152-157.	1.0	31
628	Data-driven approach for assessing utility of medical tests using electronic medical records. Journal of Biomedical Informatics, 2015, 53, 270-276.	2.5	6
629	Provision of Information to Individuals Regarding the Risks Related to Medical Radiation. Current Radiology Reports, 2015, 3, 1.	0.4	0
630	Cumulative Medical Radiation Exposure Throughout Staged Palliation of Single Ventricle Congenital Heart Disease. Pediatric Cardiology, 2015, 36, 190-195.	0.6	19
632	Orbital complications in children: differential diagnosis of a challenging disease. European Archives of Oto-Rhino-Laryngology, 2015, 272, 1157-1163.	0.8	32
633	Detection of pure ground-glass nodules in the lung by low-dose multi-detector computed tomography, with use of an iterative reconstruction method: a comparison with conventional image reconstruction by the filtered back-projection method. Japanese Journal of Radiology, 2015, 33, 113-121.	1.0	2

#	ARTICLE	IF	CITATIONS
634	Diagnostic imaging for acute appendicitis: interfacility differences in practice patterns. <i>Pediatric Surgery International</i> , 2015, 31, 355-361.	0.6	12
635	DNA double-strand breaks cooperate with loss of Ink4 and Arf tumor suppressors to generate glioblastomas with frequent Met amplification. <i>Oncogene</i> , 2015, 34, 1064-1072.	2.6	24
636	Trends of CT Utilization in North America Over the Last Decade. <i>Current Radiology Reports</i> , 2015, 3, 1.	0.4	7
637	CT Radiation Exposure: An Overview. <i>Current Radiology Reports</i> , 2015, 3, 1.	0.4	5
638	The Pediatric Emergency Care Applied Research Network intermediate-risk predictors were not associated with scanning decisions for minor head injuries. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 47-52.	0.7	12
639	A Quantitative Comparison of Noise Reduction Across Five Commercial (Hybrid and Model-Based) Iterative Reconstruction Techniques: An Anthropomorphic Phantom Study. <i>American Journal of Roentgenology</i> , 2015, 204, W176-W183.	1.0	30
640	Thyroid doses and risk to paediatric patients undergoing neck CT examinations. <i>European Radiology</i> , 2015, 25, 1883-1890.	2.3	9
641	Image quality of CT angiography with model-based iterative reconstruction in young children with congenital heart disease: comparison with filtered back projection and adaptive statistical iterative reconstruction. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 31-38.	0.7	11
642	CT enterography for Crohn's disease: optimal technique and imaging issues. <i>Abdominal Imaging</i> , 2015, 40, 938-952.	2.0	72
643	Frequency of surveillance computed tomography in non-Hodgkin lymphoma and the risk of secondary primary malignancies: A nationwide population-based study. <i>International Journal of Cancer</i> , 2015, 137, 658-665.	2.3	36
644	CT Angiography of Neonates and Infants: Comparison of Radiation Dose and Image Quality of Target Mode Prospectively ECG-Gated 320-MDCT and Ungated Helical 64-MDCT. <i>American Journal of Roentgenology</i> , 2015, 204, W184-W191.	1.0	46
645	Should radioiodine be the first-line treatment for paediatric Graves' disease?. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2015, 28, 797-804.	0.4	3
646	Prevalence of and Risk Factors for Intracranial Abnormalities in Unprovoked Seizures. <i>Pediatrics</i> , 2015, 136, e351-e360.	1.0	15
647	Brain and Central Nervous System Tumors†. , 2015, , .		0
648	Feasibility of rapid magnetic resonance imaging in pediatric acute head injury. <i>American Journal of Emergency Medicine</i> , 2015, 33, 887-890.	0.7	32
649	Mandatory Child Life Consultation and Its Impact on Pediatric MRI Workflow in an Academic Medical Center. <i>Journal of the American College of Radiology</i> , 2015, 12, 594-598.	0.9	64
650	Dose Length Products for the 10 Most Commonly Ordered CT Examinations in Adults: Analysis of Three Years of the ACR Dose Index Registry. <i>Journal of the American College of Radiology</i> , 2015, 12, 815-823.	0.9	7
651	Radiation exposure and safety practices during pediatric central line placement. <i>Journal of Pediatric Surgery</i> , 2015, 50, 992-995.	0.8	11

#	ARTICLE	IF	CITATIONS
652	Successful Dose Reduction Using Reduced Tube Voltage With Hybrid Iterative Reconstruction in Pediatric Abdominal CT. <i>American Journal of Roentgenology</i> , 2015, 205, 392-399.	1.0	27
653	Pediatric Emergency CT Scans at a Children's Hospital and at Community Hospitals: Radiation Technical Factors Are an Important Source of Radiation Exposure. <i>American Journal of Roentgenology</i> , 2015, 205, 409-413.	1.0	18
654	A New Era of Low-Dose Radiation Epidemiology. <i>Current Environmental Health Reports</i> , 2015, 2, 236-249.	3.2	20
655	Survey of volume CT dose index in Japan in 2014. <i>British Journal of Radiology</i> , 2015, 88, 20150219.	1.0	19
656	The argument for a non-operative approach to asymptomatic lung lesions. <i>Seminars in Pediatric Surgery</i> , 2015, 24, 183-186.	0.5	63
657	Timing of computed tomography scans to identify pediatric postappendectomy abscesses. <i>Journal of Surgical Research</i> , 2015, 197, 270-271.	0.8	0
658	Non-radiation risk factors for leukemia: A case-control study among chornobyl cleanup workers in Ukraine. <i>Environmental Research</i> , 2015, 142, 72-76.	3.7	13
659	Dangers associated with civil nuclear power programmes: weaponization and nuclear waste. <i>Medicine, Conflict and Survival</i> , 2015, 31, 100-122.	0.3	2
660	Long-term effects of radiation exposure on health. <i>Lancet, The</i> , 2015, 386, 469-478.	6.3	270
661	Comment on "Are the studies on cancer risk from CT scans biased by indication? Elements of answer from a large-scale cohort study in France" Evidence of confounding by predisposing factors unclear. <i>British Journal of Cancer</i> , 2015, 112, 1842-1843.	2.9	11
662	Ionising radiation and risk of death from leukaemia and lymphoma in radiation-monitored workers (INWORKS): an international cohort study. <i>Lancet Haematology</i> , 2015, 2, e276-e281.	2.2	325
663	Quality Improvement Effort to Reduce Cranial CTs for Children With Minor Blunt Head Trauma. <i>Pediatrics</i> , 2015, 136, e227-e233.	1.0	78
664	EPI-CT: in vitro assessment of the applicability of the γ -H2AX-foci assay as cellular biomarker for exposure in a multicentre study of children in diagnostic radiology. <i>International Journal of Radiation Biology</i> , 2015, 91, 653-663.	1.0	26
665	Traumatic brain injuries and computed tomography use in pediatric sports participants. <i>American Journal of Emergency Medicine</i> , 2015, 33, 1458-1464.	0.7	12
666	Submillisievert ultralow-dose CT colonography using iterative reconstruction technique: a feasibility study. <i>Acta Radiologica</i> , 2015, 56, 517-525.	0.5	19
667	Clinical evaluation of image quality and radiation dose reduction in upper abdominal computed tomography using model-based iterative reconstruction; comparison with filtered back projection and adaptive statistical iterative reconstruction. <i>European Journal of Radiology</i> , 2015, 84, 1715-1723.	1.2	31
668	When is it safe to forgo abdominal CT in blunt-injured children?. <i>Surgery</i> , 2015, 158, 408-412.	1.0	23
669	Risk factors for traumatic blunt cerebrovascular injury diagnosed by computed tomography angiography in the pediatric population: a retrospective cohort study. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 15, 599-606.	0.8	35

#	ARTICLE	IF	CITATIONS
670	Sensitivity and dose dependency of radiation-induced injury in hematopoietic stem/progenitor cells in mice. <i>Scientific Reports</i> , 2015, 5, 8055.	1.6	29
671	<i>VirtualDose</i>: a software for reporting organ doses from CT for adult and pediatric patients. <i>Physics in Medicine and Biology</i> , 2015, 60, 5601-5625.	1.6	92
672	Vy-PER: eliminating false positive detection of virus integration events in next generation sequencing data. <i>Scientific Reports</i> , 2015, 5, 11534.	1.6	42
673	CT scanning in children and risk of cancer: what three large-scale studies have demonstrated. <i>Radiation Protection Dosimetry</i> , 2015, 165, 10-12.	0.4	10
675	Investigating the necessity of computed tomographic scans in children with headaches: a retrospective review. <i>Canadian Journal of Emergency Medicine</i> , 2015, 17, 148-153.	0.5	15
676	Projected Effects of Radiation-Induced Cancers on Life Expectancy in Patients Undergoing CT Surveillance for Limited-Stage Hodgkin Lymphoma: A Markov Model. <i>American Journal of Roentgenology</i> , 2015, 204, 1228-1233.	1.0	6
677	Automated Technique to Measure Noise in Clinical CT Examinations. <i>American Journal of Roentgenology</i> , 2015, 205, W93-W99.	1.0	89
678	Head injury: triage, assessment, investigation and early management of head injury in children, young people and adults (NICE guideline CG 176). <i>Archives of Disease in Childhood: Education and Practice Edition</i> , 2015, 100, 97-100.	0.3	118
679	Cost-Effectiveness Analysis of Routine Surveillance Imaging of Patients With Diffuse Large B-Cell Lymphoma in First Remission. <i>Journal of Clinical Oncology</i> , 2015, 33, 1467-1474.	0.8	56
680	An Investigation of the Feasibility and Utility of a Low-dose Cone-beam Computed Tomography Scan Protocol for Head and Neck Cancer Patients. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2015, 46, 141-147.	0.2	1
681	Point-of-Care Ultrasonography by Pediatric Emergency Physicians. <i>Annals of Emergency Medicine</i> , 2015, 65, 472-478.	0.3	64
682	Regarding "Limiting the risks of radiation exposure in diagnostic imaging", <i>Surgery</i> , 2015, 157, 962-963.	1.0	2
683	Predictors for moderate to severe paediatric head injury derived from a surveillance registry in the emergency department. <i>Injury</i> , 2015, 46, 1270-1274.	0.7	8
684	Imaging assessment of renal injuries in children and adolescents: CT or ultrasound?. <i>Journal of Pediatric Surgery</i> , 2015, 50, 448-455.	0.8	18
685	Looking into future: challenges in radiation protection in medicine. <i>Radiation Protection Dosimetry</i> , 2015, 165, 3-6.	0.4	7
687	Evaluation of the use of automatic exposure control and automatic tube potential selection in low-dose cerebrospinal fluid shunt head CT. <i>Neuroradiology</i> , 2015, 57, 639-644.	1.1	9
688	Radiation dose and image quality in pediatric chest CT: effects of iterative reconstruction in normal weight and overweight children. <i>Pediatric Radiology</i> , 2015, 45, 337-344.	1.1	21
689	Local diagnostic reference level based on size-specific dose estimates: Assessment of pediatric abdominal/pelvic computed tomography at a Japanese national children's hospital. <i>Pediatric Radiology</i> , 2015, 45, 345-353.	1.1	34

#	ARTICLE	IF	CITATIONS
690	ALARA, Image Gently and CT-induced cancer. <i>Pediatric Radiology</i> , 2015, 45, 465-470.	1.1	67
691	Has pediatric CT practice in Japan changed since the Fukushima nuclear disaster?. <i>Pediatric Radiology</i> , 2015, 45, 1571-1574.	1.1	6
692	Age- and gender-specific estimates of cumulative CT dose over 5 years using real radiation dose tracking data in children. <i>Pediatric Radiology</i> , 2015, 45, 1282-1292.	1.1	27
693	Effective dose and organ doses estimation taking tube current modulation into account with a commercial software package. <i>European Radiology</i> , 2015, 25, 1919-1925.	2.3	3
694	Use of Model-Based Iterative Reconstruction (MBIR) in reduced-dose CT for routine follow-up of patients with malignant lymphoma: dose savings, image quality and phantom study. <i>European Radiology</i> , 2015, 25, 2362-2370.	2.3	37
695	Three-dimensional analysis of cranial and facial asymmetry after helmet therapy for positional plagiocephaly. <i>Child's Nervous System</i> , 2015, 31, 1113-1120.	0.6	14
696	Risk of cancer incidence before the age of 15 years after exposure to ionising radiation from computed tomography: results from a German cohort study. <i>Radiation and Environmental Biophysics</i> , 2015, 54, 1-12.	0.6	147
698	Minimizing Radiation Exposure in Imaging Studies: The European Experience. <i>Current Radiology Reports</i> , 2015, 3, 1.	0.4	1
699	Predictive modeling in pediatric traumatic brain injury using machine learning. <i>BMC Medical Research Methodology</i> , 2015, 15, 22.	1.4	49
700	Radiation risks knowledge in resident and fellow in paediatrics: a questionnaire survey. <i>Italian Journal of Pediatrics</i> , 2015, 41, 21.	1.0	20
701	Low-Dose Ionizing Radiation Rapidly Affects Mitochondrial and Synaptic Signaling Pathways in Murine Hippocampus and Cortex. <i>Journal of Proteome Research</i> , 2015, 14, 2055-2064.	1.8	45
702	Mutations of the human interferon alpha-2b (hIFN- α 2b) gene in occupationally protracted low dose radiation exposed personnel. <i>Cytokine</i> , 2015, 73, 181-189.	1.4	12
703	Quiet Submillimeter MR Imaging of the Lung Is Feasible with a PETRA Sequence at 1.5 T. <i>Radiology</i> , 2015, 276, 258-265.	3.6	119
704	Initial Experience with a New Image Integration Module Designed for Reducing Radiation Exposure During Electrophysiological Ablation Procedures. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 662-670.	0.8	17
705	Acute "limited" magnetic resonance imaging in childhood stroke—an illustrative case. <i>Emergency Radiology</i> , 2015, 22, 453-455.	1.0	7
706	Clinical features and biomarkers of concussion and mild traumatic brain injury in pediatric patients. <i>Annals of the New York Academy of Sciences</i> , 2015, 1345, 89-98.	1.8	21
710	The benefit of neck computed tomography compared with its harm (risk of cancer). <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 126-131.	1.1	12
711	De novo formation of brain tumors in pediatric population following therapeutic cranial irradiation. <i>Child's Nervous System</i> , 2015, 31, 893-899.	0.6	4

#	ARTICLE	IF	CITATIONS
712	On the estimation of radiation-induced cancer risks from very low doses of radiation and how to communicate these risks: Table A1.. Radiation Protection Dosimetry, 2015, 165, 17-21.	0.4	7
713	Cervical Spine Imaging in Hospitalized Children With Traumatic Brain Injury. Pediatric Emergency Care, 2015, 31, 243-249.	0.5	10
714	A study to establish international diagnostic reference levels for paediatric computed tomography. Radiation Protection Dosimetry, 2015, 165, 70-80.	0.4	45
715	Point-of-Care Ultrasonography by Pediatric Emergency Medicine Physicians. Pediatrics, 2015, 135, e1097-e1104.	1.0	11
716	Approach to Chest Computed Tomography. Clinics in Chest Medicine, 2015, 36, 127-145.	0.8	11
717	The Diagnostic Efficacy of Cone-beam Computed Tomography in Endodontics: A Systematic Review and Analysis by a Hierarchical Model of Efficacy. Journal of Endodontics, 2015, 41, 1008-1014.	1.4	68
718	Necessity of repeat head computed tomography after isolated skull fracture in the pediatric population. American Journal of Surgery, 2015, 210, 322-325.	0.9	7
719	European Code against Cancer 4th Edition: Medical exposures, including hormone therapy, and cancer. Cancer Epidemiology, 2015, 39, S107-S119.	0.8	35
720	Evaluation of Low-Contrast Detectability of Iterative Reconstruction across Multiple Institutions, CT Scanner Manufacturers, and Radiation Exposure Levels. Radiology, 2015, 277, 124-133.	3.6	24
721	Investigation of practical approaches to evaluating cumulative dose for cone beam computed tomography (CBCT) from standard CT dosimetry measurements: a Monte Carlo study. Physics in Medicine and Biology, 2015, 60, 5413-5438.	1.6	3
722	¹⁸ F-FDG PET/MRI for therapy response assessment in sarcoma: comparison of PET and MR imaging results. Clinical Imaging, 2015, 39, 866-870.	0.8	26
723	Neonatal Irradiation Leads to Persistent Proteome Alterations Involved in Synaptic Plasticity in the Mouse Hippocampus and Cortex. Journal of Proteome Research, 2015, 14, 4674-4686.	1.8	23
724	Quality of Acute Care for Patients With Urinary Stones in the United States. Urology, 2015, 86, 914-921.	0.5	12
725	Calculation of Organ Doses for a Large Number of Patients Undergoing CT Examinations. American Journal of Roentgenology, 2015, 205, 827-833.	1.0	12
726	Radiographic Evaluation of Children with Hearing Loss. Otolaryngologic Clinics of North America, 2015, 48, 913-932.	0.5	23
727	MONITORING DOSE-LENGTH PRODUCT IN COMPUTED TOMOGRAPHY OF THE CHEST CONSIDERING SEX AND BODY WEIGHT. Radiation Protection Dosimetry, 2015, 171, ncv401.	0.4	1
728	The adaptive statistical iterative reconstruction-V technique for radiation dose reduction in abdominal CT: comparison with the adaptive statistical iterative reconstruction technique. British Journal of Radiology, 2015, 88, 20150463.	1.0	72
729	Use of Imaging Techniques in Inflammatory Bowel Diseases That Minimize Radiation Exposure. Current Gastroenterology Reports, 2015, 17, 28.	1.1	7

#	ARTICLE	IF	CITATIONS
730	Trends in admission and death rates due to paediatric head injury in England, 2000–2011. <i>Archives of Disease in Childhood</i> , 2015, 100, 1136-1140.	1.0	10
731	Association of a Guardian's Report of a Child Acting Abnormally With Traumatic Brain Injury After Minor Blunt Head Trauma. <i>JAMA Pediatrics</i> , 2015, 169, 1141.	3.3	17
732	Diagnostic features of prematurely fused cranial sutures on plain skull X-rays. <i>Child's Nervous System</i> , 2015, 31, 2071-2080.	0.6	11
733	50 Years Ago in <i>The Journal of Pediatrics</i> . <i>Journal of Pediatrics</i> , 2015, 167, 820.	0.9	0
734	Risk of cancer from occupational exposure to ionising radiation: retrospective cohort study of workers in France, the United Kingdom, and the United States (INWORKS). <i>BMJ</i> , The, 2015, 351, h5359.	3.0	267
735	Response to "Are the studies on cancer risk from CT scans biased by indication? Elements of answer from a large-scale cohort study in France". <i>British Journal of Cancer</i> , 2015, 112, 1841-1842.	2.9	12
736	"The future's so bright, I gotta wear shades" Acta Paediatrica, <i>International Journal of Paediatrics</i> , 2015, 104, 7-8.	0.7	0
738	State of the Art: Iterative CT Reconstruction Techniques. <i>Radiology</i> , 2015, 276, 339-357.	3.6	519
739	Safety and efficacy of gadoteric acid in pediatric magnetic resonance imaging: overview of clinical trials and post-marketing studies. <i>Pediatric Radiology</i> , 2015, 45, 1831-1841.	1.1	14
740	Investigation of DNA Damage Dose-Response Kinetics after Ionizing Radiation Schemes Similar to CT Protocols. <i>Radiation Research</i> , 2015, 183, 701-707.	0.7	5
741	Newer Imaging Techniques for Bronchopulmonary Dysplasia. <i>Clinics in Perinatology</i> , 2015, 42, 871-887.	0.8	24
742	Answers to Common Questions About the Use and Safety of CT Scans. <i>Mayo Clinic Proceedings</i> , 2015, 90, 1380-1392.	1.4	128
743	Retrospective assessment of self-reported exposure to medical ionizing radiation: results of a feasibility study conducted in Germany. <i>BMC Research Notes</i> , 2015, 8, 300.	0.6	1
744	Physicians and Physician Trainees Rarely Identify or Address Overweight/Obesity in Hospitalized Children. <i>Journal of Pediatrics</i> , 2015, 167, 816-820.e1.	0.9	16
745	Paediatric CT dose: a multicentre audit of subspecialty practice in Australia and New Zealand. <i>European Radiology</i> , 2015, 25, 3109-3122.	2.3	12
747	CT Radiation: Key Concepts for Gentle and Wise Use. <i>Radiographics</i> , 2015, 35, 1706-1721.	1.4	84
748	Knowledge-based iterative model reconstruction (IMR) algorithm in ultralow-dose CT for evaluation of urolithiasis: evaluation of radiation dose reduction, image quality, and diagnostic performance. <i>Abdominal Imaging</i> , 2015, 40, 3137-3146.	2.0	31
749	Clinical application of "Justification" and "Optimization" principle of ALARA in pediatric CT imaging: "How many children can be protected from unnecessary radiation?" <i>European Journal of Radiology</i> , 2015, 84, 1752-1757.	1.2	77

#	ARTICLE	IF	CITATIONS
750	Alternative diagnoses at paediatric appendicitis MRI. <i>Clinical Radiology</i> , 2015, 70, 881-889.	0.5	20
751	Computed Tomography and Shifts to Alternate Imaging Modalities in Hospitalized Children. <i>Pediatrics</i> , 2015, 136, e573-e581.	1.0	36
752	Pediatric Fever of Unknown Origin. <i>Pediatrics in Review</i> , 2015, 36, 380-391.	0.2	29
753	Direct determination of radionuclides in building materials with self-absorption correction for the 63 and 186 keV ^{137}Cs -energy lines. <i>Journal of Environmental Radioactivity</i> , 2015, 150, 44-48.	0.9	17
755	Does iodinated contrast medium amplify DNA damage during exposure to radiation. <i>British Journal of Radiology</i> , 2015, 88, 20150474.	1.0	7
756	Quantitative Magnetic Resonance Imaging of Bronchopulmonary Dysplasia in the Neonatal Intensive Care Unit Environment. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 1215-1222.	2.5	74
757	The Solid Component of Radiographically Non-Growing, Post-Radiated Vestibular Schwannoma Retains Proliferative Capacity. <i>Annals of Otology, Rhinology and Laryngology</i> , 2015, 124, 834-840.	0.6	5
758	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.	1.6	2
759	The New Science of Concussion and Mild Brain Injury in Children. <i>Current Surgery Reports</i> , 2015, 3, 1.	0.4	0
760	Connexin-Related (DFNB1) Hearing Loss. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 152, 889-896.	1.1	2
761	Magnetic resonance imaging as an alternative to computed tomography in select patients with traumatic brain injury: a retrospective comparison. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 15, 529-534.	0.8	38
762	A 3D morphometric follow-up analysis after frontoorbital advancement in non-syndromic craniosynostosis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 1428-1437.	0.7	29
763	Brain tumours in paediatrics: when should they be suspected?. <i>Archives of Disease in Childhood</i> , 2015, 100, 1102-1103.	1.0	2
764	Estimated Patient Dose Indexes in Adult and Pediatric MDCT: Comparison of Automatic Tube Voltage Selection With Fixed Tube Current, Fixed Tube Voltage, and Weight-Based Protocols. <i>American Journal of Roentgenology</i> , 2015, 205, 592-598.	1.0	10
765	Assessment of dose and DNA damages in individuals exposed to low dose and low dose rate ionizing radiations during computed tomography imaging. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 789-790, 1-6.	0.9	30
766	Selective computed tomographic angiography in traumatic subarachnoid hemorrhage: a pilot study. <i>Journal of Surgical Research</i> , 2015, 199, 183-189.	0.8	7
767	Magnetic resonance imaging of acute appendicitis in pregnancy: a 5-year multiinstitutional study. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 693.e1-693.e6.	0.7	51
768	Is dedicated chest CT needed in addition to PET/CT for evaluation of pediatric oncology patients?. <i>Clinical Imaging</i> , 2015, 39, 794-798.	0.8	2

#	ARTICLE	IF	CITATIONS
769	Implementation of a split-bolus single-pass CT protocol at a UK major trauma centre to reduce excess radiation dose in trauma pan-CT. <i>Clinical Radiology</i> , 2015, 70, 1110-1115.	0.5	37
770	Retrospective study of cumulative diagnostic radiation exposure during childhood in patients with spina bifida. <i>Disability and Health Journal</i> , 2015, 8, 642-645.	1.6	11
771	Trends in Ambulatory Care for Children with Concussion and Minor Head Injury from Eastern Massachusetts between 2007 and 2013. <i>Journal of Pediatrics</i> , 2015, 167, 738-744.	0.9	52
772	Concepts and challenges in cancer risk prediction for the space radiation environment. <i>Life Sciences in Space Research</i> , 2015, 6, 92-103.	1.2	75
773	Test characteristics of quick brain MRI for shunt evaluation in children: an alternative modality to avoid radiation. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 15, 420-426.	0.8	49
774	Effective dose of dental CBCT—a meta analysis of published data and additional data for nine CBCT units. <i>Dentomaxillofacial Radiology</i> , 2015, 44, 20140197.	1.3	333
775	Management of acute aortic syndrome. <i>Nature Reviews Cardiology</i> , 2015, 12, 103-114.	6.1	85
776	Musculoskeletal Imaging Strategies and Controlling Radiation Exposure. , 2015, , 3-24.		1
777	Cost-effectiveness of the PECARN Rules in Children With Minor Head Trauma. <i>Annals of Emergency Medicine</i> , 2015, 65, 72-80.e6.	0.3	46
778	Chest Computed Tomography Predicts the Frequency of Pulmonary Exacerbations in Children with Cystic Fibrosis. <i>Annals of the American Thoracic Society</i> , 2015, 12, 64-69.	1.5	35
779	Potential cancer risk associated with CT scans: Review of epidemiological studies and ongoing studies. <i>Progress in Nuclear Energy</i> , 2015, 84, 116-119.	1.3	5
780	Radiation dose from multidetector CT studies in children: results from the first Italian nationwide survey. <i>Pediatric Radiology</i> , 2015, 45, 695-705.	1.1	37
781	Imaging Evidence and Recommendations for Traumatic Brain Injury: Conventional Neuroimaging Techniques. <i>Journal of the American College of Radiology</i> , 2015, 12, e1-e14.	0.9	125
782	Development of age-specific Japanese head phantoms for dose evaluation in paediatric head CT examinations. <i>Radiation Protection Dosimetry</i> , 2015, 163, 188-201.	0.4	6
783	Review of Kerma-Area Product and total energy incident on patients in radiography, mammography and CT. <i>Radiation Protection Dosimetry</i> , 2015, 163, 251-260.	0.4	2
784	Implementing an ultrasound-based protocol for diagnosing appendicitis while maintaining diagnostic accuracy. <i>Pediatric Radiology</i> , 2015, 45, 678-685.	1.1	22
785	Diagnostic Tests in Pediatric Pulmonology. <i>Respiratory Medicine</i> , 2015, , .	0.1	4
786	Gastrointestinal, Pancreatic and Hepatic Malignancies in Children. , 2015, , 245-269.		0

#	ARTICLE	IF	CITATIONS
787	Tumors of Lymphoid and Hematopoietic Tissues. , 2015, , 103-149.		0
788	Estimated risk of radiation-induced cancer from paediatric chest CT: two-year cohort study. Pediatric Radiology, 2015, 45, 329-336.	1.1	9
789	Are the studies on cancer risk from CT scans biased by indication? Elements of answer from a large-scale cohort study in France. British Journal of Cancer, 2015, 112, 185-193.	2.9	171
790	Half-dose abdominal CT with sinogram-affirmed iterative reconstruction technique in children " comparison with full-dose CT with filtered back projection. Pediatric Radiology, 2015, 45, 188-193.	1.1	1
791	Assessing the length of the mandibular ramus and the condylar process: a comparison of OPG, CBCT, CT, MRI, and lateral cephalometric measurements. European Journal of Orthodontics, 2015, 37, 13-21.	1.1	51
792	Prospective evaluation of prior image constrained compressed sensing (PICCS) algorithm in abdominal CT: a comparison of reduced dose with standard dose imaging. Abdominal Imaging, 2015, 40, 207-221.	2.0	6
793	Treatments for Mild and Moderate Traumatic Brain Injury. Japanese Journal of Neurosurgery, 2016, 26, 178-184.	0.0	3
795	Diagnostic Imaging: Focusing a Lens on Sex and Gender. , 0, , 163-178.		0
796	Rational Use of Computed Tomography for Individual Health Assessment in Asymptomatic Population. Chinese Medical Journal, 2016, 129, 348-356.	0.9	2
797	Importance of establishing radiation protection culture in Radiology Department. World Journal of Radiology, 2016, 8, 142.	0.5	40
798	Indicaciones de TAC de crÃ¡neo simple en pacientes menores de 2 aÃ±os con trauma encefalocraneano leve. Acta NeurolÃ³gica Colombiana, 2016, 32, 330-336.	0.0	0
799	L'Ã©chographie Ã©quivaut-elle Ã la tomodensitomÃ©trie dans la prise en charge des patients avec suspicion d'uroliothase se prÃ©sentant Ã l'urgence?. Canadian Journal of Emergency Medicine, 2016, 18, 402-404.	0.5	0
800	Correlation between effective dose and radiological risk: general concepts. Radiologia Brasileira, 2016, 49, 176-181.	0.3	3
801	NOD Scid Gamma Mice Are Permissive to Allogeneic HSC Transplantation without Prior Conditioning. International Journal of Molecular Sciences, 2016, 17, 1850.	1.8	8
802	Impact of late radiation effects on cancer survivor children: an integrative review. Einstein (Sao Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 18	0.3	0
803	Computed tomography and patient risk: Facts, perceptions and uncertainties. World Journal of Radiology, 2016, 8, 902.	0.5	178
804	ReduÃ§Ã£o da dose de radiaÃ§Ã£o em tomografia computadorizada em crianÃ§as com traumatismo cranioencefÃ¡lico nÃ£o compromete o diagnÃ³stico e a conduta. Revista Da Faculdade De CiÃªncias MÃ©dicas De Sorocaba, 2016, 18, 221-227.	0.2	1
805	Is the Linear No-Threshold Dose-Response Paradigm Still Necessary for the Assessment of Health Effects of Low Dose Radiation?. Journal of Korean Medical Science, 2016, 31, S10.	1.1	38

#	ARTICLE	IF	CITATIONS
806	Reduction of Fluoroscopic Exposure Using a New Fluoroscopy Integrating Technology in a 3D-Mapping System During Pulmonary Vein Isolation With a Circular Multipolar Irrigated Catheter. <i>International Heart Journal</i> , 2016, 57, 299-303.	0.5	10
807	Cause of Abdominal Ultrasound Diagnostic Errors in Children with Acute Appendicitis. <i>Journal of the Korean Association of Pediatric Surgeons</i> , 2016, 22, 33.	0.0	1
808	Vascular rings: a radiological review of anatomical variations. <i>Cardiovascular Journal of Africa</i> , 2016, 27, 30-36.	0.2	8
809	Clinical Decision Support for a Multicenter Trial of Pediatric Head Trauma. <i>Applied Clinical Informatics</i> , 2016, 07, 534-542.	0.8	15
810	Letter to the Editor. <i>International Journal of Risk and Safety in Medicine</i> , 2016, 28, 177-180.	0.3	1
811	A Genomic Study of DNA Alteration Events Caused by Ionizing Radiation in Human Embryonic Stem Cells via Next-Generation Sequencing. <i>Stem Cells International</i> , 2016, 2016, 1-7.	1.2	3
812	Routine Head Computed Tomography for Patients in the Emergency Room with Trauma Requires Both Thick- and Thin-Slice Images. <i>Emergency Medicine International</i> , 2016, 2016, 1-4.	0.3	7
813	Comparison of effective radiation doses from X-ray, CT, and PET/CT in pediatric patients with neuroblastoma using a dose monitoring program. <i>Diagnostic and Interventional Radiology</i> , 2016, 22, 390-394.	0.7	27
814	Pediatric Exposures to Ionizing Radiation: Carcinogenic Considerations. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1057.	1.2	129
815	Global Gene Expression Alterations as a Crucial Constituent of Human Cell Response to Low Doses of Ionizing Radiation Exposure. <i>International Journal of Molecular Sciences</i> , 2016, 17, 55.	1.8	52
816	Validation of the PECARN clinical decision rule for children with minor head trauma: a French multicenter prospective study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2016, 24, 98.	1.1	58
818	Indications for the performance of neuroimaging in children. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2016, 136, 1275-1290.	1.0	6
819	Fluoroscopy integrating technology in a 3D mapping system during ablation of atrial arrhythmias: first experiences. <i>Archives of Medical Science</i> , 2018, 14, 794-800.	0.4	2
820	Multimodality Imaging in Pediatric Osteosarcoma in the Era of Image Gently and Image Wisely Campaign With a Close Look at the CT Scan Radiation Dose. <i>Journal of Pediatric Hematology/Oncology</i> , 2016, 38, 227-231.	0.3	2
821	Discussion. <i>Plastic and Reconstructive Surgery</i> , 2016, 137, 214-215.	0.7	24
822	Low-Contrast and Low-Radiation Dose Protocol in Cardiac Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2016, 40, 941-947.	0.5	22
824	Comparison of Prediction Rules and Clinician Suspicion for Identifying Children With Clinically Important Brain Injuries After Blunt Head Trauma. <i>Academic Emergency Medicine</i> , 2016, 23, 566-575.	0.8	36
825	Imaging for urolithiasis. <i>Current Opinion in Urology</i> , 2016, 26, 56-62.	0.9	22

#	ARTICLE	IF	CITATIONS
826	Management of paediatric periorbital cellulitis: Our experience of 243 children managed according to a standardised protocol 2012â€“2015. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2016, 87, 134-138.	0.4	37
827	Comprehensive Oncologic Imaging in Infants and Preschool Children With Substantially Reduced Radiation Exposure Using Combined Simultaneous 18F-Fluorodeoxyglucose Positron Emission Tomography/Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2016, 51, 7-14.	3.5	58
828	Does Routine Imaging of Patients for Progression or Relapse Improve Survival in Rhabdomyosarcoma?. <i>Pediatric Blood and Cancer</i> , 2016, 63, 202-205.	0.8	22
829	Urinary biomarkers in pediatric appendicitis. <i>Pediatric Surgery International</i> , 2016, 32, 795-804.	0.6	16
830	Software-based PET-MR image coregistration: combined PET-MRI for the rest of us!. <i>Pediatric Radiology</i> , 2016, 46, 1552-1561.	1.1	12
831	Inferences, Risk Modeling, and Prediction of Health Effects of Ionizing Radiation. <i>Health Physics</i> , 2016, 110, 271-273.	0.3	6
832	A Reduction in Radiation Exposure During Pediatric Craniofacial Computed Tomography. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 331-333.	0.3	5
833	Imaging before transfer to designated pediatric trauma centers exposes children to excess radiation. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 81, 229-235.	1.1	9
834	Computed Tomography in Pediatric Traumatic Brain Injury: Who Needs It and How Is It Scored?. <i>Journal of Pediatric Neuroradiology</i> , 2016, 05, 013-019.	0.1	1
835	A Liver Phantom Study. <i>Journal of Computer Assisted Tomography</i> , 2016, 40, 735-739.	0.5	3
836	Fully automated liver segmentation using Sobolev gradientâ€“based level set evolution. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2016, 32, e02765.	1.0	37
837	Scalp Hematoma Characteristics Associated With Intracranial Injury in Pediatric Minor Head Injury. <i>Academic Emergency Medicine</i> , 2016, 23, 576-583.	0.8	26
838	Transthoracic Echocardiographyâ€“Guided Percutaneous Patent Ductus Arteriosus Occlusion: A New Strategy for Interventional Treatment. <i>Echocardiography</i> , 2016, 33, 1040-1045.	0.3	21
839	Environmental Exposure and Risk of Childhood Leukemia: An Overview. <i>Archives of Medical Research</i> , 2016, 47, 607-614.	1.5	80
840	Effects of Chronic Low-Dose Radiation on Human Neural Progenitor Cells. <i>Scientific Reports</i> , 2016, 6, 20027.	1.6	29
841	Radiation intensity () and visibility of anatomical structures in head CT examinations. <i>Journal of Applied Clinical Medical Physics</i> , 2016, 17, 293-300.	0.8	2
842	Image texture and radiation dose properties in CT. <i>Journal of Applied Clinical Medical Physics</i> , 2016, 17, 408-418.	0.8	2
843	Selecting children for head CT following head injury. <i>Archives of Disease in Childhood</i> , 2016, 101, 929-934.	1.0	13

#	ARTICLE	IF	CITATIONS
844	Radiobiology in Cardiovascular Imaging. JACC: Cardiovascular Imaging, 2016, 9, 1446-1461.	2.3	12
845	Early detection and sensitive monitoring of CF lung disease: Prospects of improved and safer imaging. Pediatric Pulmonology, 2016, 51, S49-S60.	1.0	44
846	Criteria for CT and Initial Management of Head Injured Infants: A Review. Neurologia Medico-Chirurgica, 2016, 56, 442-448.	1.0	5
847	Patterns and trends of computed tomography usage in outpatients of the Brazilian public healthcare system, 2001â€“2011. Journal of Radiological Protection, 2016, 36, 547-560.	0.6	15
848	A new hand-held microfluidic cytometer for evaluating irradiation damage by analysis of the damaged cells distribution. Scientific Reports, 2016, 6, 23165.	1.6	10
849	Choosing Wrong. Pediatrics, 2016, 138, .	1.0	0
850	Confounding of the association between radiation exposure from CT scans and risk of leukemia and brain tumors by cancer susceptibility syndromes. Journal of Radiological Protection, 2016, 36, 953-974.	0.6	25
851	Spectrum, Applicability and Diagnostic Capacity of Contrast-Enhanced Ultrasound in Pediatric Patients and Young Adults after Intravenous Application â€“ A Retrospective Trial. Ultraschall in Der Medizin, 2016, 37, 619-626.	0.8	25
852	Disparities in the Context of Opportunities for Cancer Prevention in Early Life. Pediatrics, 2016, 138, S65-S77.	1.0	6
853	The radiology informed consent form: recommendations from the European Society of Cardiology position paper. Journal of Radiological Protection, 2016, 36, S175-S186.	0.6	6
854	Low-Contrast Detail Phantom: Proof of Concept. Journal of Medical Imaging and Radiation Sciences, 2016, 47, 60-65.	0.2	9
856	Exposure to ionizing radiation and brain cancer incidence: The Life Span Study cohort. Cancer Epidemiology, 2016, 42, 60-65.	0.8	31
857	Impact of the Adaptive Statistical Iterative Reconstruction Technique on Radiation Dose and Image Quality in Bone SPECT/CT. Journal of Nuclear Medicine, 2016, 57, 1091-1095.	2.8	15
858	Treatment options in the young patient with Graves' disease. Clinical Endocrinology, 2016, 85, 161-164.	1.2	12
860	The Impact of a Preauthorization Policy on the After-hours Utilization of Emergency Department Computed Tomography Imaging. Academic Radiology, 2016, 23, 588-591.	1.3	3
861	Magnetic resonance imaging in pediatric appendicitis: a systematic review. Pediatric Radiology, 2016, 46, 928-939.	1.1	84
862	Staged imaging pathway for the evaluation of pediatric appendicitis. Pediatric Surgery International, 2016, 32, 671-678.	0.6	10
863	Pediatric Oncologic Imaging: A Key Application of Combined PET/MRI. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2016, 188, 359-364.	0.7	20

#	ARTICLE	IF	CITATIONS
864	Safety and Feasibility of a Minimally Fluoroscopic Approach for Ventricular Tachycardia Ablation in Patients With Structural Heart Disease. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, e003706.	2.1	24
865	Scandinavian guidelines for initial management of minor and moderate head trauma in children. <i>BMC Medicine</i> , 2016, 14, 33.	2.3	64
866	Diagn�stico das deformidades cranianas sinost�ticas e n�o sinost�ticas em beb�s: uma revis�o para pediatras. <i>Revista Paulista De Pediatria</i> , 2016, 34, 495-502.	0.4	12
867	Understanding the problem of a parent�s fear of their child getting cancer from CT scan radiation. <i>Journal of Pediatric Surgery</i> , 2016, 51, 1222-1227.	0.8	9
868	Prospective validation of a biomarker panel to identify pediatric ED patients with abdominal pain who are at low risk for acute appendicitis. <i>American Journal of Emergency Medicine</i> , 2016, 34, 1373-1382.	0.7	9
869	CT versus ultrasound guidance for percutaneous drainages in the pediatric population: an institutional review meant to limit radiation. <i>Clinical Imaging</i> , 2016, 40, 431-434.	0.8	2
870	Mouse models for radiation-induced cancers. <i>Mutagenesis</i> , 2016, 31, 491-509.	1.0	31
871	Imaging of Pediatric Stroke. <i>Indian Journal of Pediatrics</i> , 2016, 83, 983-994.	0.3	6
872	DNA methylation as a potential mediator of environmental risks in the development of childhood acute lymphoblastic leukemia. <i>Epigenomics</i> , 2016, 8, 519-536.	1.0	32
873	Optimization of the pediatric head computed tomography scan image quality: Reducing dose with an automatic tube potential selection in infants. <i>Journal of Neuroradiology</i> , 2016, 43, 398-403.	0.6	6
874	Assessment of Pediatric Neurotrauma Imaging Appropriateness at a Level I Pediatric Trauma Center. <i>Journal of the American College of Radiology</i> , 2016, 13, 788-793.	0.9	4
875	CT dose reduction using Automatic Exposure Control and iterative reconstruction: A chest paediatric phantoms study. <i>Physica Medica</i> , 2016, 32, 582-589.	0.4	26
876	Developmental effects of fractionated low-dose exposure to gamma radiation on behaviour and susceptibility of the cholinergic system in mice. <i>International Journal of Radiation Biology</i> , 2016, 92, 371-379.	1.0	6
877	Rapid MRI evaluation of acute intracranial hemorrhage in pediatric head trauma. <i>Neuroradiology</i> , 2016, 58, 793-799.	1.1	36
878	Hybrid FDG-PET/MR compared to FDG-PET/CT in adult lymphoma patients. <i>Abdominal Radiology</i> , 2016, 41, 1338-1348.	1.0	54
879	Pediatric and adult trauma centers differ in evaluation, treatment, and outcomes for severely injured adolescents. <i>Journal of Pediatric Surgery</i> , 2016, 51, 1346-1350.	0.8	55
880	NEED FOR INDIVIDUAL CANCER RISK ESTIMATES IN X-RAY AND NUCLEAR MEDICINE IMAGING. <i>Radiation Protection Dosimetry</i> , 2016, 169, 11-16.	0.4	15
881	Reducing Radiation Dose in Adult Head CT using Iterative Reconstruction � A Clinical Study in 177 Patients. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2016, 188, 155-162.	0.7	10

#	ARTICLE	IF	CITATIONS
882	Juvenile arthritis: current concepts in terminology, etiopathogenesis, diagnosis, and management. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2016, 45, 801-812.	0.7	47
883	Non-targeted effects and radiation-induced carcinogenesis: a review. <i>Journal of Radiological Protection</i> , 2016, 36, R23-R35.	0.6	33
884	Comparison of non-sedated brain MRI and CT for the detection of acute traumatic injury in children 6 years of age or less. <i>Emergency Radiology</i> , 2016, 23, 325-331.	1.0	29
885	Point: Should the ALARA Concept and Image Gently Campaign Be Terminated?. <i>Journal of the American College of Radiology</i> , 2016, 13, 1195-1198.	0.9	20
886	Defining optimal tracer activities in pediatric oncologic whole-body 18F-FDG-PET/MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 2283-2289.	3.3	42
887	The Detection of Focal Liver Lesions Using Abdominal CT: A Comparison of Image Quality Between Adaptive Statistical Iterative Reconstruction V and Adaptive Statistical Iterative Reconstruction. <i>Academic Radiology</i> , 2016, 23, 1532-1538.	1.3	21
888	Charges associated with imaging techniques in evaluation of pediatric hearing loss. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2016, 89, 25-27.	0.4	6
889	Variation in advanced imaging for pediatric patients with abdominal pain discharged from the ED. <i>American Journal of Emergency Medicine</i> , 2016, 34, 2320-2325.	0.7	27
890	Leukocyte DNA damage after reduced and conventional absorbed radiation doses using 3rd generation dual-source CT technology. <i>European Journal of Radiology Open</i> , 2016, 3, 134-137.	0.7	11
891	Postoperative diffusion weighted MRI and preoperative CT scan fusion for residual cholesteatoma localization. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2016, 90, 259-263.	0.4	13
892	Knowing the Enemy: Health Care Provider Knowledge of Computed Tomography Radiation Dose and Associated Risks. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2016, 47, 243-250.	0.2	6
893	Utilidad de las reglas de decisi3n cl3nica PECARN como predictor de lesi3n intracraneana en el trauma craneo encef3lico catalogado como leve en la poblaci3n pedi3trica de Tunja, Boyac3. <i>Pediatría</i> , 2016, 49, 78-83.	0.2	1
894	PET/RM simult3nea vs. PET/TC en oncolog3a. Una revisi3n sistem3tica. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2016, 35, 306-312.	0.0	32
895	Pediatric Inflammatory Neck Mass. <i>Current Treatment Options in Pediatrics</i> , 2016, 2, 216-223.	0.2	0
896	Efficacy of high-pitch CT protocols for radiation dose reduction. <i>Journal of Radiological Protection</i> , 2016, 36, N57-N66.	0.6	14
897	Overuse of Medical Imaging and Its Radiation Exposure. <i>JAMA Pediatrics</i> , 2016, 170, 1037.	3.3	9
898	Pomegranate Intake Protects Against Genomic Instability Induced by Medical X-rays In Vivo in Mice. <i>Nutrition and Cancer</i> , 2016, 68, 1349-1356.	0.9	6
899	Individual response to ionizing radiation. <i>Mutation Research - Reviews in Mutation Research</i> , 2016, 770, 369-386.	2.4	124

#	ARTICLE	IF	CITATIONS
900	Evaluation of paediatric radiology services in hospitals in the UK. <i>Clinical Radiology</i> , 2016, 71, 1263-1267.	0.5	13
901	Abdomen/pelvis computed tomography in staging of pediatric Hodgkin Lymphoma: is it always necessary?. <i>Cancer Medicine</i> , 2016, 5, 2359-2367.	1.3	1
902	Dose reduction in paediatric cranial CT via iterative reconstruction: a clinical study in 78 patients. <i>Clinical Radiology</i> , 2016, 71, 1168-1177.	0.5	9
903	What do recent epidemiological studies tell us about the risk of cancer from radiation doses typical of diagnostic radiography?. <i>Radiography</i> , 2016, 22, S41-S46.	1.1	9
904	Management of neutropenic patients in the intensive care unit (NEWBORNS EXCLUDED) recommendations from an expert panel from the French Intensive Care Society (SRLF) with the French Group for Pediatric Intensive Care Emergencies (GFRUP), the French Society of Anesthesia and Intensive Care (SFAR), the French Society of Hematology (SFH), the French Society for Hospital Hygiene (SF2H), and the French Infectious Diseases Society (SPILF). <i>Annals of Intensive Care</i> , 2016, 6, 90.	2.2	27
905	Radiation Risk to the Fluoroscopy Operator and Staff. <i>American Journal of Roentgenology</i> , 2016, 207, 737-744.	1.0	47
906	The Frontal Sinus. , 2016, , .		7
907	A Comprehensive Initiative to Prevent Falls Among Newborns. <i>Nursing for Women's Health</i> , 2016, 20, 247-257.	0.3	20
908	Derivation of Australian diagnostic reference levels for paediatric multi detector computed tomography. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2016, 39, 615-626.	1.4	14
909	Practice Guidelines for Primary Care of Acute Abdomen 2015. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2016, 23, 3-36.	1.4	14
910	<scp>CT</scp> and radiation dose: Where are we now?. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2016, 60, 21-22.	0.9	1
911	Hot Off the Press: Comparison of Clinical Suspicion Versus a Clinical Prediction Rule When Evaluating Children Following Blunt Torso Trauma. <i>Academic Emergency Medicine</i> , 2016, 23, 110-112.	0.8	0
912	Ultrasound of paediatric appendicitis and its secondary sonographic signs: providing a more meaningful finding. <i>Journal of Medical Radiation Sciences</i> , 2016, 63, 59-66.	0.8	24
913	Diagnostic reference levels of paediatric computed tomography examinations performed at a dedicated Australian paediatric hospital. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2016, 60, 475-484.	0.9	14
914	Comparison of Lung Clearance Index and Magnetic Resonance Imaging for Assessment of Lung Disease in Children with Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 349-359.	2.5	169
915	Utility of dual-energy spectral CT and low-iodine contrast medium in DIEP angiography. <i>International Journal of Clinical Practice</i> , 2016, 70, B64-B71.	0.8	4
916	Protracted Bacterial Bronchitis in Children. <i>Chest</i> , 2016, 150, 1101-1108.	0.4	113
917	Comments on potential health effects of MRI-induced DNA lesions: quality is more important to consider than quantity. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 1230-1238.	0.5	20

#	ARTICLE	IF	CITATIONS
918	CT Radiation Dose Management: A Comprehensive Optimization Process for Improving Patient Safety. <i>Radiology</i> , 2016, 280, 663-673.	3.6	53
919	Effects of ionizing radiation on the mammalian brain. <i>Mutation Research - Reviews in Mutation Research</i> , 2016, 770, 219-230.	2.4	71
920	Childhood Leukemia and Primary Prevention. <i>Current Problems in Pediatric and Adolescent Health Care</i> , 2016, 46, 317-352.	0.8	89
921	Medical conditions associated with the use of CT in children and young adults, Great Britain, 1995-2008. <i>British Journal of Radiology</i> , 2016, 89, 20160532.	1.0	10
922	The radiographers' role in information giving prior to consent for computed tomography scans: A cross-sectional survey. <i>Radiography</i> , 2016, 22, e252-e257.	1.1	13
923	PET/MR Imaging in Musculoskeletal Disorders. <i>PET Clinics</i> , 2016, 11, 453-463.	1.5	22
924	Simultaneous PET/MRI vs. PET/CT in oncology. A systematic review. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2016, 35, 306-312.	0.1	30
925	Clinical evaluation of a dose monitoring software tool based on Monte Carlo Simulation in assessment of eye lens doses for cranial CT scans. <i>Neuroradiology</i> , 2016, 58, 955-959.	1.1	7
926	Non-invasive intracranial pressure assessment. <i>Child's Nervous System</i> , 2016, 32, 1587-1597.	0.6	23
928	X-ray Use in Chest Imaging in Emergency Department on the Basis of Cost and Effectiveness. <i>Academic Radiology</i> , 2016, 23, 1239-1245.	1.3	11
929	Reducing CT radiation exposure with organ effective modulation: A retrospective clinical study. <i>European Journal of Radiology</i> , 2016, 85, 1569-1573.	1.2	19
930	Organotypic culture in three dimensions prevents radiation-induced transformation in human lung epithelial cells. <i>Scientific Reports</i> , 2016, 6, 31669.	1.6	4
932	Sensitive Detection of Radiation-Induced Medulloblastomas after Acute or Protracted Gamma-Ray Exposures in Ptch1 Heterozygous Mice Using a Radiation-Specific Molecular Signature. <i>Radiation Research</i> , 2016, 186, 407.	0.7	22
933	CT dose reduction: approaches, strategies and results from a province-wide program in Quebec. <i>Journal of Radiological Protection</i> , 2016, 36, 346-362.	0.6	4
934	Comparison of Effective Dose and Image Quality for Newborn Imaging on Seven Commonly Used CT Scanners. <i>Radiation Protection Dosimetry</i> , 2017, 174, 510-517.	0.4	3
935	Always on my mind: Headache in children. <i>EMA - Emergency Medicine Australasia</i> , 2016, 28, 376-378.	0.5	5
936	Coronary and cerebrovascular interventions. <i>European Heart Journal</i> , 2016, 37, 3061-3063.	1.0	0
937	Clinical features and prognosis of patients with myelodysplastic syndromes who were exposed to atomic bomb radiation in Nagasaki. <i>Cancer Science</i> , 2016, 107, 1484-1491.	1.7	9

#	ARTICLE	IF	CITATIONS
938	Gold Nanoparticles for the Treatment of Malignant Gliomas. , 2016, , 151-176.		2
939	Risk Communication Strategies: Lessons Learned from Previous Disasters with a Focus on the Fukushima Radiation Accident. Current Environmental Health Reports, 2016, 3, 348-359.	3.2	13
940	Childhood CT scans and cancer risk: impact of predisposing factors for cancer on the risk estimates. Journal of Radiological Protection, 2016, 36, N1-N7.	0.6	44
941	Results from a phantom based multi-centre paediatric computed tomography dose survey. Australasian Physical and Engineering Sciences in Medicine, 2016, 39, 885-893.	1.4	2
942	Evaluation of clinicians' knowledge and practices regarding medical radiological exposure: findings from a mixed-methods investigation (survey and qualitative study). BMJ Open, 2016, 6, e012361.	0.8	10
943	Construction of personalized computational phantoms of pregnant patients for assessment of CT radiation dose. , 2016, , .		0
944	Influence of CT utilisation on patient flow in the emergency department: a retrospective 1-year cohort study. BMJ Open, 2016, 6, e010815.	0.8	10
946	CT radiation dose awareness among paediatricians. Italian Journal of Pediatrics, 2016, 42, 77.	1.0	15
947	Clearing the Pediatric Cervical Spine. Current Trauma Reports, 2016, 2, 210-215.	0.6	3
948	Radiation dose reduction based on CNR index with low-tube voltage scan for pediatric CT scan: experimental study using anthropomorphic phantoms. SpringerPlus, 2016, 5, 2064.	1.2	11
949	The Think A-Head campaign: an introduction to ImageGently 2.0. Pediatric Radiology, 2016, 46, 1774-1779.	1.1	11
950	The Practice Guidelines for Primary Care of Acute Abdomen 2015. Journal of General and Family Medicine, 2016, 17, 5-52.	0.3	4
951	The Role of Limited Head Computed Tomography in the Evaluation of Pediatric Ventriculoperitoneal Shunt Malfunction. Pediatric Emergency Care, 2016, 32, 585-589.	0.5	16
952	Acute Mastoiditis in Children. Pediatric Infectious Disease Journal, 2016, 35, 30-34.	1.1	22
953	Radiation Protection in Pediatric Radiology. Health Physics, 2016, 111, 393-397.	0.3	1
954	Diagnosis of a Peritonsillar Abscess by Transcutaneous Point-of-Care Ultrasound in the Pediatric Emergency Department. Pediatric Emergency Care, 2016, 32, 489-492.	0.5	4
955	Third-generation dual-source 70-kVp chest CT angiography with advanced iterative reconstruction in young children: image quality and radiation dose reduction. Pediatric Radiology, 2016, 46, 462-472.	1.1	39
956	Comparison of filtered back projection and iterative reconstruction in diagnosing appendicitis at 2-mSv CT. Abdominal Radiology, 2016, 41, 1227-1236.	1.0	10

#	ARTICLE	IF	CITATIONS
957	Organ-based tube current modulation in a clinical context: Dose reduction may be largely overestimated in breast tissue. <i>European Radiology</i> , 2016, 26, 2656-2662.	2.3	17
958	Head CT: Image quality improvement of posterior fossa and radiation dose reduction with ASiR - comparative studies of CT head examinations. <i>European Radiology</i> , 2016, 26, 3691-3696.	2.3	17
959	Frequency of paediatric medical imaging examinations performed at a European teaching hospital over a 7-year period. <i>European Radiology</i> , 2016, 26, 4221-4230.	2.3	9
960	Epidemiology Without Biology: False Paradigms, Unfounded Assumptions, and Specious Statistics in Radiation Science (with Commentaries by Inge Schmitz-Feuerhake and Christopher Busby and a Reply by) <i>TJ ETQq1ql8.784334 rgBT</i>	1.0	8
961	A report on the Academic Emergency Medicine 2015 consensus conference "Diagnostic imaging in the emergency department: a research agenda to optimize utilization" <i>Emergency Radiology</i> , 2016, 23, 383-396.	1.0	8
963	The changing use of pediatric CT in Australia. <i>Pediatric Radiology</i> , 2016, 46, 1199-1208.	1.1	11
964	Paediatric imaging radiation dose awareness and use of referral guidelines amongst radiology practitioners and radiographers. <i>Insights Into Imaging</i> , 2016, 7, 145-153.	1.6	23
965	High-Resolution Computed Tomography Examinations for Chronic Suppurative Lung Disease in Early Childhood: Radiation Exposure and Image Quality Evaluations with Iterative Reconstruction Algorithm Use. <i>Canadian Association of Radiologists Journal</i> , 2016, 67, 218-224.	1.1	1
966	Examination using modern low dose Multislice-CT (MS-CT) in otorhinolaryngology in a six-week-old baby. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2016, 85, 62-64.	0.4	0
967	Manual adjustment of tube voltage from 120 to 100 kVp during abdominal CT in patients with body weights >75 kg: assessment of image quality and radiation dose in a prospective, randomised trial. <i>Clinical Radiology</i> , 2016, 71, 615.e1-615.e6.	0.5	5
968	Impact of reduction of flux overlap region on kilovoltage cone-beam computed tomography image quality and patients' exposure dose. <i>Reports of Practical Oncology and Radiotherapy</i> , 2016, 21, 460-465.	0.3	0
969	Hazards of Ionizing Radiation and its Impact on Spine Surgery. <i>World Neurosurgery</i> , 2016, 92, 353-359.	0.7	24
970	Dystrophic calcification: A rare pediatric parotid mass. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2016, 81, 38-40.	0.4	6
971	Diagnosis of infant synostotic and nonsynostotic cranial deformities: a review for pediatricians. <i>Revista Paulista De Pediatria (English Edition)</i> , 2016, 34, 495-502.	0.3	8
972	Radioprotección y uso de contrastes en pediatria: quince años y cuarenta y cinco años. <i>Radiologia</i> , 2016, 58, 92-103.	0.3	0
973	Use of effective dose. <i>Annals of the ICRP</i> , 2016, 45, 215-224.	3.0	35
974	A chilling reminder: Pediatric facial trauma from recreational winter activities. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2016, 87, 78-82.	0.4	17
975	The Role of Neuroimaging in the Diagnosis, Treatment, and Prognosis of Traumatic Brain Injury in Children. <i>Journal of Pediatric Neuroradiology</i> , 2016, 05, 002-006.	0.1	2

#	ARTICLE	IF	CITATIONS
976	Ultra-low-dose CT Imaging of the Thorax: Decreasing the Radiation Dose by One Order of Magnitude. <i>Indian Journal of Pediatrics</i> , 2016, 83, 1479-1481.	0.3	4
977	In vivosensitivity of the embryonic and adult neural stem cell compartments to low-dose radiation. <i>Journal of Radiation Research</i> , 2016, 57, i2-i10.	0.8	18
978	A Toolkit for Pediatric CT Dose Reduction in Community Hospitals. <i>Journal of the American College of Radiology</i> , 2016, 13, 1337-1342.e11.	0.9	3
979	Assessment of DNA double-strand breaks induced by intravascular iodinated contrast media following <i>in vitro</i> irradiation and <i>in vivo</i> during paediatric cardiac catheterization. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 122-129.	0.4	13
980	Doses for post-Chernobyl epidemiological studies: are they reliable?. <i>Journal of Radiological Protection</i> , 2016, 36, R36-R73.	0.6	13
981	Point-of-Care Ultrasonography for Appendicitis Uncovers Two Alternate Diagnoses. <i>Pediatric Emergency Care</i> , 2016, 32, 262-265.	0.5	3
982	Measurement of Renal Depth in Dynamic Renal Scintigraphy Using Ultralow-Dose CT. <i>Clinical Nuclear Medicine</i> , 2016, 41, 434-441.	0.7	7
983	Relationship of Physician-identified Patient Race and Ethnicity to Use of Computed Tomography in Pediatric Blunt Torso Trauma. <i>Academic Emergency Medicine</i> , 2016, 23, 584-590.	0.8	18
984	Optimised paediatric CT dose at a tertiary children's hospital in Japan: a 4-y single-centre analysis. <i>Radiation Protection Dosimetry</i> , 2016, 168, 61-71.	0.4	5
985	3D reconstruction of rib cage geometry from biplanar radiographs using a statistical parametric model approach. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2016, 4, 281-295.	1.3	26
986	Computed tomography in trauma patients using iterative reconstruction: reducing radiation exposure without loss of image quality. <i>Acta Radiologica</i> , 2016, 57, 362-369.	0.5	29
987	Current status of fluid biomarkers in mild traumatic brain injury. <i>Experimental Neurology</i> , 2016, 275, 334-352.	2.0	105
988	Who Gets to Decide?. <i>Radiology</i> , 2016, 278, 635-637.	3.6	2
989	Reconstruction of paediatric organ doses from axial CT scans performed in the 1990s – range of doses as input to uncertainty estimates. <i>European Radiology</i> , 2016, 26, 3026-3033.	2.3	5
990	Exposure Risks Among Children Undergoing Radiation Therapy: Considerations in the Era of Image Guided Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 978-992.	0.4	40
991	Combining random forest and 2D correlation analysis to identify serum spectral signatures for neuro-oncology. <i>Analyst</i> , 2016, 141, 3668-3678.	1.7	54
992	Adherence to the guidelines of paediatric cervical spine clearance in a level I trauma centre: A single centre experience. <i>European Journal of Radiology</i> , 2016, 85, 55-60.	1.2	5
993	Determining the Minimal Required Radioactivity of ¹⁸ F-FDG for Reliable Semiquantification in PET/CT Imaging: A Phantom Study. <i>Journal of Nuclear Medicine Technology</i> , 2016, 44, 26-30.	0.4	11

#	ARTICLE	IF	CITATIONS
994	Leukocyte telomere shortening in grown-up patients with congenital heart disease. <i>International Journal of Cardiology</i> , 2016, 204, 17-22.	0.8	14
995	Cancer incidence in the vicinity of nuclear power plants in Taiwan: a population-based study. <i>Environmental Science and Pollution Research</i> , 2016, 23, 571-580.	2.7	6
996	Contrast-Enhanced Ultrasound (CEUS) for Children. , 2016, , 197-206.		0
997	The use of whole body computed tomography scans in pediatric trauma patients: Are there differences among adults and pediatric centers?. <i>Journal of Pediatric Surgery</i> , 2016, 51, 649-653.	0.8	26
998	The Practice Guidelines for Primary Care of Acute Abdomen 2015. <i>Japanese Journal of Radiology</i> , 2016, 34, 80-115.	1.0	41
999	Bismuth oxide-coated fabrics for X-ray shielding. <i>Textile Research Journal</i> , 2016, 86, 649-658.	1.1	82
1000	Open-Source Radiation Exposure Extraction Engine (RE3) with Patient-Specific Outlier Detection. <i>Journal of Digital Imaging</i> , 2016, 29, 406-419.	1.6	6
1001	Quality-controlled dose-reduction of pelvic X-ray examinations in infants with hip dysplasia. <i>European Journal of Radiology</i> , 2016, 85, 233-238.	1.2	8
1002	Regarding the Credibility of Data Showing an Alleged Association of Cancer with Radiation from CT Scans. <i>Technology in Cancer Research and Treatment</i> , 2016, 15, 159-162.	0.8	5
1003	Pathology of asymptomatic, prenatally diagnosed cystic lung malformations. <i>Journal of Pediatric Surgery</i> , 2016, 51, 231-235.	0.8	45
1004	Analysis of chromosome translocation frequency after a single CT scan in adults. <i>Journal of Radiation Research</i> , 2016, 57, 220-226.	0.8	19
1005	How to Reduce Head CT Orders in Children with Hydrocephalus Using the Lean Six Sigma Methodology: Experience at a Major Quaternary Care Academic Children's Center. <i>American Journal of Neuroradiology</i> , 2016, 37, 990-996.	1.2	19
1007	Is Alveolar Macrophage Phagocytic Dysfunction in Children With Protracted Bacterial Bronchitis a Forerunner to Bronchiectasis?. <i>Chest</i> , 2016, 149, 508-515.	0.4	39
1008	Virtual Special Issue Radiation dose reduction in CT: dose optimisation gains both increasing importance and complexity!. <i>Clinical Radiology</i> , 2016, 71, 438-441.	0.5	1
1009	Modeling human genetic radiation risks around nuclear facilities in Germany and five neighboring countries: A sex ratio study. <i>Environmental Modelling and Software</i> , 2016, 79, 343-353.	1.9	7
1010	Yield of emergent neuroimaging in children with new-onset seizure and status epilepticus. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 35, 4-10.	0.9	19
1011	Use of the pediatric appendicitis score in a community hospital. <i>Indian Pediatrics</i> , 2016, 53, 217-220.	0.2	9
1012	The use of an institutional pediatric abdominal trauma protocol improves resource use. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 80, 57-63.	1.1	12

#	ARTICLE	IF	CITATIONS
1013	JOURNAL CLUB: Cancer Risks in U.S. Radiologic Technologists Working With Fluoroscopically Guided Interventional Procedures, 1994-2008. American Journal of Roentgenology, 2016, 206, 1101-1109.	1.0	128
1014	Predictors for urologic intervention and alternate diagnoses in people having computed tomography urography for suspected renal colic. EMA - Emergency Medicine Australasia, 2016, 28, 56-61.	0.5	8
1015	Movement characteristics in young patients and the impact on CBCT image quality. Dentomaxillofacial Radiology, 2016, 45, 20150426.	1.3	30
1016	Relationship between paediatric CT scans and subsequent risk of leukaemia and brain tumours: assessment of the impact of underlying conditions. British Journal of Cancer, 2016, 114, 388-394.	2.9	191
1017	Reduction in radiation doses from paediatric CT scans in Great Britain. British Journal of Radiology, 2016, 89, 20150305.	1.0	32
1018	Radiation Dose Reduction by Indication-Directed Focused z-Direction Coverage for Neck CT. American Journal of Neuroradiology, 2016, 37, 985-989.	1.2	3
1019	Preoperative staging of non-small cell lung cancer: prospective comparison of PET/MR and PET/CT. European Radiology, 2016, 26, 3850-3857.	2.3	58
1020	Levels of naturally occurring gamma radiation measured in British homes and their prediction in particular residences. Radiation and Environmental Biophysics, 2016, 55, 103-124.	0.6	14
1021	Life-span exposure to sinusoidal-50%Hz magnetic field and acute low-dose $\hat{\gamma}$ radiation induce carcinogenic effects in Sprague-Dawley rats. International Journal of Radiation Biology, 2016, 92, 202-214.	1.0	29
1022	Multicenter study assessing ophthalmologist's knowledge towards radiation dose when prescribing CT scans for pediatric patients: A Saudi Arabian perspective. Journal of Radiation Research and Applied Sciences, 2016, 9, 96-100.	0.7	3
1023	Imaging in multiple endocrine neoplasia type 1: recent studies show enhanced sensitivities but increased controversies. International Journal of Endocrine Oncology, 2016, 3, 53-66.	0.4	50
1024	Knowledge-based iterative model reconstruction: comparative image quality and radiation dose with a pediatric computed tomography phantom. Pediatric Radiology, 2016, 46, 303-315.	1.1	17
1025	Significant but reasonable radiation exposure from computed tomography-related medical imaging in the ICU. Emergency Radiology, 2016, 23, 141-146.	1.0	8
1026	Radiation dose awareness and disclosure practice in paediatric emergency medicine: how far have we come?. British Journal of Radiology, 2016, 89, 20160022.	1.0	13
1027	Retrieval, visualization, and mining of large radiation dosage data. Information Retrieval, 2016, 19, 38-58.	1.6	3
1028	Radiation dose of cone-beam computed tomography compared to conventional radiographs in orthodontics. Journal of Orofacial Orthopedics, 2016, 77, 9-15.	0.5	74
1029	Effective Radiation Dose in a Skeletal Survey Performed for Suspected Child Abuse. Journal of Pediatrics, 2016, 171, 310-312.	0.9	28
1030	Evaluation of chest CT scan in low-weight children with ultralow tube voltage (70%kVp) combined with Flash scan technique. British Journal of Radiology, 2016, 89, 20150184.	1.0	9

#	ARTICLE	IF	CITATIONS
1031	Estimation of Radiation Dose in CT Based on Projection Data. <i>Journal of Digital Imaging</i> , 2016, 29, 615-621.	1.6	1
1032	Radiation dose in chest CT: Assessment of size-specific dose estimates based on water-equivalent correction. <i>Physica Medica</i> , 2016, 32, 393-397.	0.4	31
1033	Pelvic Free Fluid in Asymptomatic Pediatric Blunt Abdominal Trauma Patients: A Case Series and Review of the Literature. <i>Journal of Emergency Medicine</i> , 2016, 50, 753-758.	0.3	9
1034	Pretransfer computed tomography delays arrival to definitive care without affecting pediatric trauma outcomes. <i>Journal of Pediatric Surgery</i> , 2016, 51, 323-325.	0.8	7
1035	Use of emergency department imaging in patients with minor trauma. <i>Journal of Surgical Research</i> , 2016, 203, 238-245.	0.8	8
1036	Communicating radiation risk to patients and referring physicians in the emergency department setting. <i>British Journal of Radiology</i> , 2016, 89, 20150868.	1.0	19
1037	Sinus Disease in Cystic Fibrosis. , 2016, , 121-133.		0
1038	Pediatric Melanoma and Atypical Melanocytic Neoplasms. <i>Cancer Treatment and Research</i> , 2016, 167, 331-369.	0.2	21
1039	Use of a remote clinical decision support service for a multicenter trial to implement prediction rules for children with minor blunt head trauma. <i>International Journal of Medical Informatics</i> , 2016, 87, 101-110.	1.6	22
1040	Micro-CT in the Assessment of Pediatric Renal Osteodystrophy by Bone Histomorphometry. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 481-487.	2.2	23
1041	Confounding of the Association between Radiation Exposure from CT Scans and Risk of Leukemia and Brain Tumors by Cancer Susceptibility Syndromes. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 114-126.	1.1	5
1042	Imaging and surgical utilization for pediatric cystinuria patients: A single-institution cohort study. <i>Journal of Pediatric Urology</i> , 2016, 12, 106.e1-106.e7.	0.6	14
1044	Changing Attitude Toward Radiation Carcinogenesis and Prospects for Novel Low-Dose Radiation Treatments. <i>Technology in Cancer Research and Treatment</i> , 2016, 15, 732-736.	0.8	2
1045	Diagnostic and Interventional Ultrasound in Pediatrics and Pediatric Surgery. , 2016, , .		1
1046	Ionizing radiation exposure as a result of diagnostic imaging in patients with lymphoma. <i>Clinical and Translational Oncology</i> , 2016, 18, 533-536.	1.2	6
1047	Trends and patterns in the use of computed tomography in children and young adults in Catalonia â€” results from the EPI-CT study. <i>Pediatric Radiology</i> , 2016, 46, 119-129.	1.1	37
1048	Dedicated sub 0.1ÂµSv 3DCT using MBIR in children with suspected craniosynostosis: quality assessment. <i>European Radiology</i> , 2016, 26, 892-899.	2.3	17
1049	Cumulative doses analysis in young trauma patients: a single-centre experience. <i>Radiologia Medica</i> , 2016, 121, 144-152.	4.7	10

#	ARTICLE	IF	CITATIONS
1050	Functional MR Imaging Techniques in Oncology in the Era of Personalized Medicine. Magnetic Resonance Imaging Clinics of North America, 2016, 24, 1-10.	0.6	12
1051	Diagnostic performance of S100B protein serum measurement in detecting intracranial injury in children with mild head trauma. Emergency Medicine Journal, 2016, 33, 42-46.	0.4	23
1052	New approaches to reduce radiation exposure. Trends in Cardiovascular Medicine, 2016, 26, 55-65.	2.3	39
1053	Reducing radiation exposure in children with febrile neutropenia: can pulmonary MRI replace CT?. Leukemia and Lymphoma, 2016, 57, 4-5.	0.6	0
1054	Thoracic Radiology. , 2016, , 299-331.e28.		1
1055	Does Imaging Technology Cause Cancer? Debunking the Linear No-Threshold Model of Radiation Carcinogenesis. Technology in Cancer Research and Treatment, 2016, 15, 249-256.	0.8	60
1056	Ionizing Radiation in Craniofacial Surgery: A Primer on Dose and Risks. Cleft Palate-Craniofacial Journal, 2017, 54, 446-452.	0.5	6
1057	Predicting Blunt Cerebrovascular Injury in Pediatric Trauma: Validation of the "Utah Score". Journal of Neurotrauma, 2017, 34, 391-399.	1.7	32
1058	Radiation exposure from medical imaging in dialyzed patients undergoing renal pre-transplant evaluation. Journal of Nephrology, 2017, 30, 141-146.	0.9	7
1059	Opportunities for improvement on current nuclear cardiology practices and radiation exposure in Latin America: Findings from the 65-country IAEA Nuclear Cardiology Protocols cross-sectional Study (INCAPS). Journal of Nuclear Cardiology, 2017, 24, 851-859.	1.4	14
1060	Patient crossover and potentially avoidable repeat computed tomography exams across a health information exchange. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 30-38.	2.2	12
1061	Radiation Safety in Nuclear Medicine Procedures. Nuclear Medicine and Molecular Imaging, 2017, 51, 11-16.	0.6	13
1062	Impact of imaging approach on radiation dose and associated cancer risk in children undergoing cardiac catheterization. Catheterization and Cardiovascular Interventions, 2017, 89, 888-897.	0.7	14
1063	Variation in Computed Tomography Use for Evaluation of Head Injury in a Pediatric Emergency Department. Pediatric Emergency Care, 2017, 33, 156-160.	0.5	17
1064	Retrospective respiratory self-gating and removal of bulk motion in pulmonary <sc>UTE MRI</sc> of neonates and adults. Magnetic Resonance in Medicine, 2017, 77, 1284-1295.	1.9	87
1065	Estimating Effective Dose of Radiation From Pediatric Cardiac CT Angiography Using a 64-MDCT Scanner: New Conversion Factors Relating Dose-Length Product to Effective Dose. American Journal of Roentgenology, 2017, 208, 585-594.	1.0	20
1066	Cancer subtype prediction from a pathway-level perspective by using a support vector machine based on integrated gene expression and protein network. Computer Methods and Programs in Biomedicine, 2017, 141, 27-34.	2.6	15
1067	R-SCAN: Imaging for Pediatric Minor Head Trauma. Journal of the American College of Radiology, 2017, 14, 294-297.	0.9	3

#	ARTICLE	IF	CITATIONS
1068	The Burden of Ionizing Radiation Studies in Children with Ventricular Shunts. <i>Journal of Pediatrics</i> , 2017, 182, 210-216.e1.	0.9	23
1069	No Association between Radiation Dose from Pediatric CT Scans and Risk of Subsequent Hodgkin Lymphoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 804-806.	1.1	19
1070	Re: Radiological assessment of paediatric cervical spine injury in blunt trauma: the potential impact of new NICE guideline on the use of CT. <i>Clinical Radiology</i> , 2017, 72, 262-263.	0.5	0
1071	Technical challenges and safety of magnetic resonance imaging with in situ neuromodulation from spine to brain. <i>European Journal of Paediatric Neurology</i> , 2017, 21, 21-22.	0.7	0
1072	Cerebral Ventricular Dimensions After Decompressive Craniectomy: A Comparison Between Bedside Sonographic Duplex Technique and Cranial Computed Tomography. <i>Neurocritical Care</i> , 2017, 26, 321-329.	1.2	20
1073	A measurement-based generalized source model for Monte Carlo dose simulations of CT scans. <i>Physics in Medicine and Biology</i> , 2017, 62, 1759-1776.	1.6	5
1074	Glioblastoma. , 2017, , 265-288.		11
1075	Blunt cerebrovascular injury in children. <i>Seminars in Pediatric Surgery</i> , 2017, 26, 2-7.	0.5	10
1076	Identifying Children at Very Low Risk for Blunt Intra-Abdominal Injury in Whom CT of the Abdomen Can Be Avoided Safely. <i>Journal of the American College of Surgeons</i> , 2017, 224, 449-458e3.	0.2	59
1077	MRI usage in a pediatric emergency department: an analysis of usage and usage trends over 5Âyears. <i>Pediatric Radiology</i> , 2017, 47, 327-332.	1.1	38
1078	Estimating cancer risk from invasive cardiac procedures in children. <i>Heart</i> , 2017, 103, 329-330.	1.2	4
1079	Whole-body MRI in children: Would a 3D STIR sequence alone be sufficient for investigating common paediatric conditions? A comparative study. <i>European Journal of Radiology</i> , 2017, 88, 155-162.	1.2	24
1080	Biological basis of radiation protection needs rejuvenation. <i>International Journal of Radiation Biology</i> , 2017, 93, 1056-1063.	1.0	13
1081	Quantifying Worry in the Face of Uncertainty: Radiation Exposure from Medical Imaging. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2017, 48, 16-21.	0.2	3
1082	Initial Diagnostic Workup of Acute Leukemia: Guideline From the College of American Pathologists and the American Society of Hematology. <i>Archives of Pathology and Laboratory Medicine</i> , 2017, 141, 1342-1393.	1.2	88
1083	Can we reduce anesthesia exposure? Neonatal brain MRI: Swaddling vs. sedation, a national survey. <i>Journal of Clinical Anesthesia</i> , 2017, 38, 119-122.	0.7	35
1084	Osteosarcoma follow-up: chest X-ray or computed tomography?. <i>Clinical Sarcoma Research</i> , 2017, 7, 3.	2.3	17
1085	Stones in special situations. <i>World Journal of Urology</i> , 2017, 35, 1381-1393.	1.2	14

#	ARTICLE	IF	CITATIONS
1086	NICE clinical guideline NG39: Major trauma: assessment and initial management. Archives of Disease in Childhood: Education and Practice Edition, 2017, 102, 20-23.	0.3	29
1087	Mortality in U.S. Physicians Likely to Perform Fluoroscopy-guided Interventional Procedures Compared with Psychiatrists, 1979 to 2008. Radiology, 2017, 284, 482-494.	3.6	43
1088	Quantification of neonatal lung parenchymal density via ultrashort echo time MRI with comparison to CT. Journal of Magnetic Resonance Imaging, 2017, 46, 992-1000.	1.9	61
1089	Pathways for Neuroimaging of Neonatal Stroke. Pediatric Neurology, 2017, 69, 37-48.	1.0	52
1090	Toward Precision Diagnostics. Academic Emergency Medicine, 2017, 24, 644-646.	0.8	3
1091	Contrast-enhanced ultrasound using sulfur hexafluoride is safe in the pediatric setting. Acta Radiologica, 2017, 58, 1395-1399.	0.5	33
1092	Survival adjusted cancer risks attributable to radiation exposure from cardiac catheterisations in children. Heart, 2017, 103, 341-346.	1.2	33
1093	Acute appendicitis in young children less than 5 years: review article. Italian Journal of Pediatrics, 2017, 43, 15.	1.0	119
1094	Children, medical radiation and the environment: An important dialogue. Environmental Research, 2017, 156, 358-363.	3.7	11
1095	Authors' Reply to Letter: Role of Contrast-Enhanced Ultrasound (CEUS) in Paediatric Practice: An EFSUMB Position Statement. Ultraschall in Der Medizin, 2017, 38, 447-448.	0.8	13
1096	Accuracy of PECARN, CATCH, and CHALICE head injury decision rules in children: a prospective cohort study. Lancet, The, 2017, 389, 2393-2402.	6.3	199
1097	Imaging of Acute Appendicitis in Children. Journal of Pediatric Infectious Diseases, 2017, 12, 048-060.	0.1	1
1098	Intraoperative image guidance compared with free-hand methods in adolescent idiopathic scoliosis posterior spinal surgery: a systematic review on screw-related complications and breach rates. Spine Journal, 2017, 17, 1215-1229.	0.6	72
1099	Time to cranial computerised tomography for acute traumatic brain injury in paediatric patients: Effect of the shorter stays in emergency departments target in New Zealand. Journal of Paediatrics and Child Health, 2017, 53, 685-690.	0.4	5
1100	Patient characteristics associated with differences in radiation exposure from pediatric abdomen-pelvis CT scans: a quantile regression analysis. Computers in Biology and Medicine, 2017, 85, 7-12.	3.9	10
1101	Pediatric computed tomography practice in Japanese university hospitals from 2008 to 2010: did it differ from German practice?. Journal of Radiation Research, 2017, 58, 135-141.	0.8	7
1102	Patient-specific biodegradable implant in pediatric craniofacial surgery. Journal of Cranio-Maxillo-Facial Surgery, 2017, 45, 1111.	0.7	4
1103	EFFECT OF PATIENT SIZE, ANATOMICAL LOCATION AND MODULATION STRENGTH ON DOSE DELIVERED AND IMAGE-QUALITY ON CT EXAMINATION. Radiation Protection Dosimetry, 2017, 177, 373-381.	0.4	7

#	ARTICLE	IF	CITATIONS
1104	Utilization of ultrasound for diagnostic evaluation and management of peritonsillar abscesses. Current Opinion in Otolaryngology and Head and Neck Surgery, 2017, 25, 163-168.	0.8	27
1105	Radiotherapy, Especially at Young Age, Increases the Risk for De Novo Brain Tumors in Patients Treated for Pituitary/Sellar Lesions. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1051-1058.	1.8	34
1106	Pediatric chest CT at chest radiograph doses: when is the ultralow-dose chest CT clinically appropriate?. Emergency Radiology, 2017, 24, 369-376.	1.0	8
1107	Can common serum biomarkers predict complicated appendicitis in children?. Pediatric Surgery International, 2017, 33, 799-805.	0.6	31
1108	Fast determination of indoor radon (²²² Rn) concentration using liquid scintillation counting. Journal of Radioanalytical and Nuclear Chemistry, 2017, 312, 337-342.	0.7	8
1109	Lung Imaging in ARDS. , 2017, , 155-171.		0
1110	Single-energy pediatric chest computed tomography with spectral filtration at 100 kVp: effects on radiation parameters and image quality. Pediatric Radiology, 2017, 47, 831-837.	1.1	19
1111	Ethical Issues Related to the Promotion of a "100 mSv Threshold Assumption" in Japan after the Fukushima Nuclear Accident in 2011: Background and Consequences. Current Environmental Health Reports, 2017, 4, 119-129.	3.2	6
1112	Treatment of Pancreatic Neuroendocrine Tumors in Multiple Endocrine Neoplasia Type 1. Pancreas, 2017, 46, 589-594.	0.5	48
1113	Nursing Care of the Pediatric Neurosurgery Patient. , 2017, , .		0
1114	Patient dose in interventional radiology: a multicentre study of the most frequent procedures in France. European Radiology, 2017, 27, 4281-4290.	2.3	59
1116	Accurate tissue characterization in low-dose CT imaging with pure iterative reconstruction. Journal of Medical Imaging and Radiation Oncology, 2017, 61, 190-196.	0.9	3
1117	Total estimated effective doses from radiologic imaging modalities of children with cancer: a single center experience. World Journal of Pediatrics, 2017, 13, 242-247.	0.8	3
1118	Utility of intraoperative and postoperative radiographs in pediatric cochlear implant surgery. International Journal of Pediatric Otorhinolaryngology, 2017, 99, 44-48.	0.4	8
1119	R-SCAN: Imaging for Pediatric Simple Febrile Seizures. Journal of the American College of Radiology, 2017, 14, 1064-1066.	0.9	1
1120	Abdominal Pain in Children. Pediatric Clinics of North America, 2017, 64, 525-541.	0.9	10
1121	Can the Diagnosis of Appendicitis Be Made Without a Computed Tomography Scan?. Advances in Surgery, 2017, 51, 11-28.	0.6	11
1123	Radiation Safety in Children With Congenital and Acquired Heart Disease. JACC: Cardiovascular Imaging, 2017, 10, 797-818.	2.3	78

#	ARTICLE	IF	CITATIONS
1124	Changing the paradigm for diagnostic MRI in pediatrics: Don't hold your breath. Paediatric Anaesthesia, 2017, 27, 880-884.	0.6	15
1125	Variation in management of in-hospital newborn falls: a single-center experience. Journal of Neurosurgery: Pediatrics, 2017, 20, 176-182.	0.8	17
1126	Quantification of radiation dose reduction by reducing z-axis coverage in 320-detector coronary CT angiography. British Journal of Radiology, 2017, 90, 20170252.	1.0	7
1127	Diagnostic Medical Imaging in Pediatric Patients and Subsequent Cancer Risk. Academic Radiology, 2017, 24, 1456-1462.	1.3	17
1128	Short-Term and Midterm Follow-Up of Transthoracic Device Closure of Atrial Septal Defect in Infants. Annals of Thoracic Surgery, 2017, 104, 1403-1409.	0.7	7
1129	High-energy particle beam and gamma radiation exposure, familial relatedness and cancer in mice. British Journal of Cancer, 2017, 117, 41-50.	2.9	3
1130	Generative Adversarial Networks for Noise Reduction in Low-Dose CT. IEEE Transactions on Medical Imaging, 2017, 36, 2536-2545.	5.4	738
1131	Frequencies of micronucleated reticulocytes, a dosimeter of DNA double-strand breaks, in infants receiving computed tomography or cardiac catheterization. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2017, 820, 8-18.	0.9	10
1132	Pediatric neurointervention: collimation on radiation exposure-associated lifetime excess tumor risk. Journal of NeuroInterventional Surgery, 2017, 9, 895-898.	2.0	2
1133	Cerebral bone subtraction CT angiography using 80 kVp and sinogram-affirmed iterative reconstruction: contrast medium and radiation dose reduction with improvement of image quality. Neuroradiology, 2017, 59, 127-134.	1.1	8
1134	Precision and accuracy of consumer-grade motion tracking system for pedicle screw placement in pediatric spinal fusion surgery. Medical Engineering and Physics, 2017, 46, 33-43.	0.8	6
1135	Diagnostic value of fourth-generation iterative reconstruction algorithm with low-dose CT protocol in assessment of mesorectal fascia invasion in rectal cancer: comparison with magnetic resonance. Abdominal Radiology, 2017, 42, 2251-2260.	1.0	3
1136	Evolution of lymphoma staging and response evaluation: current limitations and future directions. Nature Reviews Clinical Oncology, 2017, 14, 631-645.	12.5	26
1137	Ultrasonography for the diagnosis of craniosynostosis. European Journal of Radiology, 2017, 90, 250-255.	1.2	24
1138	Infrared Thermal Mapping, Analysis and Interpretation in Biomedicine. Series in Bioengineering, 2017, , 377-394.	0.3	2
1139	Biologically-based mechanistic models of radiation-related carcinogenesis applied to epidemiological data. International Journal of Radiation Biology, 2017, 93, 1093-1117.	1.0	59
1140	Iterative Reconstructions in Reduced-Dose CT. Academic Radiology, 2017, 24, 1114-1124.	1.3	14
1141	Radiation, Risks, and a Rational Approach in Diagnostic Imaging: What the Radiology Team Should Know. Journal of Radiology Nursing, 2017, 36, 10-14.	0.2	3

#	ARTICLE	IF	CITATIONS
1142	Use of Traumatic Brain Injury Prediction Rules With Clinical Decision Support. <i>Pediatrics</i> , 2017, 139, .	1.0	65
1143	Computed tomography for head injuries in children: Change in Australian usage rates over time. <i>EMA - Emergency Medicine Australasia</i> , 2017, 29, 192-197.	0.5	13
1144	Impact on Hospital Resources of Systematic Evaluation and Management of Suspected Nonaccidental Trauma in Patients Less Than 4 Years of Age. <i>Hospital Pediatrics</i> , 2017, 7, 219-224.	0.6	7
1145	Occupational Radiation Exposure and Deaths From Malignant Intracranial Neoplasms of the Brain and CNS in U.S. Radiologic Technologists, 1983â€“2012. <i>American Journal of Roentgenology</i> , 2017, 208, 1278-1284.	1.0	38
1146	Sonographic diagnosis of acute mastoiditis and subsequent retroauricular abscess in a pediatric cochlear implant recipient: A case report. <i>Journal of Clinical Ultrasound</i> , 2017, 45, 515-519.	0.4	1
1147	The Lancet Child & Adolescent Health: a call for papers for a new journal. <i>Lancet, The</i> , 2017, 389, 1382.	6.3	0
1148	Entrance surface dose and induced DNA damage in blood lymphocytes of patients exposed to low-dose and low-dose-rate X-irradiation during diagnostic and therapeutic interventional radiology procedures. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017, 818, 1-6.	0.9	17
1149	Suspected Cerebral Edema in Diabetic Ketoacidosis: Is There Still a Role for Head CT in Treatment Decisions?*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 207-212.	0.2	14
1150	Glenohumeral position during CT arthrography with arthroscopic correlation: optimization of diagnostic yield. <i>Skeletal Radiology</i> , 2017, 46, 769-776.	1.2	1
1152	Pulmonary Infections: Pneumonia. <i>Medical Radiology</i> , 2017, , 383-400.	0.0	0
1153	Evaluation of an imaging protocol using ultrasound as the primary diagnostic modality in pediatric patients with superficial soft tissue infections of the face and neck. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2017, 96, 89-93.	0.4	13
1154	Anesthetic-Related Neurotoxicity and Neuroimaging in Children: A Call for Conversation. <i>Journal of Child Neurology</i> , 2017, 32, 594-602.	0.7	43
1155	Contrast-enhanced pulmonary MRA for the primary diagnosis of pulmonary embolism: current state of the art and future directions. <i>British Journal of Radiology</i> , 2017, 90, 20160901.	1.0	22
1156	Shaped-bolus protocol reduces contrast medium volume in abdominal CT while maintaining image quality. <i>Clinical Radiology</i> , 2017, 72, 265.e1-265.e5.	0.5	5
1157	Central Nervous System Tumors. <i>Pediatric Oncology</i> , 2017, , 335-381.	0.5	10
1158	A Retrospective Analysis of the Utility of Head Computed Tomography and/or Magnetic Resonance Imaging in the Management of Benign Macrocrania. <i>Journal of Pediatrics</i> , 2017, 182, 283-289.e1.	0.9	18
1159	Clinical Relevance of the Nonvisualized Appendix on Ultrasonography of the Abdomen in Children. <i>Journal of Pediatrics</i> , 2017, 182, 164-169.e1.	0.9	31
1160	Accuracy of MRI-based vs. CT-based patient-specific instrumentation in total knee arthroplasty: A meta-analysis. <i>Journal of Orthopaedic Science</i> , 2017, 22, 116-120.	0.5	34

#	ARTICLE	IF	CITATIONS
1161	The evolution of radiation dose over time: Measurement of a patient cohort undergoing whole-body examinations on three computer tomography generations. <i>European Journal of Radiology</i> , 2017, 86, 63-69.	1.2	12
1162	The utility of a handheld metal detector in detection and localization of pediatric metallic foreign body ingestion. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2017, 92, 1-6.	0.4	23
1163	Update on Pediatric Overuse. <i>Pediatrics</i> , 2017, 139, .	1.0	40
1165	Radiation dose reduction using 100-kVp and a sinogram-affirmed iterative reconstruction algorithm in adolescent head CT: Impact on greyâ€”white matter contrast and image noise. <i>European Radiology</i> , 2017, 27, 2717-2725.	2.3	9
1166	Implications of a negative abdominal CT in the management of pediatric blunt abdominal trauma. <i>Journal of Pediatric Surgery</i> , 2017, 52, 293-298.	0.8	10
1167	Awareness and knowledge of radiation dose and associated risks among final year medical students in Norway. <i>Insights Into Imaging</i> , 2017, 8, 599-605.	1.6	17
1168	Diagnosis and Management of Noncardiac Complications in Adults With Congenital Heart Disease: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2017, 136, e348-e392.	1.6	147
1169	Low-Dose Irradiation Promotes Persistent Oxidative Stress and Decreases Self-Renewal in Hematopoietic Stem Cells. <i>Cell Reports</i> , 2017, 20, 3199-3211.	2.9	69
1170	Informed Use of Medical Radiation in Diagnostic Imaging. <i>Medical Radiology</i> , 2017, , 37-48.	0.0	0
1171	Response of Fingernail Growth to Out-of-Field Low-Dose X ray in Cancer Patients Receiving Radiotherapy. <i>Radiation Research</i> , 2017, 187, 682.	0.7	3
1172	Radiation dose from common radiological investigations and cumulative exposure in children with cystic fibrosis: an observational study from a single UK centre. <i>BMJ Open</i> , 2017, 7, e017548.	0.8	33
1173	Limiting thoracic CT: a rule for use during initial pediatric trauma evaluation. <i>Journal of Pediatric Surgery</i> , 2017, 52, 2031-2037.	0.8	16
1174	Radiation risk index for pediatric CT: a patient-derived metric. <i>Pediatric Radiology</i> , 2017, 47, 1737-1744.	1.1	18
1175	The use of CT-scan in foreign body aspiration in children: A 6 years' experience. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2017, 102, 169-173.	0.4	40
1176	The impact of the introduction of PECARN head CT rules on the utilisation of head CT scans in a private tertiary hospital in Sub-Saharan Africa. <i>Child's Nervous System</i> , 2017, 33, 2147-2152.	0.6	7
1177	D-Dimer Elevation as a Blood Biomarker for Detection of Structural Disorder in Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 3245-3248.	1.7	15
1178	Low-dose CT for the diagnosis of appendicitis in adolescents and young adults (LOCAT): a pragmatic, multicentre, randomised controlled non-inferiority trial. <i>The Lancet Gastroenterology and Hepatology</i> , 2017, 2, 793-804.	3.7	44
1179	Reduction in Radiation Dose in a Pediatric Cardiac Catheterization Lab Using the Philips AlluraClarity X-ray System. <i>Pediatric Cardiology</i> , 2017, 38, 1583-1591.	0.6	17

#	ARTICLE	IF	CITATIONS
1180	Reappraisal of Pediatric Diastatic Skull Fractures in the 3-Dimensional CT Era: Clinical Characteristics and Comparison of Diagnostic Accuracy of Simple Skull X-Ray, 2-Dimensional CT, and 3-Dimensional CT. <i>World Neurosurgery</i> , 2017, 108, 399-406.	0.7	12
1181	Reference ranges for serum S100B neuroprotein specific to infants under four months of age. <i>Clinical Biochemistry</i> , 2017, 50, 1056-1060.	0.8	15
1182	Pediatric providers and radiology examinations: knowledge and comfort levels regarding ionizing radiation and potential complications of imaging. <i>Pediatric Radiology</i> , 2017, 47, 1730-1736.	1.1	6
1183	Introduction of a new imaging guideline for suspected renal colic in the ED reduces CT urography utilisation. <i>Emergency Medicine Journal</i> , 2017, 34, 749-754.	0.4	8
1184	A novel method for CT dosimetry with a suspended phantom setup. <i>Physica Medica</i> , 2017, 40, 122-129.	0.4	2
1185	Prevalence of Protective Shielding Utilization for Radiation Dose Reduction in Adult Patients Undergoing Body Scanning Using Computed Tomography. <i>Journal of Endourology</i> , 2017, 31, 985-990.	1.1	9
1186	Thoracic MRI is preferable for neuroblastoma. <i>BMJ: British Medical Journal</i> , 2017, 357, j3040.	2.4	3
1187	Physical validation of a Monte Carlo-based, phantom-derived approach to computed tomography organ dosimetry under tube current modulation. <i>Medical Physics</i> , 2017, 44, 5423-5432.	1.6	11
1188	A permissive role of growth hormone (GH) in the development of second brain tumors after radiotherapy?. <i>Endocrine</i> , 2017, 57, 356-358.	1.1	1
1189	Evaluation and management of nonsyndromic congenital hearing loss. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2017, 25, 385-389.	0.8	13
1190	Increase in computed tomography in Australia driven mainly by practice change: A decomposition analysis. <i>Health Policy</i> , 2017, 121, 823-829.	1.4	15
1191	Imaging for acute appendicitis at nonpediatric centers exposes children to excess radiation. <i>Journal of Surgical Research</i> , 2017, 216, 201-206.	0.8	4
1192	Are dietary reports in a case-control study on thyroid cancer biased by risk perception of Chernobyl fallout?. <i>Revue D'Epidemiologie Et De Sante Publique</i> , 2017, 65, 301-308.	0.3	2
1193	CT- versus MRI-based patient-specific instrumentation for total knee arthroplasty: A systematic review and meta-analysis. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2017, 15, 336-348.	0.8	30
1194	Outcome of prenatally diagnosed congenital lung anomalies in the North of England: a review of 228 cases to aid in prenatal counselling. <i>Prenatal Diagnosis</i> , 2017, 37, 1001-1007.	1.1	14
1195	A CONSORT-compliant prospective randomized controlled trial. <i>Medicine (United States)</i> , 2017, 96, e7324.	0.4	14
1196	Emergency Department Care of Young Children at Risk for Traumatic Brain Injury. <i>Pediatric Emergency Care</i> , 2019, 35, 468-473.	0.5	4
1197	Pediatric Emergency Medicine Physicians'™ Use of Point-of-care Ultrasound and Barriers to Implementation: A Regional Pilot Study. <i>AEM Education and Training</i> , 2017, 1, 325-333.	0.6	25

#	ARTICLE	IF	CITATIONS
1198	Image quality of CT angiography in young children with congenital heart disease: a comparison between the sinogram-affirmed iterative reconstruction (SAFIRE) and advanced modelled iterative reconstruction (ADMIRE) algorithms. <i>Clinical Radiology</i> , 2017, 72, 1060-1065.	0.5	17
1199	Response to: Finding clinical efficacy with balloon sinus dilation in pediatric chronic rhinosinusitis patients. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 631-631.	1.5	1
1200	Use of Imaging in Children With Witnessed Physical Abuse. <i>Pediatric Emergency Care</i> , 2019, 35, 245-248.	0.5	4
1201	Discussion. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 439-440.	0.7	1
1202	Contrast-Enhanced High-Pitch Computed Tomography in Pediatric Patients Without Electrocardiography Triggering and Sedation. <i>Journal of Computer Assisted Tomography</i> , 2017, 41, 165-171.	0.5	7
1203	Residential exposure to ultraviolet light and risk of precursor B-cell acute lymphoblastic leukemia: assessing the role of individual risk factors, the ESCALE and ESTELLE studies. <i>Cancer Causes and Control</i> , 2017, 28, 1075-1083.	0.8	11
1204	Collateral contamination concomitant to the polonium-210 poisoning of Mr Alexander Litvinenko. <i>Journal of Radiological Protection</i> , 2017, 37, 837-851.	0.6	6
1205	Risk of Meningioma after CT of the Head. <i>Radiology</i> , 2017, 285, 568-575.	3.6	8
1206	6 Orbital Complications. , 2017, , .		0
1207	The future: surgical advances in MEN1 therapeutic approaches and management strategies. <i>Endocrine-Related Cancer</i> , 2017, 24, T243-T260.	1.6	16
1208	Magnetic Resonance Imaging for the Evaluation of Pulmonary Embolism. <i>Topics in Magnetic Resonance Imaging</i> , 2017, 26, 145-151.	0.7	11
1209	Comparing the Use of 3D Photogrammetry and Computed Tomography in Assessing the Severity of Single-Suture Nonsyndromic Craniosynostosis. <i>Plastic Surgery</i> , 2017, 25, 78-83.	0.4	14
1210	Novel magnetic resonance technique for functional imaging of cystic fibrosis lung disease. <i>European Respiratory Journal</i> , 2017, 50, 1701464.	3.1	57
1211	Triage tools for detecting cervical spine injury in pediatric trauma patients. <i>The Cochrane Library</i> , 2017, 2017, CD011686.	1.5	19
1212	Approach to Investigations. , 0, , 26-42.		0
1213	Clinical Factors Associated With Pediatric Brain Neoplasms Versus Primary Headache. <i>Pediatric Emergency Care</i> , 2017, Publish Ahead of Print, 459-463.	0.5	7
1214	Practices and attitudes towards radiation risk disclosure for computed tomography: survey of emergency medicine residency program directors. <i>Emergency Radiology</i> , 2017, 24, 479-486.	1.0	0
1215	A review of dosimetry used in epidemiological studies considered to evaluate the linear no-threshold (LNT) dose-response model for radiation protection. <i>International Journal of Radiation Biology</i> , 2017, 93, 1128-1144.	1.0	20

#	ARTICLE	IF	CITATIONS
1216	Imaging Strategies for Suspected Acute Cranial Shunt Failure: A Cost-Effectiveness Analysis. <i>Pediatrics</i> , 2017, 140, .	1.0	21
1217	Both sides now: diagnostic imaging medical physics in two hemispheres. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2017, 40, 269-272.	1.4	3
1218	How PET/MR Can Add Value for Children with Cancer. <i>Current Radiology Reports</i> , 2017, 5, 1.	0.4	22
1220	A comparison of pediatric and adult CT organ dose estimation methods. <i>BMC Medical Imaging</i> , 2017, 17, 28.	1.4	40
1221	A comparative study of dose distribution of PBT, 3D-CRT and IMRT for pediatric brain tumors. <i>Radiation Oncology</i> , 2017, 12, 40.	1.2	25
1222	Concomitant imaging and genetic findings in children with unilateral sensorineural hearing loss. <i>Journal of Laryngology and Otology</i> , 2017, 131, 688-695.	0.4	8
1223	CT imaging of solid renal masses: pitfalls and solutions. <i>Clinical Radiology</i> , 2017, 72, 708-721.	0.5	72
1224	Selective chest imaging for blunt trauma patients: The national emergency X-ray utilization studies (NEXUS-chest algorithm). <i>American Journal of Emergency Medicine</i> , 2017, 35, 164-170.	0.7	20
1225	Projected cancer risks potentially related to past, current, and future practices in paediatric CT in the United Kingdom, 1990â€“2020. <i>British Journal of Cancer</i> , 2017, 116, 109-116.	2.9	40
1226	Estimated cumulative radiation dose received by diagnostic imaging during staging and treatment of operable Ewing sarcoma 2005â€“2012. <i>Pediatric Radiology</i> , 2017, 47, 82-88.	1.1	7
1227	PET/MR: Basics and New Developments. , 2017, , 199-228.		0
1228	Neuroimaging of Children With Surgically Treated Hydrocephalus: A Practical Approach. <i>American Journal of Roentgenology</i> , 2017, 208, 413-419.	1.0	10
1229	Trends and patterns of computed tomography scan use among children in The Netherlands: 1990â€“2012. <i>European Radiology</i> , 2017, 27, 2426-2433.	2.3	13
1230	Rapid 3D in vivo 1H human lung respiratory imaging at 1.5â€“T using ultraâ€“fast balanced steadyâ€“state free precession. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1059-1069.	1.9	19
1231	Image quality of ct angiography using model-based iterative reconstruction in infants with congenital heart disease: Comparison with filtered back projection and hybrid iterative reconstruction. <i>European Journal of Radiology</i> , 2017, 86, 190-197.	1.2	13
1232	Subjecting Radiologic Imaging to the Linear No-Threshold Hypothesis: A Non Sequitur of Non-Trivial Proportion. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1-6.	2.8	184
1233	Personalized and Conscientious Medical Imaging. <i>JAMA Oncology</i> , 2017, 3, 443.	3.4	2
1234	Benchmarking pediatric cranial CT protocols using a dose tracking software system: a multicenter study. <i>European Radiology</i> , 2017, 27, 841-850.	2.3	12

#	ARTICLE	IF	CITATIONS
1235	Computed Tomography Use for Adults With Head Injury: Describing Likely Avoidable Emergency Department Imaging Based on the Canadian CT Head Rule. <i>Academic Emergency Medicine</i> , 2017, 24, 22-30.	0.8	46
1236	Pulmonary MRI of neonates in the intensive care unit using 3D ultrashort echo time and a small footprint MRI system. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 463-471.	1.9	68
1237	Do C-reactive protein level, white blood cell count, and pain location guide the selection of patients for computed tomography imaging in non-traumatic acute abdomen?. <i>Emergency Radiology</i> , 2017, 24, 25-30.	1.0	1
1238	Brain Tumorsâ€”Epidemiology. , 2017, , 279-290.		1
1239	Enhancing the role of paediatric ultrasound with microbubbles: a review of intravenous applications. <i>British Journal of Radiology</i> , 2017, 90, 20160556.	1.0	33
1240	Image Gently: Minimizing Radiation Exposure in Children. , 2017, , 279-297.		0
1241	Trauma Resuscitation. , 2017, , 111-117.		0
1242	Optimal use of CT imaging in pediatric congenital cholesteatoma. <i>Auris Nasus Larynx</i> , 2017, 44, 266-271.	0.5	5
1243	Role of Contrast-Enhanced Ultrasound (CEUS) in Paediatric Practice: An EFSUMB Position Statement. <i>Ultraschall in Der Medizin</i> , 2017, 38, 33-43.	0.8	137
1244	QuickBrain MRI for the detection of acute pediatric traumatic brain injury. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 259-264.	0.8	31
1245	Radiation exposure in diagnostic imaging: wisdom and prudence, but still a lot to understand. <i>Radiologia Medica</i> , 2017, 122, 215-220.	4.7	26
1246	Re-evaluation of liver transaminase cutoff for CT after pediatric blunt abdominal trauma. <i>Pediatric Surgery International</i> , 2017, 33, 311-316.	0.6	14
1247	Efficacy of Lens Protection Systems: Dependency on Different Cranial CT Scans in The Acute Stroke Setting. <i>Radiation Protection Dosimetry</i> , 2017, 175, 279-283.	0.4	1
1248	Prenatal and Postnatal Medical Conditions and the Risk of Brain Tumors in Children and Adolescents: An International Multicenter Caseâ€”Control Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 110-115.	1.1	7
1249	Post-treatment surveillance imaging in lymphoma. <i>Seminars in Oncology</i> , 2017, 44, 310-322.	0.8	4
1250	Quality Improvement in Pediatric Head Trauma with PECARN Rules Implementation as Computerized Decision Support. <i>Pediatric Quality & Safety</i> , 2017, 2, e019.	0.4	22
1251	Patterns of CT use in Japan, 2014: A nationwide cross-sectional study. <i>European Journal of Radiology</i> , 2017, 97, 96-100.	1.2	11
1252	Prise en compte de la radioprotection au cours des examens en imagerie diagnostique rÃ©alisÃ©s chez des enfants atteints de pathologies oncologiques. <i>Revue D'Oncologie HÃ©matologie PÃ©diatrique</i> , 2017, 5, 120-123.	0.1	1

#	ARTICLE	IF	CITATIONS
1253	Demand for CT scans increases during transition from paediatric to adult care: an observational study from 2009 to 2015. <i>British Journal of Radiology</i> , 2018, 91, 20170467.	1.0	7
1254	Preliminary Results of Radon Survey in the Kindergartens of V4 Countries. <i>Radiation Protection Dosimetry</i> , 2017, 177, 95-98.	0.4	6
1255	Contrast Dose and Radiation Dose Reduction in Abdominal Enhanced Computerized Tomography Scans with Single-phase Dual-energy Spectral Computerized Tomography Mode for Children with Solid Tumors. <i>Chinese Medical Journal</i> , 2017, 130, 823-831.	0.9	10
1256	Predictors and Outcomes of Nondiagnostic Ultrasound for Acute Appendicitis in Children. <i>American Surgeon</i> , 2017, 83, 1357-1362.	0.4	4
1257	Submillisievert Computed Tomography of the Chest in Contact Investigation for Drug-Resistant Tuberculosis. <i>Journal of Korean Medical Science</i> , 2017, 32, 1779.	1.1	10
1258	<i>Pediatric Cancers.</i> , 2017, , 426-437.		0
1259	Ionizing Radiation-Induced Immune and Inflammatory Reactions in the Brain. <i>Frontiers in Immunology</i> , 2017, 8, 517.	2.2	159
1260	Clinical Predictors of Progressive Hemorrhagic Injury in Children with Mild Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2017, 8, 560.	1.1	8
1261	A Comparison of Urolithiasis in the Presence and Absence of Microscopic Hematuria in the Emergency Department. <i>Western Journal of Emergency Medicine</i> , 2017, 18, 775-779.	0.6	17
1262	Increased Computed Tomography Utilization in the Emergency Department and Its Association with Hospital Admission. <i>Western Journal of Emergency Medicine</i> , 2017, 18, 835-845.	0.6	96
1263	Low-Dose Ionizing Radiation Affects Mesenchymal Stem Cells via Extracellular Oxidized Cell-Free DNA: A Possible Mediator of Bystander Effect and Adaptive Response. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-22.	1.9	27
1264	Variations of Surveillance Practice for Patients with Bone Sarcoma: A Survey of Australian Sarcoma Clinicians. <i>Sarcoma</i> , 2017, 2017, 1-9.	0.7	2
1265	Is there Unmeasured Indication Bias in Radiation-Related Cancer Risk Estimates from Studies of Computed Tomography?. <i>Radiation Research</i> , 2017, 189, 128.	0.7	17
1266	Pediatric Emergency Care Applied Research Network head injury prediction rules: on the basis of cost and effectiveness. <i>Turkish Journal of Medical Sciences</i> , 2017, 47, 1770-1777.	0.4	7
1268	Cancer characterization and diagnosis with SERS-encoded particles. <i>Cancer Nanotechnology</i> , 2017, 8, .	1.9	55
1269	Incidence of cancer among licenced commercial pilots flying North Atlantic routes. <i>Environmental Health</i> , 2017, 16, 86.	1.7	22
1270	Proton Beam Therapy for Pediatric Brain Tumor. <i>Neurologia Medico-Chirurgica</i> , 2017, 57, 343-355.	1.0	46
1271	Dedicated CT Protocols for Children. <i>Medical Radiology</i> , 2017, , 969-986.	0.0	0

#	ARTICLE	IF	CITATIONS
1272	The clinical value of brain computerised tomography in a general hospital psychiatric service. South African Journal of Psychiatry, 2017, 23, 1050.	0.2	4
1273	Robin sequence: what the multidisciplinary approach can do. Journal of Multidisciplinary Healthcare, 2017, Volume 10, 121-132.	1.1	20
1275	Assessment of pulmonary microstructural changes by hyperpolarized 129Xe diffusion-weighted imaging in an elastase-instilled rat model of emphysema. Journal of Thoracic Disease, 2017, 9, 2572-2578.	0.6	5
1277	Residential Exposure to Natural Background Radiation and Risk of Childhood Acute Leukemia in France, 1990â€“2009. Environmental Health Perspectives, 2017, 125, 714-720.	2.8	35
1278	OBSOLETE: Pediatric Cancers. , 2017, , .		0
1279	Urology mythbusters: Radiation and radiophobia. Journal of Pediatric Urology, 2018, 14, 291-295.	0.6	0
1280	Role of Imaging in Acute Ischemic Stroke. Seminars in Ultrasound, CT and MRI, 2018, 39, 412-424.	0.7	7
1281	A review of split-bolus single-pass CT in the assessment of trauma patients. Emergency Radiology, 2018, 25, 367-374.	1.0	30
1282	Diagnosis and Management of Mild Traumatic Brain Injury. Current Trauma Reports, 2018, 4, 127-137.	0.6	2
1283	The present state of radiation exposure from pediatric CT examinations in Japanâ€”what do we have to do?. Journal of Radiation Research, 2018, 59, ii130-ii136.	0.8	18
1284	Economic Analysis of Diagnostic Imaging in Pediatric Patients With Suspected Appendicitis. Academic Emergency Medicine, 2018, 25, 785-794.	0.8	5
1285	Diagnostic Nuclear Medicine for Paediatric Patients in Australia: Assessing the Individualâ€™s Dose Burden. Radiation Protection Dosimetry, 2018, 179, 216-228.	0.4	1
1286	Patient-Specific Computational Model and Dosimetry Calculations for PET/CT of a Patient Pregnant with Twins. Journal of Nuclear Medicine, 2018, 59, 1451-1458.	2.8	10
1287	Estimation of the effects of medical diagnostic radiation exposure based on DNA damage. Journal of Radiation Research, 2018, 59, ii121-ii129.	0.8	42
1288	Point-of-Care Ultrasound for the Diagnosis of Skull Fractures in Children Younger Than Two Years of Age. Journal of Pediatrics, 2018, 196, 230-236.e2.	0.9	34
1289	Choosing Wisely Canada: Pediatric Neurosurgery Recommendations. Paediatrics and Child Health, 2018, 23, 383-387.	0.3	2
1290	Denosing Low-Dose CT Images Using Multiframe Blind Source Separation and Block Matching Filter. IEEE Transactions on Radiation and Plasma Medical Sciences, 2018, 2, 279-287.	2.7	29
1291	PEDIATRIC HEAD CT EXPOSURE DOSES IN TUNISIA: A PILOT STUDY TOWARDS THE ESTABLISHMENT OF NATIONAL DIAGNOSTIC REFERENCE LEVELS. Radiation Protection Dosimetry, 2018, 182, 241-251.	0.4	5

#	ARTICLE	IF	CITATIONS
1292	Progress in low dose health risk research. Mutation Research - Reviews in Mutation Research, 2018, 776, 46-69.	2.4	45
1294	A systematic review of neuroimaging findings in children and adolescents with sports-related concussion. Brain Injury, 2018, 32, 816-831.	0.6	39
1295	Costal Margin Tenderness and the Risk for Intraabdominal Injuries in Children With Blunt Abdominal Trauma. Academic Emergency Medicine, 2018, 25, 776-784.	0.8	7
1296	Diagnosis of lumbar spinal fractures in emergency department: low-dose versus standard-dose CT using model-based iterative reconstruction. Clinical Imaging, 2018, 50, 216-222.	0.8	11
1297	Validation of the Pediatric <scp>NEXUS II</scp> Head Computed Tomography Decision Instrument for Selective Imaging of Pediatric Patients with Blunt Head Trauma. Academic Emergency Medicine, 2018, 25, 729-737.	0.8	11
1298	Radiation exposure during CT-guided biopsies: recent CT machines provide markedly lower doses. European Radiology, 2018, 28, 3929-3935.	2.3	26
1299	Role of Plain Films in Spine Trauma. , 0, , 24-25.		0
1300	Lung ultrasound reclassification of chest Xâ€ray data after pediatric cardiac surgery. Paediatric Anaesthesia, 2018, 28, 421-427.	0.6	31
1301	Imaging Gently. Emergency Medicine Clinics of North America, 2018, 36, 349-368.	0.5	7
1302	ESTIMATION OF RADIATION DOSES FROM ABDOMINAL COMPUTED TOMOGRAPHY SCANS. Radiation Protection Dosimetry, 2018, 182, 235-240.	0.4	3
1303	Association of Whole-Body Computed Tomography With Mortality Risk in Children With Blunt Trauma. JAMA Pediatrics, 2018, 172, 542.	3.3	35
1304	Automatic spectral imaging protocol selection combined with iterative reconstruction can enhance image quality and decrease radiation and contrast dosage in abdominal CT angiography. Japanese Journal of Radiology, 2018, 36, 345-350.	1.0	1
1305	Congenital pulmonary airway malformation: advances and controversies. The Lancet Child and Adolescent Health, 2018, 2, 290-297.	2.7	47
1306	Indicators for imaging in periorbital cellulitis secondary to rhinosinusitis. European Archives of Oto-Rhino-Laryngology, 2018, 275, 943-948.	0.8	27
1307	Dietary habits during the 2 months following the Chernobyl accident and differentiated thyroid cancer risk in a population-based caseâ€control study. Cancer Epidemiology, 2018, 52, 142-147.	0.8	1
1308	Radiation Exposure in the Medical ICU. Chest, 2018, 153, 1160-1168.	0.4	20
1309	MEASUREMENT OF INTERNAL RADIATION DOSE DISTRIBUTION IN CT EXAMINATIONS USING POLYETHYLENE TEREPHTHALATE RESIN. Radiation Protection Dosimetry, 2018, 181, 303-309.	0.4	3
1310	Necessity of Repeat Computed Tomography Imaging in Isolated Mild Traumatic Subarachnoid Hemorrhage. World Neurosurgery, 2018, 113, 399-403.	0.7	13

#	ARTICLE	IF	CITATIONS
1311	Cell death-based treatment of childhood cancer. <i>Cell Death and Disease</i> , 2018, 9, 116.	2.7	12
1312	Screening of Pediatric Facial Fractures by Brain Computed Tomography. <i>Pediatric Emergency Care</i> , 2020, 36, 125-129.	0.5	6
1313	DOSIMETRY OF ADULT AND PEDIATRIC PATIENTS FOR COMMON DIGITAL RADIOGRAPHY EXAMINATIONS. <i>Radiation Protection Dosimetry</i> , 2018, 179, 349-357.	0.4	9
1314	Age-dependent differences in DNA damage after in vitro CT exposure. <i>International Journal of Radiation Biology</i> , 2018, 94, 272-281.	1.0	13
1315	Using Correlative Properties of Neighboring Pixels to Improve Gray-White Differentiation in Pediatric Head CT Images. <i>American Journal of Neuroradiology</i> , 2018, 39, 577-582.	1.2	5
1316	Dose, image quality and spine modeling assessment of biplanar EOS micro-dose radiographs for the follow-up of in-brace adolescent idiopathic scoliosis patients. <i>European Spine Journal</i> , 2018, 27, 1082-1088.	1.0	19
1317	Can a CT be Omitted in Pediatric Minor Head Trauma?. <i>Journal of Pediatric Neurology</i> , 2018, 16, 001-007.	0.0	1
1318	International Consensus Statement on Allergy and Rhinology: Allergic Rhinitis. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 108-352.	1.5	273
1319	Imaging Evaluation of the Head and Neck Oncology Patient. <i>Cancer Treatment and Research</i> , 2018, 174, 59-86.	0.2	5
1320	Factors influencing ED care of young children at-risk for clinically important traumatic brain injury. <i>American Journal of Emergency Medicine</i> , 2018, 36, 1027-1031.	0.7	1
1321	Spike in neuroimaging requests following the conviction of the optometrist Honey Rose. <i>Eye</i> , 2018, 32, 489-490.	1.1	16
1322	Estimation of the radiation dose for pediatric CBCT indications: a prospective study on ProMax3D. <i>International Journal of Paediatric Dentistry</i> , 2018, 28, 300-309.	1.0	34
1323	Overuse of CT and MRI in paediatric emergency departments. <i>British Journal of Radiology</i> , 2018, 91, 20170434.	1.0	53
1324	Exposure to Low-Dose Ionizing Radiation From Cardiac Procedures and Malignancy Risk in Adults With Congenital Heart Disease. <i>Circulation</i> , 2018, 137, 1334-1345.	1.6	96
1325	Normative Values for Tonsils in Pediatric Populations Based on Ultrasonography. <i>Journal of Ultrasound in Medicine</i> , 2018, 37, 1657-1663.	0.8	9
1326	Yield of Computed Tomography (CT) Angiography in Patients with Acute Headache, Normal Neurological Examination, and Normal Non Contrast CT: A Meta-Analysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 1077-1084.	0.7	16
1327	Clinical-radiological scoring system for enhanced diagnosis of acute appendicitis. <i>European Journal of Radiology</i> , 2018, 98, 174-178.	1.2	13
1328	18 F-FDG PET/TC con contraste intravenoso en el seguimiento estandarizado de pacientes con linfoma. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2018, 37, 151-155.	0.0	0

#	ARTICLE	IF	CITATIONS
1329	Epidemiology of Intracranial Gliomas. <i>Progress in Neurological Surgery</i> , 2018, 30, 1-11.	1.3	78
1330	Dose monitoring in pediatric and young adult head and cervical spine CT studies at two emergency duty departments. <i>Emergency Radiology</i> , 2018, 25, 153-159.	1.0	3
1331	Computed tomography use in a large Italian region: trend analysis 2004-2014 of emergency and outpatient CT examinations in children and adults. <i>European Radiology</i> , 2018, 28, 2308-2318.	2.3	33
1332	Paediatric axillary artery pseudo-aneurysm after simple shoulder dislocation. <i>Shoulder and Elbow</i> , 2018, 10, 270-273.	0.7	4
1333	Adaptive statistical iterative reconstruction use for radiation dose reduction in pediatric lower-extremity CT: impact on diagnostic image quality. <i>Skeletal Radiology</i> , 2018, 47, 785-793.	1.2	7
1334	Cardiac MR imaging genotoxicity?. <i>European Heart Journal</i> , 2018, 39, 313-315.	1.0	4
1335	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.	1.1	38
1336	Ionizing radiation exposure: hazards, prevention, and biomarker screening. <i>Environmental Science and Pollution Research</i> , 2018, 25, 15294-15306.	2.7	31
1337	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imaging: Best Practices for Safety and Effectiveness. <i>Journal of the American College of Cardiology</i> , 2018, 71, e283-e351.	1.2	84
1338	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imaging Best Practices for Safety and Effectiveness, Part 1: Radiation Physics and Radiation Biology. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2811-2828.	1.2	23
1339	The Biomarker S100B and Mild Traumatic Brain Injury: A Meta-analysis. <i>Pediatrics</i> , 2018, 141, .	1.0	59
1340	Trends in Imaging Findings, Interventions, and Outcomes Among Children With Isolated Head Trauma. <i>Pediatric Emergency Care</i> , 2021, 37, 55-61.	0.5	7
1341	Responsible use of advanced imaging technology. How well are risks and benefits of radiation recognised?. <i>Injury</i> , 2018, 49, 883-884.	0.7	1
1342	Vomiting With Head Trauma and Risk of Traumatic Brain Injury. <i>Pediatrics</i> , 2018, 141, .	1.0	21
1343	Using Black Bone Magnetic Resonance Imaging in Craniofacial Virtual Surgical Planning: A Comparative Cadaver Study. <i>Plastic and Reconstructive Surgery</i> , 2018, 141, 1459-1470.	0.7	24
1344	Standardized reporting of appendicitis-related findings improves reliability of ultrasound in diagnosing appendicitis in children. <i>Journal of Pediatric Surgery</i> , 2018, 53, 984-987.	0.8	21
1345	Controversies in the Evaluation and Management of Otosclerosis. <i>Otolaryngologic Clinics of North America</i> , 2018, 51, 487-499.	0.5	15
1346	Diagnostic performance of CT-guided percutaneous transthoracic core needle biopsy using low tube voltage (100 kVp): comparison with conventional tube voltage (120 kVp). <i>Acta Radiologica</i> , 2018, 59, 425-433.	0.5	17

#	ARTICLE	IF	CITATIONS
1347	MRI in mild pediatric traumatic brain injury: diagnostic overkill or useful tool?. <i>Child's Nervous System</i> , 2018, 34, 1345-1352.	0.6	7
1348	Induction of somatic mutations by low-dose X-rays: the challenge in recognizing radiation-induced events. <i>Journal of Radiation Research</i> , 2018, 59, ii11-ii17.	0.8	10
1349	Adaptive Graph-Based Total Variation for Tomographic Reconstructions. <i>IEEE Signal Processing Letters</i> , 2018, 25, 700-704.	2.1	29
1350	Pediatric blunt cerebrovascular injury: the McGovern screening score. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 21, 639-649.	0.8	32
1351	Epidemiology and Hereditary Aspects of Acute Leukemia. , 2018, , 179-195.		0
1352	Over-scanning in chest CT: Comparison of practice among six hospitals and its impact on radiation dose. <i>European Journal of Radiology</i> , 2018, 102, 49-54.	1.2	21
1353	Development of a congenital cardiovascular computed tomography imaging registry: Rationale and implementation. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 263-266.	0.7	12
1354	Changing Trends in Brain Imaging Technique for Pediatric Patients with Ventriculoperitoneal Shunts. <i>Pediatric Neurosurgery</i> , 2018, 53, 116-120.	0.4	14
1355	Cognitive function following head CT in childhood: a randomized controlled follow-up trial. <i>Acta Radiologica</i> , 2018, 59, 221-228.	0.5	5
1356	Point-of-Care Ultrasound Integrated Into a Staged Diagnostic Algorithm for Pediatric Appendicitis. <i>Pediatric Emergency Care</i> , 2018, 34, 109-115.	0.5	31
1357	Contrast enhanced ultrasound for the evaluation of blunt pediatric abdominal trauma. <i>Journal of Pediatric Surgery</i> , 2018, 53, 548-552.	0.8	46
1358	Free-breathing pediatric chest MRI: Performance of self-navigated golden-angle ordered conical ultrashort echo time acquisition. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 200-209.	1.9	38
1359	Verification of organ doses calculated by a dose monitoring software tool based on Monte Carlo Simulation in thoracic CT protocols. <i>Acta Radiologica</i> , 2018, 59, 322-326.	0.5	12
1360	Variability in Imaging Practices and Comparative Cumulative Effective Dose for Neuroblastoma and Nephroblastoma Patients at 6 Pediatric Oncology Centers. <i>Journal of Pediatric Hematology/Oncology</i> , 2018, 40, 36-42.	0.3	2
1361	A NOVEL METHOD TO ESTIMATE LYMPHOCYTE DOSE AND APPLICATION TO PEDIATRIC AND YOUNG ADULT CT PATIENTS IN THE UNITED KINGDOM. <i>Radiation Protection Dosimetry</i> , 2018, 178, 116-121.	0.4	6
1362	Computed tomography only useful for selected patients presenting with primary eye complaints in the emergency department. <i>American Journal of Emergency Medicine</i> , 2018, 36, 162-164.	0.7	3
1363	How to Provide Gadolinium-Free PET/MR Cancer Staging of Children and Young Adults in Less than 1Âh: the Stanford Approach. <i>Molecular Imaging and Biology</i> , 2018, 20, 324-335.	1.3	29
1364	Predicting need for additional CT scan in children with a non-diagnostic ultrasound for appendicitis in the emergency department. <i>American Journal of Emergency Medicine</i> , 2018, 36, 49-55.	0.7	8

#	ARTICLE	IF	CITATIONS
1365	Sports-Related Concussion. <i>Child and Adolescent Psychiatric Clinics of North America</i> , 2018, 27, 93-108.	1.0	17
1366	Utility of intraoperative imaging in cochlear implantation: A systematic review. <i>Laryngoscope</i> , 2018, 128, 1914-1921.	1.1	13
1367	An Assessment of the Quality of CT Radiation Dose Information on the Internet. <i>Journal of the American College of Radiology</i> , 2018, 15, 11-18.	0.9	7
1368	Radiation dose reduction during neuroendovascular procedures. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 481-486.	2.0	8
1369	Individual radiation exposure from computed tomography: a survey of paediatric practice in French university hospitals, 2010â€“2013. <i>European Radiology</i> , 2018, 28, 630-641.	2.3	15
1370	Evaluation of an iterative model-based reconstruction of pediatric abdominal CT with regard to image quality and radiation dose. <i>Acta Radiologica</i> , 2018, 59, 740-747.	0.5	6
1371	Convex bone deformity after closed reduction of nasal bone fracture. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2018, 71, 85-89.	0.5	10
1372	Cardiac Computed Tomography. <i>Journal of Thoracic Imaging</i> , 2018, 33, 156-167.	0.8	2
1373	Pediatric head trauma: an extensive review on imaging requisites and unique imaging findings. <i>European Journal of Trauma and Emergency Surgery</i> , 2018, 44, 351-368.	0.8	8
1374	Assessment of CT dose to the fetus and pregnant female patient using patient-specific computational models. <i>European Radiology</i> , 2018, 28, 1054-1065.	2.3	26
1375	Computed tomography findings in young children with minor head injury presenting to the emergency department greater than 24 h post injury. <i>Injury</i> , 2018, 49, 82-85.	0.7	7
1376	Plasma D-dimer safely reduces unnecessary CT scans obtained in the evaluation of pediatric head trauma. <i>Journal of Pediatric Surgery</i> , 2018, 53, 752-757.	0.8	10
1377	Missed Opportunities to Decrease Radiation Exposure in Children with Renal Trauma. <i>Journal of Urology</i> , 2018, 199, 552-557.	0.2	21
1378	Reappraisal of Neonatal Greenstick Skull Fractures Caused by Birth Injuries: Comparison of 3-Dimensional Reconstructed Computed Tomography and Simple Skull Radiographs. <i>World Neurosurgery</i> , 2018, 109, e305-e312.	0.7	16
1379	A Systematic Review and Meta-Analysis of the Management and Outcomes of Isolated Skull Fractures in Children. <i>Annals of Emergency Medicine</i> , 2018, 71, 714-724.e2.	0.3	19
1380	Ionizing radiation from computed tomography versus anesthesia for magnetic resonance imaging in infants and children: patient safety considerations. <i>Pediatric Radiology</i> , 2018, 48, 21-30.	1.1	80
1381	Computed Tomography Scans in Patients With Young Adult Hip Pain Carry a Lifetime Risk of Malignancy. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 155-163.e3.	1.3	41
1382	Evaluation of Pain Syndromes, Headache, and Temporomandibular Joint Disorders in Children. <i>Oral and Maxillofacial Surgery Clinics of North America</i> , 2018, 30, 11-24.	0.4	10

#	ARTICLE	IF	CITATIONS
1383	Radiation protection for surgeons and anesthetists: practices and knowledge before and after training. <i>Journal of Radiological Protection</i> , 2018, 38, 175-188.	0.6	15
1384	Can We Perform CT of the Appendix with Less Than 1 mSv? A De-escalating Dose-simulation Study. <i>European Radiology</i> , 2018, 28, 1826-1834.	2.3	17
1385	Meningiomas. , 2018, , 259-298.		12
1386	The Dilemma Associated with Incidental Findings. <i>Pediatric and Adolescent Medicine</i> , 2018, , 41-59.	0.4	0
1387	Evaluation of positional plagiocephaly: Conventional anthropometric measurement versus laser scanning method. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 11-21.	0.7	24
1388	Risk of developing chronic myeloid neoplasms in well-differentiated thyroid cancer patients treated with radioactive iodine. <i>Leukemia</i> , 2018, 32, 952-959.	3.3	30
1389	Caseâ€“Control Study of Papillary Thyroid Carcinoma on Urinary and Dietary Iodine Status in South Korea. <i>World Journal of Surgery</i> , 2018, 42, 1424-1431.	0.8	18
1390	Radiation dose exposure in patients affected by lymphoma undergoing repeat CT examinations: how to manage the radiation dose variability. <i>Radiologia Medica</i> , 2018, 123, 191-201.	4.7	12
1391	Comparison of Radiation Dose and Image Quality of Abdominopelvic CT Using Iterative (AIDR 3D) and Conventional Reconstructions. <i>American Journal of Roentgenology</i> , 2018, 210, 127-133.	1.0	15
1392	Whole-body magnetic resonance imaging for detection of skeletal metastases in children and young people with primary solid tumors - systematic review. <i>Pediatric Radiology</i> , 2018, 48, 241-252.	1.1	20
1393	Non-contrast quantitative pulmonary perfusion using flow alternating inversion recovery at 3 T: A preliminary study. <i>Magnetic Resonance Imaging</i> , 2018, 46, 106-113.	1.0	7
1394	Iterative Metallic Artifact Reduction for In-Plane Gonadal Shielding During Computed Tomographic Venography of Young Males. <i>Journal of Computer Assisted Tomography</i> , 2018, 42, 269-276.	0.5	1
1395	Whole-body computed tomography in severely injured patients. <i>Current Opinion in Critical Care</i> , 2018, 24, 55-61.	1.6	30
1396	Measuring the Transrectal Diameter on Point-of-Care Ultrasound to Diagnose Constipation in Children. <i>Pediatric Emergency Care</i> , 2018, 34, 154-159.	0.5	27
1397	Validating a Clinical Prediction Rule for Ventricular Shunt Malfunction. <i>Pediatric Emergency Care</i> , 2018, 34, 751-756.	0.5	5
1398	Neurodevelopmental disorders in children with macrocephaly: A prevalence study and PTEN gene analysis. <i>Brain and Development</i> , 2018, 40, 36-41.	0.6	14
1399	Histologically Proven Bronchial Neuroendocrine Tumors in MEN1: A GTE 51â€“Case Cohort Study. <i>World Journal of Surgery</i> , 2018, 42, 143-152.	0.8	27
1400	Clinical indications and scanning protocols for chest CT in children with cystic fibrosis: a survey of UK tertiary centres. <i>BMJ Paediatrics Open</i> , 2018, 2, e000367.	0.6	8

#	ARTICLE	IF	CITATIONS
1421	Automated tube voltage selection in pediatric non-contrast chest CT. PLoS ONE, 2018, 13, e0204794.	1.1	3
1422	Sport-Related Concussion in Children and Adolescents. Pediatrics, 2018, 142, .	1.0	144
1423	Epidemiology and Overview of Gliomas. Seminars in Oncology Nursing, 2018, 34, 420-429.	0.7	163
1425	14 Supratentorial Tumors. , 2018, , .		0
1426	Contrast-Enhanced Ultrasound for identifying circulatory complications after liver transplants in children. Pediatric Transplantation, 2018, 23, e13327.	0.5	13
1427	Estimation of Cancer Incidence and Mortality Risks Attributed to Diagnostic Medical Radiation Exposure in Korea, 2013. Journal of Korean Medical Science, 2018, 33, e211.	1.1	3
1429	Discussion. Plastic and Reconstructive Surgery, 2018, 141, 1471-1473.	0.7	0
1431	Indirect adjustment of relative risks of an exposure with multiple categories for an unmeasured confounder. Annals of Epidemiology, 2018, 28, 801-807.	0.9	7
1432	Novel 4D-MRI of tumor infiltrating vasculature: characterizing tumor and vessel volume motion for selective boost volume definition in pancreatic radiotherapy. Radiation Oncology, 2018, 13, 191.	1.2	3
1433	Structural and Functional Lung Impairment in Primary Ciliary Dyskinesia. Assessment with Magnetic Resonance Imaging and Multiple Breath Washout in Comparison to Spirometry. Annals of the American Thoracic Society, 2018, 15, 1434-1442.	1.5	36
1434	Are We Approaching the End of the Linear No-Threshold Era?. Journal of Nuclear Medicine, 2018, 59, 1786-1793.	2.8	49
1435	Evaluating diagnostic yield of computed tomography (CT) and magnetic resonance imaging (MRI) in pediatric unilateral sensorineural hearing loss. International Journal of Pediatric Otorhinolaryngology, 2018, 115, 41-44.	0.4	15
1436	Epidemiology of Pediatric Central Nervous System Tumors. , 2018, , 1-15.		0
1437	Long-Term Outcomes Among Survivors of Childhood Central Nervous System Malignancies: Late Mortality, Subsequent Neoplasms, Endocrine and Neurologic Morbidity. , 2018, , 347-378.		0
1438	Chromosomal Abnormalities in Human Lymphocytes after Computed Tomography Scan Procedure. Radiation Research, 2018, 190, 424.	0.7	21
1439	Health Impacts of Low-Dose Ionizing Radiation: Current Scientific Debates and Regulatory Issues. Dose-Response, 2018, 16, 155932581879633.	0.7	147
1440	Effect of arm position, presence of medical devices, and off-centering during acquisition of scout image on automatic tube voltage selection and current modulation in pediatric chest CT. PLoS ONE, 2018, 13, e0195807.	1.1	4
1441	Radical change of apoptotic strategy following irradiation during later period of embryogenesis in medaka (<i>Oryzias latipes</i>). PLoS ONE, 2018, 13, e0201790.	1.1	1

#	ARTICLE	IF	CITATIONS
1442	Assessing Cochlear Length Using Cone Beam Computed Tomography in Adults With Cochlear Implants. <i>Otology and Neurotology</i> , 2018, 39, e757-e764.	0.7	6
1443	Low-Dose Computed Tomography for the Optimization of Radiation Dose Exposure in Patients with Crohn's Disease. <i>Gastroenterology Research and Practice</i> , 2018, 2018, 1-10.	0.7	7
1444	Diagnosis of congenital and acquired focal lesions in the neck, abdomen, and pelvis with contrast-enhanced ultrasound: a pictorial essay. <i>European Journal of Pediatrics</i> , 2018, 177, 1459-1470.	1.3	3
1445	Radiation Dose Reduction with a Low-Tube Voltage Technique for Pediatric Chest Computed Tomographic Angiography Based on the Contrast-to-Noise Ratio Index. <i>Canadian Association of Radiologists Journal</i> , 2018, 69, 390-396.	1.1	16
1447	Dependency of prescribed CT dose on table height, patient size, and localizer acquisition for one clinical MDCT. <i>Physica Medica</i> , 2018, 55, 56-60.	0.4	7
1448	External validation of the Scandinavian guidelines for management of minimal, mild and moderate head injuries in children. <i>BMC Medicine</i> , 2018, 16, 176.	2.3	13
1449	Radiation Dose Optimization in Pediatric Chest CT: Major Indicators of Dose Exposure in 1695 CT Scans over Seven Years. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018, 190, 1131-1140.	0.7	10
1450	MRI in donor candidates for living donor liver transplant: Technical and practical considerations. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1453-1467.	1.9	16
1451	Nontraumatic Stroke in Children. , 2018, , 229-240.e5.		0
1452	Reducing the radiation exposure from CT scanning in children with shunts: a nationwide survey and a departmental CT protocol. <i>British Journal of Neurosurgery</i> , 2018, 32, 558-562.	0.4	5
1453	10 Assessment of Acute Loss of Consciousness. , 2018, , .		0
1454	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imaging Best Practices for Safety and Effectiveness, Part 1: Radiation Physics and Radiation Biology. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, 203-221.	0.7	7
1455	Use of CT for Head Trauma: 2007-2015. <i>Pediatrics</i> , 2018, 142, .	1.0	51
1456	Pediatric Computed Tomography Scans and Cancer Risk Reply. <i>JAMA Pediatrics</i> , 2018, 172, 1100.	3.3	0
1457	The detection of significant fractures in suspected infant abuse. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2018, 60, 9-14.	0.5	16
1458	Hand, wrist, knee, and foot/ankle dosimetry and image quality measurements of a novel extremity imaging unit providing CBCT and 2D imaging options. <i>Medical Physics</i> , 2018, 45, 4955-4963.	1.6	13
1459	Maximizing Benefit and Minimizing Risk in Medical Imaging Use: An Educational Primer for Health Care Professions Students. <i>Journal of Medical Education and Curricular Development</i> , 2018, 5, 238212051879881.	0.7	1
1460	CT scan exposure in Spanish children and young adults by socioeconomic status: Cross-sectional analysis of cohort data. <i>PLoS ONE</i> , 2018, 13, e0196449.	1.1	8

#	ARTICLE	IF	CITATIONS
1461	Variability in radiation dose and image quality: A comparison across fluoroscopy system vendors, generations of equipment and institutions. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, E471-E477.	0.7	3
1462	Radiation Dose Reduction at Pediatric CT: Use of Low Tube Voltage and Iterative Reconstruction. <i>Radiographics</i> , 2018, 38, 1421-1440.	1.4	84
1463	Developing Quality Measures for Diagnostic Radiologists: Part 2. <i>Journal of the American College of Radiology</i> , 2018, 15, 1366-1384.	0.9	7
1464	Radiophobia: 7 Reasons Why Radiography Used in Spine and Posture Rehabilitation Should Not Be Feared or Avoided. <i>Dose-Response</i> , 2018, 16, 155932581878144.	0.7	31
1465	Centers for Disease Control and Prevention Guideline on the Diagnosis and Management of Mild Traumatic Brain Injury Among Children. <i>JAMA Pediatrics</i> , 2018, 172, e182853.	3.3	357
1466	Trends and patterns of incidence of diffuse glioma in adults in the United States, 1973-2014. <i>Cancer Medicine</i> , 2018, 7, 5281-5290.	1.3	47
1467	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imaging: Best Practices for Safety and Effectiveness. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, E35-E97.	0.7	12
1468	Radiation Dose and Risk Estimates of CT-Guided Percutaneous Liver Ablations and Factors Associated with Dose Reduction. <i>CardioVascular and Interventional Radiology</i> , 2018, 41, 1935-1942.	0.9	4
1469	High susceptibility of mouse newborns to delayed appearance of DNA double-strand breaks in neural stem/progenitor cells exposed to ionizing radiation. <i>Journal of Radiation Research</i> , 2018, 59, 685-691.	0.8	1
1470	It Is Time to Move Beyond the Linear No-Threshold Theory for Low-Dose Radiation Protection. <i>Dose-Response</i> , 2018, 16, 155932581877965.	0.7	62
1471	Repeat Head CT for Expectant Management of Traumatic Epidural Hematoma. <i>Pediatrics</i> , 2018, 142, .	1.0	14
1472	Craniofacial Flash: Minimizing Radiation Dose in Pediatric Craniofacial Computed Tomography. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 1751-1754.	0.3	6
1473	<i>Epidemiology of Childhood Cancer.</i> , 2018, , 1-20.		1
1474	Indication of whole body computed tomography in pediatric polytrauma patients: Diagnostic potential of the Glasgow Coma Scale, the mechanism of injury and clinical examination. <i>European Journal of Radiology</i> , 2018, 105, 32-40.	1.2	8
1475	Risk of subsequent myeloid neoplasms after radiotherapy treatment for a solid cancer among adults in the United States, 2000-2014. <i>Leukemia</i> , 2018, 32, 2580-2589.	3.3	22
1476	Use of EOS Low-Dose Biplanar X-Ray for Shunt Series in Children with Hydrocephalus: A Preliminary Study. <i>World Neurosurgery</i> , 2018, 116, e273-e277.	0.7	3
1477	Neonatal Pulmonary Magnetic Resonance Imaging of Bronchopulmonary Dysplasia Predicts Short-Term Clinical Outcomes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1302-1311.	2.5	93
1478	Implementation of a CT scan practice guideline for pediatric trauma patients reduces unnecessary scans without impacting outcomes. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 451-458.	1.1	20

#	ARTICLE	IF	CITATIONS
1479	Medical imaging dose optimisation from ground up: expert opinion of an international summit. <i>Journal of Radiological Protection</i> , 2018, 38, 967-989.	0.6	38
1480	The Consequences of Inappropriate Use of Emergency Imaging. <i>Evidence-based Imaging</i> , 2018, , 37-46.	0.0	1
1481	The feasibility of high-pitch acquisition protocol for imaging of the pediatric abdomen by dual-source CT. <i>Japanese Journal of Radiology</i> , 2018, 36, 437-443.	1.0	1
1482	Multicentre standardisation of chest MRI as radiation-free outcome measure of lung disease in young children with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2018, 17, 518-527.	0.3	68
1483	Radiation Exposure and Mortality from Cardiovascular Disease and Cancer in Early NASA Astronauts. <i>Scientific Reports</i> , 2018, 8, 8480.	1.6	45
1484	Lower extremity CT angiography at 80 kVp using iterative model reconstruction. <i>Diagnostic and Interventional Imaging</i> , 2018, 99, 561-568.	1.8	9
1485	Maternal Folate Intake and Risk of Childhood Brain and Spinal Cord Tumors: A Systematic Review and Meta-Analysis. <i>Neuroepidemiology</i> , 2018, 51, 82-95.	1.1	10
1486	Multiple Pediatric Head Injury Decision Rules but What Should the Clinician Use?. <i>Academic Emergency Medicine</i> , 2018, 25, 811-814.	0.8	0
1487	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.	1.2	12
1488	Management of brain abscesses: where are we now?. <i>Child's Nervous System</i> , 2018, 34, 1871-1880.	0.6	14
1489	The International Atomic Energy Agency action plan on radiation protection of patients and staff in interventional procedures: Achieving change in practice. <i>Physica Medica</i> , 2018, 52, 56-64.	0.4	23
1490	Utilization of a handheld metal detector protocol to reduce radiation exposure in pediatric patients with esophageal coins. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2018, 112, 104-108.	0.4	4
1492	Serum S100B Levels Can Predict Computed Tomography Findings in Paediatric Patients with Mild Head Injury. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	13
1493	Cancer risk assessment in modern radiotherapy workflow with medical big data. <i>Cancer Management and Research</i> , 2018, Volume 10, 1665-1675.	0.9	12
1494	Disparities in Radiation Burden from Trauma Evaluation at Pediatric Versus Nonpediatric Institutions. <i>Journal of Surgical Research</i> , 2018, 232, 475-483.	0.8	5
1495	VALIDATION OF MONTE CARLO DOSE CALCULATION FOR PAEDIATRIC CT EXAMINATIONS USING TUBE CURRENT MODULATION BASED ON IN-PHANTOM DOSIMETRY. <i>Radiation Protection Dosimetry</i> , 2018, 182, 508-517.	0.4	0
1496	Subtle excess in lifetime cancer risk related to CT scanning in Spanish young people. <i>Environment International</i> , 2018, 120, 1-10.	4.8	15
1497	Risk of Brain Tumor Induction from Pediatric Head CT Procedures: A Systematic Literature Review. <i>Brain Tumor Research and Treatment</i> , 2018, 6, 1.	0.4	68

#	ARTICLE	IF	CITATIONS
1498	Low-tube-voltage combined with adaptive statistical iterative reconstruction-V technique in CT venography of lower limb deep vein thrombosis. <i>Scientific Reports</i> , 2018, 8, 11174.	1.6	7
1500	Imaging Dose, Cancer Risk and Cost Analysis in Image-guided Radiotherapy of Cancers. <i>Scientific Reports</i> , 2018, 8, 10076.	1.6	16
1501	Radiation exposure from computerized tomography and risk of childhood leukemia: Finnish register-based case-control study of childhood leukemia (FRECCLE). <i>Haematologica</i> , 2018, 103, 1873-1880.	1.7	30
1502	Prenatally diagnosed congenital lung malformationsâ€”A longâ€term outcome study. <i>Pediatric Pulmonology</i> , 2018, 53, 1442-1446.	1.0	21
1503	Intracranial Hemorrhage. , 2018, , 593-622.e7.		8
1504	Leukaemia and myeloid malignancy among people exposed to low doses (<100 mSv) of ionising radiation during childhood: a pooled analysis of nine historical cohort studies. <i>Lancet Haematology</i> , 2018, 5, e346-e358.	2.2	103
1505	Implications of recent epidemiologic studies for the linear nonthreshold model and radiation protection. <i>Journal of Radiological Protection</i> , 2018, 38, 1217-1233.	0.6	80
1506	Validation and refinement of a clinical decision rule for the use of computed tomography in children with minor head injury in the emergency department. <i>Cmaj</i> , 2018, 190, E816-E822.	0.9	21
1507	Radiation Exposure in Pediatric Intensive Care Unit Patients: How Much Is Too Much?. <i>Clinical Pediatrics</i> , 2018, 57, 1391-1397.	0.4	4
1508	â€œGAPPSâ€in Patient Safety. <i>Pediatrics</i> , 2018, 142, e20180954.	1.0	1
1510	Image-Guided Radiotherapy in Paediatrics: A Survey of International Patterns of Practice. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2018, 49, 265-269.	0.2	3
1511	DEVELOPMENT OF RADIATION DOSE CALCULATION SOFTWARE USING THE SIZE-SPECIFIC DOSE ESTIMATE. <i>Radiation Protection Dosimetry</i> , 2018, 182, 359-369.	0.4	3
1512	The radiation footprint on the pediatric trauma patient. <i>International Journal of Emergency Medicine</i> , 2018, 11, 18.	0.6	7
1513	18 F-FDG PET/contrast enhanced CT in the standard follow-up of patients with lymphoma. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2018, 37, 151-155.	0.1	0
1514	Probability Distribution of Dose and Dose-Rate Effectiveness Factor for use in Estimating Risks of Solid Cancers From Exposure to Low-Let Radiation. <i>Health Physics</i> , 2018, 114, 602-622.	0.3	25
1515	Access to primary care and computed tomography use in the emergency department. <i>BMC Health Services Research</i> , 2018, 18, 154.	0.9	31
1516	Bedside Sonography Performed by Emergency Physicians to Detect Appendicitis in Children. <i>Academic Emergency Medicine</i> , 2018, 25, 1035-1041.	0.8	13
1517	RADIATION DOSE AND IMAGE QUALITY IN PEDIATRIC HEAD CT. <i>Radiation Protection Dosimetry</i> , 2018, 182, 310-316.	0.4	4

#	ARTICLE	IF	CITATIONS
1518	Evidence for dose and dose rate effects in human and animal radiation studies. <i>Annals of the ICRP</i> , 2018, 47, 97-112.	3.0	16
1519	Hydrocephalus in Children. , 2018, , 133-147.e3.		1
1520	Significant Suppression of CT Radiation-Induced DNA Damage in Normal Human Cells by the PrC-210 Radioprotector. <i>Radiation Research</i> , 2018, 190, 133.	0.7	9
1521	Automated determination of cardiac rest period on whole-heart coronary magnetic resonance angiography by extracting high-speed motion of coronary arteries. <i>Clinical Imaging</i> , 2018, 52, 183-188.	0.8	1
1522	Impact of iterative model reconstruction combined with dose reduction on the image quality of head and neck CTA in children. <i>Scientific Reports</i> , 2018, 8, 12613.	1.6	17
1523	Significant dose reduction using synchrotron radiation computed tomography: first clinical case and application to high resolution CT exams. <i>Scientific Reports</i> , 2018, 8, 12491.	1.6	17
1524	Complete traumatic aortic transection. <i>Journal of Pediatric Surgery Case Reports</i> , 2018, 38, 4-8.	0.1	2
1525	To Scan or Not to Scan: Overutilization of Computed Tomography for Minor Head Injury at a Pediatric Trauma Center. <i>Journal of Surgical Research</i> , 2018, 232, 164-170.	0.8	9
1526	The role of routine imaging in pediatric cutaneous melanoma. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27412.	0.8	7
1527	Overview of Biological, Epidemiological, and Clinical Evidence of Radiation Hormesis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2387.	1.8	90
1528	Childhood cancer research in oxford III: The work of CCRG on ionising radiation. <i>British Journal of Cancer</i> , 2018, 119, 771-778.	2.9	12
1529	Accuracy of NEXUS II head injury decision rule in children: a prospective PREDICT cohort study. <i>Emergency Medicine Journal</i> , 2018, 36, emermed-2017-207435.	0.4	4
1530	Image quality comparison of two adaptive statistical iterative reconstruction (ASiR, ASiR-V) algorithms and filtered back projection in routine liver CT. <i>British Journal of Radiology</i> , 2018, 91, 20170655.	1.0	38
1531	Pediatric Melanoma and Atypical Melanocytic Neoplasms. , 2018, , 213-237.		1
1532	Epidemiology of Brain Tumors. <i>Neurologic Clinics</i> , 2018, 36, 395-419.	0.8	135
1533	Low dose or low dose rate ionizing radiation-induced health effect in the human. <i>Journal of Environmental Radioactivity</i> , 2018, 192, 32-47.	0.9	82
1534	Assessment of organ dose and image quality in head and chest CT examinations: a phantom study. <i>Journal of Radiological Protection</i> , 2018, 38, 807-818.	0.6	8
1535	In Vivo Studies: Spinal Imaging. , 2018, , 169-187.		0

#	ARTICLE	IF	CITATIONS
1536	Low-dose ionizing radiation exposure represses the cell cycle and protein synthesis pathways in in vitro human primary keratinocytes and U937 cell lines. PLoS ONE, 2018, 13, e0199117.	1.1	10
1537	Low dose radiation, inflammation, cancer and chemoprevention. International Journal of Radiation Biology, 2019, 95, 506-515.	1.0	16
1538	Assessment of Low Doses During Diagnostic Procedures Using BeO Detectors and OSL Technique. IFMBE Proceedings, 2019, , 623-626.	0.2	1
1539	Conical ultrashort echo time (UTE) MRI in the evaluation of pediatric acute appendicitis. Abdominal Radiology, 2019, 44, 22-30.	1.0	4
1540	Absolute neutrophil count as a diagnostic guide for the use of MRI in the workup of suspected appendicitis in children. Journal of Pediatric Surgery, 2019, 54, 1359-1364.	0.8	5
1541	Factors influencing the effective dose associated with CBCT: a systematic review. Clinical Oral Investigations, 2019, 23, 1319-1330.	1.4	18
1542	Radiation Exposure From Pediatric CT Scans and Subsequent Cancer Risk in the Netherlands. Journal of the National Cancer Institute, 2019, 111, 256-263.	3.0	218
1543	The Use of Model-based Iterative Reconstruction to Optimize Chest CT Examinations for Diagnosing Lung Metastases in Patients with Sarcoma. Academic Radiology, 2019, 26, 50-61.	1.3	3
1544	Effect of Ionizing Radiation from Computed Tomography on Differentiation of Human Embryonic Stem Cells into Neural Precursors. International Journal of Molecular Sciences, 2019, 20, 3900.	1.8	3
1545	Bedside ultrasonography for acute appendicitis: An updated diagnostic meta-analysis. International Journal of Surgery, 2019, 70, 1-9.	1.1	14
1546	Radiation dose to the lens from CT of the head in young people. Clinical Radiology, 2019, 74, 816.e9-816.e17.	0.5	15
1547	Radiation Exposure and Safety for the Electrophysiologist. , 2019, , 17-28.		0
1548	Patterns and trends in outpatient diagnostic imaging studies of the Brazilian public healthcare system, 2002â€“2014. Health Policy and Technology, 2019, 8, 254-260.	1.3	2
1549	Craniosynostosis. , 2019, , 177-189.		0
1551	Imaging in craniosynostosis: when and what?. Child's Nervous System, 2019, 35, 2055-2069.	0.6	36
1552	Diagnostic value of chest ultrasound in children with cystic fibrosis â€“ Pilot study. PLoS ONE, 2019, 14, e0215786.	1.1	12
1553	Efficacy of the Monte Carlo method and dose reduction strategies in paediatric panoramic radiography. Scientific Reports, 2019, 9, 9691.	1.6	7
1554	Alvarado Scores Predict Additive Value of Magnetic Resonance Imaging in Workup of Suspected Appendicitis in Children. Journal of Surgical Research, 2019, 244, 42-49.	0.8	5

#	ARTICLE	IF	CITATIONS
1555	Fifteen-minute consultation: How to be the paediatrician at a trauma call. Archives of Disease in Childhood: Education and Practice Edition, 2020, 105, edpract-2018-315975.	0.3	0
1556	Radiation epidemiology and health effects following low-level radiation exposure. Journal of Radiological Protection, 2019, 39, S14-S27.	0.6	20
1557	Whole-body magnetic resonance imaging in paediatric Hodgkin lymphoma – evaluation of quantitative magnetic resonance metrics for nodal staging. Pediatric Radiology, 2019, 49, 1285-1298.	1.1	4
1558	Suspected appendicitis pathway continues to lower CT rates in children two years after implementation. American Journal of Surgery, 2019, 218, 716-721.	0.9	4
1559	A clinical pathway to minimize computed tomography for suspected nephrolithiasis in children. Journal of Pediatric Urology, 2019, 15, 518.e1-518.e7.	0.6	5
1560	Trends in Medical Imaging During Pregnancy in the United States and Ontario, Canada, 1996 to 2016. JAMA Network Open, 2019, 2, e197249.	2.8	30
1561	Second follow-up of a German cohort on childhood cancer incidence after exposure to postnatal diagnostic x-ray. Journal of Radiological Protection, 2019, 39, 1074-1091.	0.6	9
1562	Chronic non-bacterial osteomyelitis: a comparative study between children and adults. Pediatric Rheumatology, 2019, 17, 49.	0.9	40
1563	Current Concepts in the Evaluation of the Pediatric Patient with Concussion. Current Reviews in Musculoskeletal Medicine, 2019, 12, 340-345.	1.3	4
1564	Radioprotective Effect of Hesperidin: A Systematic Review. Medicina (Lithuania), 2019, 55, 370.	0.8	17
1565	Pilot clinical study of ascorbic acid treatment in cardiac catheterization. Journal of Radiation Research, 2019, 60, 573-578.	0.8	1
1566	Evaluation of the Risks and Benefits of Computed Tomography Urography for Assessment of Gross Hematuria. Urology, 2019, 133, 40-45.	0.5	7
1567	Diagnostic and Interventional Radiology. , 2019, , 67-97.		0
1568	A Scalable Database of Organ Doses for Common Diagnostic Fluoroscopy Procedures of Children: Procedures of Historical Practice for Use in Radiation Epidemiology Studies. Radiation Research, 2019, 192, 649.	0.7	2
1570	Primary diagnosis of pulmonary embolism with unenhanced MRI for patients not eligible for CTPA: Clinical outcome. European Journal of Radiology Open, 2019, 6, 315-319.	0.7	5
1571	Contrast-enhanced CT Texture Parameters as Predictive Markers of High-risk Urodynamic Features in Adult Patients with Spina Bifida. Urology, 2019, 134, 84-89.	0.5	4
1572	RISK EVALUATION IN THE LOW-DOSE RANGE CT FOR RADIATION-EXPOSED CHILDREN, BASED ON DNA DAMAGE. Radiation Protection Dosimetry, 2019, 186, 163-167.	0.4	8
1573	Investigation of the cumulative number of chromosome aberrations induced by three consecutive CT examinations in eight patients. Journal of Radiation Research, 2019, 60, 729-739.	0.8	8

#	ARTICLE	IF	CITATIONS
1574	Childhood Hearing Australasian Medical Professionals network: Consensus guidelines on investigation and clinical management of childhood hearing loss. <i>Journal of Paediatrics and Child Health</i> , 2019, 55, 1013-1022.	0.4	12
1575	The Introduction and Development of the H&Eindex for Imaging Utilizers: A Novel Metric for Quantifying Utilization of Emergency Department Imaging. <i>Academic Emergency Medicine</i> , 2019, 26, 1125-1134.	0.8	3
1576	Ultrasonography with the colonic segment-approach for colonic polyps in children. <i>Pediatric Radiology</i> , 2019, 49, 1735-1741.	1.1	4
1577	Outcomes with non-sedated MRI for infants with sensorineural hearing loss. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2019, 127, 109662.	0.4	2
1578	Ultrasound detection of crystal gel ball ingestion in children. <i>Pediatric Radiology</i> , 2019, 49, 1850-1852.	1.1	3
1579	Balancing risks and rewards in assessing pediatric heart disease. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1409-1412.	1.4	0
1580	Oxidized Cell-Free DNA Is a Factor of Stress Signaling in Radiation-Induced Bystander Effects in Different Types of Human Cells. <i>International Journal of Genomics</i> , 2019, 2019, 1-7.	0.8	14
1581	Stronger L 2 /L 2 compressed sensing; without iterating. , 2019, , .		6
1582	Association of Exposure to Diagnostic Low-Dose Ionizing Radiation With Risk of Cancer Among Youths in South Korea. <i>JAMA Network Open</i> , 2019, 2, e1910584.	2.8	106
1583	Toxicity of ionizing radiation (IR) in a human induced pluripotent stem cell (hiPSC)-derived 3D early neurodevelopmental model. <i>Archives of Toxicology</i> , 2019, 93, 2879-2893.	1.9	7
1584	Gamma Radiation-Induced Disruption of Cellular Junctions in HUVECs Is Mediated through Affecting MAPK/NF- κ B Inflammatory Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	22
1585	Trends in Use of Medical Imaging in US Health Care Systems and in Ontario, Canada, 2000-2016. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 843.	3.8	350
1586	Dental X-Rays and the Risk of Thyroid Cancer and Meningioma: A Systematic Review and Meta-Analysis of Current Epidemiological Evidence. <i>Thyroid</i> , 2019, 29, 1572-1593.	2.4	37
1587	Size-specific dose estimations for pediatric chest, abdomen/pelvis and head CT scans with the use of GATE. <i>Physica Medica</i> , 2019, 65, 181-190.	0.4	10
1588	Patient dose in angiographic interventional procedures: A multicentre study in Italy. <i>Physica Medica</i> , 2019, 64, 273-292.	0.4	8
1589	Use of CT in children with minor head injuries with isolated vomiting. <i>Archives of Disease in Childhood</i> , 2019, 104, 1231-1233.	1.0	2
1591	Evaluation of radiation risks during CT brain procedures for adults. <i>Perspectives in Science</i> , 2019, 12, 100407.	0.6	8
1592	Breast exposure reduction using organ-effective modulation on chest CT in Asian women. <i>European Journal of Radiology</i> , 2019, 119, 108651.	1.2	7

#	ARTICLE	IF	CITATIONS
1593	Deformational plagiocephaly: State of the art and review of the literature. <i>Neurochirurgie</i> , 2019, 65, 322-329.	0.6	14
1594	The Feasibility of Fast MRI to Reduce CT Radiation Exposure With Acute Traumatic Head Injuries. <i>Pediatrics</i> , 2019, 144, .	1.0	5
1595	British Society of Gastroenterology consensus guidelines on the management of inflammatory bowel disease in adults. <i>Gut</i> , 2019, 68, s1-s106.	6.1	1,353
1596	Environmental risk factors of primary brain tumors: A review. <i>Revue Neurologique</i> , 2019, 175, 664-678.	0.6	54
1597	Hematopoietic stem and progenitor cell responses to low radiation doses – implications for leukemia risk. <i>International Journal of Radiation Biology</i> , 2019, 95, 892-899.	1.0	14
1598	Application of ASiR in combination with noise index in the chest CT examination of preschool-age children. <i>Radiologia Medica</i> , 2019, 124, 467-477.	4.7	6
1599	Distinct response of adult neural stem cells to low versus high dose ionising radiation. <i>DNA Repair</i> , 2019, 76, 70-75.	1.3	15
1600	Computed Tomography Pulmonary Angiography during Pregnancy: Radiation Dose of Commonly Used Protocols and the Effect of Scan Length Optimization. <i>Korean Journal of Radiology</i> , 2019, 20, 313.	1.5	13
1601	High-pitch CT, decreasing need for sedation and its potential side effects: some practical considerations and future directions. <i>Pediatric Radiology</i> , 2019, 49, 297-300.	1.1	5
1602	10 PET/MRI: Introduction to Clinical Applications. , 2019, , .		0
1603	Radiation databases and archives – examples and comparisons. <i>International Journal of Radiation Biology</i> , 2019, 95, 1378-1389.	1.0	14
1604	Diagnostic Imaging Principles and Applications in Head and Neck Pathology. , 2019, , 173-253.		2
1605	Pediatric computed tomography scans: Weighing the risks and benefits. <i>Cancer</i> , 2019, 125, 171-173.	2.0	7
1606	Efficacy of a selective imaging paradigm prior to pediatric cochlear implantation. <i>Laryngoscope</i> , 2019, 129, 2627-2633.	1.1	9
1607	Is cranial computed tomography unnecessary in children with a head injury and isolated vomiting?. <i>BMJ: British Medical Journal</i> , 2019, 365, l1875.	2.4	5
1608	Hemoglobin Levels Pre- and Posttreatment as a Surrogate for Disease Severity in Early-Onset Scoliosis. <i>Spine Deformity</i> , 2019, 7, 641-646.	0.7	4
1609	Cervical Spine Injury Risk Factors in Children With Blunt Trauma. <i>Pediatrics</i> , 2019, 144, .	1.0	19
1610	Genetic and molecular epidemiology of adult diffuse glioma. <i>Nature Reviews Neurology</i> , 2019, 15, 405-417.	4.9	437

#	ARTICLE	IF	CITATIONS
1611	Estimation of the radiation dose in pregnancy: an automated patient-specific model using convolutional neural networks. <i>European Radiology</i> , 2019, 29, 6805-6815.	2.3	15
1612	Wide-detector CT combined iterative reconstruction in pediatric low-dose scan of the paranasal sinus. <i>Journal of X-Ray Science and Technology</i> , 2019, 27, 731-738.	0.7	3
1613	Radiologic Modalities and Response Assessment Schemes for Clinical and Preclinical Oncology Imaging. <i>Frontiers in Oncology</i> , 2019, 9, 471.	1.3	6
1614	Accurate detection of renal leukemic involvement in children using 3D computed tomography modeling. <i>Pediatrics International</i> , 2019, 61, 679-687.	0.2	3
1615	Pediatric electric bicycle injuries and comparison to other pediatric traffic injuries. <i>Traffic Injury Prevention</i> , 2019, 20, 540-543.	0.6	11
1616	Etiological and Epidemiological Aspects. , 2019, , 91-109.		0
1617	Assessment of the advantage of the serum S100B protein biomonitoring in the management of paediatric mild traumatic brain injury—PROS100B: protocol of a multicentre unblinded stepped wedge cluster randomised trial. <i>BMJ Open</i> , 2019, 9, e027365.	0.8	11
1618	Sinogram restoration for low-dose X-ray computed tomography using regularized Perona—Malik equation with intuitionistic fuzzy entropy. <i>Signal, Image and Video Processing</i> , 2019, 13, 1511-1519.	1.7	5
1619	The clinical management of invasive mold infection in children with cancer or undergoing hematopoietic stem cell transplantation. <i>Expert Review of Anti-Infective Therapy</i> , 2019, 17, 489-499.	2.0	10
1620	Does Microscopic Hematuria After Pediatric Blunt Trauma Indicate Clinically Significant Injury?. <i>Journal of Surgical Research</i> , 2019, 241, 317-322.	0.8	4
1621	Modeling the Incidence of Secondary Malignancy Related to Ionizing Radiation Use in the Management of Nephrolithiasis. <i>Urology</i> , 2019, 130, 48-53.	0.5	4
1622	Assessment of patient dose and noise level of clinical CT images: automated measurements. <i>Journal of Radiological Protection</i> , 2019, 39, 783-793.	0.6	20
1623	High Ascending Retrocecal Appendicitis in a Pediatric Patient Detected by Point-of-care Ultrasound. <i>Clinical Practice and Cases in Emergency Medicine</i> , 2019, 3, 149-152.	0.1	2
1624	Retrospective review of CT brain image quality, diagnostic adequacy and radiation dose in a paediatric population imaged at a non-paediatric tertiary hospital. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2019, 63, 596-601.	0.9	1
1625	Computed tomography use patterns for pediatric patients with peritonsillar abscess. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2019, 123, 22-25.	0.4	7
1626	Toward Automated 3D Spine Reconstruction from Biplanar Radiographs Using CNN for Statistical Spine Model Fitting. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 2796-2806.	5.4	43
1627	Clinical clearance of the thoracic and lumbar spine: a pilot study. <i>ANZ Journal of Surgery</i> , 2019, 89, 718-722.	0.3	0
1628	Radiation-Induced DNA Damage Cooperates with Heterozygosity of TP53 and PTEN to Generate High-Grade Gliomas. <i>Cancer Research</i> , 2019, 79, 3749-3761.	0.4	23

#	ARTICLE	IF	CITATIONS
1629	Anatomy and management of upper moiety vascular variation in children with duplex kidney. <i>Journal of Pediatric Surgery</i> , 2019, 54, 2130-2133.	0.8	5
1630	Studies of radiation health effects inform EPA actions. <i>Journal of Radiological Protection</i> , 2019, 39, S40-S57.	0.6	2
1631	Epidemiological trends, relative survival, and prognosis risk factors of WHO Grade III gliomas: A population-based study. <i>Cancer Medicine</i> , 2019, 8, 3286-3295.	1.3	7
1632	Patient dose evaluation in computed tomography: A French national study based on clinical indications. <i>Physica Medica</i> , 2019, 61, 18-27.	0.4	23
1633	LOCAL DRLS FOR PAEDIATRIC CT EXAMINATIONS BASED ON SIZE-SPECIFIC DOSE ESTIMATES IN KERMANSHAH, IRAN. <i>Radiation Protection Dosimetry</i> , 2019, 186, 496-506.	0.4	17
1634	Trends in radiation dose and image quality for pediatric patients with a multidetector CT and a third-generation dual-source dual-energy CT. <i>Radiologia Medica</i> , 2019, 124, 745-752.	4.7	37
1635	DOSE BENCHMARKS FOR PAEDIATRIC HEAD COMPUTED TOMOGRAPHY EXAMINATION IN NIGERIA. <i>Radiation Protection Dosimetry</i> , 2019, 185, 464-471.	0.4	3
1636	Ultrasonography Can Replace CT Scans as the Initial Imaging Examination of Ureteral Calculi. <i>Urologia Internationalis</i> , 2019, 103, 68-73.	0.6	1
1637	The Risk of Developing Secondary Central Nervous System Tumors After Diagnostic Irradiation From Computed Tomography in Pediatrics: A Literature Review. <i>Pediatric Neurology</i> , 2019, 98, 18-24.	1.0	4
1638	Error traps and culture of safety in pediatric trauma. <i>Seminars in Pediatric Surgery</i> , 2019, 28, 183-188.	0.5	7
1639	Digital Workflow of Auricular Rehabilitation: A Technical Report Using an Intraoral Scanner. <i>Journal of Prosthodontics</i> , 2019, 28, 596-600.	1.7	26
1640	Radiation Mitigation Techniques in Kidney Stone Management. <i>Urologic Clinics of North America</i> , 2019, 46, 265-272.	0.8	1
1641	Radiation exposure of image-guided intrathecal administration of nusinersen to adult patients with spinal muscular atrophy. <i>Neuroradiology</i> , 2019, 61, 565-574.	1.1	25
1642	Developmental and hemocytological effects of ingesting Fukushima's radiocesium on the cabbage white butterfly <i>Pieris rapae</i> . <i>Scientific Reports</i> , 2019, 9, 2625.	1.6	14
1643	Ionising radiation and childhood leukaemia revisited. <i>Medicine, Conflict and Survival</i> , 2019, 35, 144-170.	0.3	1
1644	Evaluating the Cumulative Impact of Ionizing Radiation Exposure With Diagnostic Genetics. <i>Annals of Laboratory Medicine</i> , 2019, 39, 417-418.	1.2	1
1645	Prediction of cervical spine injury in young pediatric patients: an optimal trees artificial intelligence approach. <i>Journal of Pediatric Surgery</i> , 2019, 54, 2353-2357.	0.8	10
1646	Imaging in Paediatric Oncology: Pitfalls, Acceptable and Unacceptable Imaging. <i>Pediatric Oncology</i> , 2019, , 9-28.	0.5	0

#	ARTICLE	IF	CITATIONS
1647	Frequency of Cervical Spine Injuries in Pediatric Craniomaxillofacial Trauma. <i>Journal of Oral and Maxillofacial Surgery</i> , 2019, 77, 1423-1432.	0.5	7
1648	Parents of healthy children assign lower quality of life measure to scenarios labeled as cancer than to identical scenarios not labeled as cancer. <i>BMC Psychology</i> , 2019, 7, 8.	0.9	1
1649	Bildverarbeitung für die Medizin 2019. <i>Informatik Aktuell</i> , 2019, , .	0.4	3
1650	Imaging of Temporal Bone. <i>Advances in Oto-Rhino-Laryngology</i> , 2019, 82, 12-31.	1.6	15
1651	Cytogenetic effects of radiation and genetic polymorphisms of the XRCC1 and XRCC3 repair genes in industrial radiographers. <i>Radiation and Environmental Biophysics</i> , 2019, 58, 247-255.	0.6	6
1652	Deep iterative reconstruction estimation (DIRE): approximate iterative reconstruction estimation for low dose CT imaging. <i>Physics in Medicine and Biology</i> , 2019, 64, 135007.	1.6	33
1653	Organ and effective doses detriment to paediatric patients undergoing multiple interventional cardiology procedures. <i>Physica Medica</i> , 2019, 60, 182-187.	0.4	3
1654	Re: "Radiation Exposure From Pediatric CT Scans and Subsequent Cancer Risk in the Netherlands", <i>Journal of the National Cancer Institute</i> , 2019, 111, 1000-1001.	3.0	0
1655	Reforming the debate around radiation risk. <i>Journal of Radiological Protection</i> , 2019, 39, 635-640.	0.6	5
1656	Pediatric CT radiation exposure: where we were, and where we are now. <i>Pediatric Radiology</i> , 2019, 49, 469-478.	1.1	73
1657	Radiation exposure in adult and pediatric patients with osteogenesis imperfecta. <i>Journal of Orthopaedics</i> , 2019, 16, 320-324.	0.6	6
1658	Non-Contact Monitoring of Temporal Volume Changes of a Hematoma in the Head by a Single Inductive Coil: A Numerical Study. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 1328-1336.	2.5	20
1659	Correlation between radiographic parameters for the prediction of palatally impacted maxillary canines. <i>Journal of Orthodontics</i> , 2019, 46, 6-13.	0.4	11
1660	Assessment of the Clinical Benefit of Imaging in Children With Unilateral Sensorineural Hearing Loss. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2019, 145, 431.	1.2	11
1661	CT scans to exclude spine fractures in children after negative radiographs may lead to increase in future cancer risk. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2019, 29, 983-988.	0.6	10
1662	Basics of Brain Tumor Biology for Clinicians. , 2019, , 7-19.		0
1663	Agreement between magnetic resonance imaging and computed tomography in the postnatal evaluation of congenital lung malformations: a pilot study. <i>European Radiology</i> , 2019, 29, 4544-4554.	2.3	23
1664	Clinical Guidelines on Chronic Rhinosinusitis in Children. <i>Current Allergy and Asthma Reports</i> , 2019, 19, 14.	2.4	31

#	ARTICLE	IF	CITATIONS
1665	Global, regional, and national burden of brain and other CNS cancer, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology</i> , The, 2019, 18, 376-393.	4.9	359
1666	The Great CT Debate. , 2019, , 595-628.		0
1667	Intraoperative Computed Tomography Versus Fluoroscopy for Ventriculoperitoneal Shunt Placement. <i>World Neurosurgery</i> , 2019, 124, e609-e615.	0.7	1
1668	Cumulative radiation dose after lung transplantation in patients with cystic fibrosis. <i>Diagnostic and Interventional Imaging</i> , 2019, 100, 287-294.	1.8	13
1669	Sokrat II – An International, Prospective, Multicenter, Phase IV Diagnostic Trial to Evaluate the Efficacy of the Wrist SAFE Algorithm in Fracture Sonography of Distal Forearm Fractures in Children. <i>Ultraschall in Der Medizin</i> , 2019, 40, 349-358.	0.8	13
1670	Measurement of S100B protein: evaluation of a new prototype on a bioMérieux Vidas ³ analyzer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1177-1184.	1.4	7
1671	Coronary CT angiography radiation dose trends: A 10-year analysis to develop institutional diagnostic reference levels. <i>European Journal of Radiology</i> , 2019, 113, 140-147.	1.2	10
1672	Understanding, justifying, and optimizing radiation exposure for CT imaging in nephrourology. <i>Nature Reviews Urology</i> , 2019, 16, 231-244.	1.9	28
1673	Exploring a potential mechanistic role of DNA methylation in the relationship between in utero and postnatal environmental exposures and risk of childhood acute lymphoblastic leukaemia. <i>International Journal of Cancer</i> , 2019, 145, 2933-2943.	2.3	13
1674	Automated 3-Dimensional Magnetic Resonance Imaging Allows for Accurate Evaluation of Glenoid Bone Loss Compared With 3-Dimensional Computed Tomography. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 734-740.	1.3	36
1675	Sail sign in neonatal pneumomediastinum: a case report. <i>BMC Pediatrics</i> , 2019, 19, 38.	0.7	2
1676	Another Useful Application of Point-of-Care Ultrasound. <i>Pediatric Emergency Care</i> , 2019, 35, 154-156.	0.5	9
1678	Biomarkers of Exposure and Responses to Ionizing Radiation. , 2019, , 757-786.		3
1679	Radiological images and machine learning: Trends, perspectives, and prospects. <i>Computers in Biology and Medicine</i> , 2019, 108, 354-370.	3.9	109
1681	Follow-Up Computed Tomography Requirement of Pediatric Head Trauma Patients with Abnormal Imaging Findings. <i>World Neurosurgery</i> , 2019, 124, e764-e768.	0.7	1
1682	Ionizing radiations epidemiology does not support the LNT model. <i>Chemico-Biological Interactions</i> , 2019, 301, 128-140.	1.7	21
1683	The Role of Preoperative Computed Tomography in Nonsyndromic Craniosynostosis. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 424-428.	0.3	4
1684	Appropriate use of CT for patients presenting with suspected renal colic: a quality improvement study. <i>BMJ Open Quality</i> , 2019, 8, e000470.	0.4	9

#	ARTICLE	IF	CITATIONS
1685	Cumulative exposure to ionising radiation from diagnostic imaging tests: a 12-year follow-up population-based analysis in Spain. <i>BMJ Open</i> , 2019, 9, e030905.	0.8	15
1686	Fundamentals of Medical Radiation Safety: Focus on Reducing Short-Term and Long-Term Harmful Exposures. , 0, , .		5
1687	A Mediastinal Mistake. <i>Hospital Pediatrics</i> , 2019, 9, 919-921.	0.6	0
1688	Low-dose ionizing radiation and cancer risk: not so easy to tell. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 2023-2026.	1.1	11
1689	The Case for a Portable Open-Source 3D Ultrasound: Issues, Benefits, and Challenges. , 2019, , .		0
1690	The Role of Computed Tomography and Magnetic Resonance Imaging in the Diagnosis of Pediatric Thoracolumbar Compression Fractures. <i>Journal of Pediatric Orthopaedics</i> , 2019, 39, e520-e523.	0.6	13
1691	Integrated Safety and Risk Assessment for Medical Devices and Combination Products. , 2019, , .		1
1692	Dose Reduction While Preserving Diagnostic Quality in Head CT: Advancing the Application of Iterative Reconstruction Using a Live Animal Model. <i>American Journal of Neuroradiology</i> , 2019, 40, 1864-1870.	1.2	1
1693	Cancer Risk in Congenital Heart Disease—What Is the Evidence?. <i>Canadian Journal of Cardiology</i> , 2019, 35, 1750-1761.	0.8	21
1695	Novel biomarkers may aid the decision for CT scan in emergency settings in mild head trauma. <i>Biomarkers in Medicine</i> , 2019, 13, 1055-1057.	0.6	4
1696	A Critical Assessment of the Linear No-Threshold Hypothesis. <i>Clinical Nuclear Medicine</i> , 2019, 44, 521-525.	0.7	23
1697	Trends in Emergent Head Computed Tomography Utilization for Minor Head Trauma After Implementation of a Clinical Pathway. <i>Pediatric Emergency Care</i> , 2019, Publish Ahead of Print, 437-441.	0.5	5
1698	A Critical Assessment of the Linear No-Threshold Hypothesis. <i>Clinical Nuclear Medicine</i> , 2019, 44, 519-520.	0.7	0
1699	Big problems in little patients: Nationwide blunt cerebrovascular injury outcomes in the pediatric population. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 87, 1088-1095.	1.1	8
1700	Analysis of blunt cerebrovascular injury in pediatric trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 87, 1354-1359.	1.1	11
1701	A national intervention to reduce imaging for low back pain by general practitioners: a retrospective economic program evaluation using Medicare Benefits Schedule data. <i>BMC Health Services Research</i> , 2019, 19, 983.	0.9	22
1702	Reducing the Cranial CT Rate for Pediatric Minor Head Trauma at Three Community Hospitals. <i>Pediatric Quality & Safety</i> , 2019, 4, e147.	0.4	5
1703	The authors reply. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 799-800.	0.2	0

#	ARTICLE	IF	CITATIONS
1704	Clinical Implication of Dosimetry of Computed Tomography- and Fluoroscopy-Guided Intrathecal Therapy With Nusinersen in Adult Patients With Spinal Muscular Atrophy. <i>Frontiers in Neurology</i> , 2019, 10, 1166.	1.1	29
1705	Microhematuria as an Indicator of Significant Abdominal Injury. <i>Pediatric Emergency Care</i> , 2021, 37, e1020-e1025.	0.5	1
1706	Fast Brain Magnetic Resonance Imaging With Half-Fourier Acquisition With Single-Shot Turbo Spin Echo Sequence in Detection of Intracranial Hemorrhage and Skull Fracture in General Pediatric Patients. <i>Pediatric Emergency Care</i> , 2021, 37, e1168-e1172.	0.5	4
1707	Whole-Body CT for Children After Trauma. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 799.	0.2	2
1708	Is Whole-Body CT Associated With Reduced In-Hospital Mortality in Children With Trauma? A Nationwide Study*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, e245-e250.	0.2	18
1709	Evaluation of the Pediatric Trauma Patient. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 579-580.	0.2	0
1710	Ultrashort Time-to-Echo Magnetic Resonance Imaging at 3 T for the Detection of Spondylolysis in Cadaveric Spines. <i>Investigative Radiology</i> , 2019, 54, 32-38.	3.5	24
1711	Combined Treatment with Low-Dose Ionizing Radiation and Ketamine Induces Adverse Changes in CA1 Neuronal Structure in Male Murine Hippocampi. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6103.	1.8	7
1712	Compare and contrast: pediatric cancer versus adult malignancies. <i>Cancer and Metastasis Reviews</i> , 2019, 38, 673-682.	2.7	52
1713	RADIATION DOSE DETERMINATION IN ABDOMINAL CT EXAMINATIONS OF CHILDREN AT SUDANESE HOSPITALS USING SIZE-SPECIFIC DOSE ESTIMATES. <i>Radiation Protection Dosimetry</i> , 2019, 183, 444-449.	0.4	10
1714	Structural and Functional Pulmonary Magnetic Resonance Imaging in Pediatrics—From the Neonate to the Young Adult. <i>Academic Radiology</i> , 2019, 26, 424-430.	1.3	13
1715	Improved Dose Estimates for Fluoroscopically Guided Lumbar Epidural Injections. <i>Pain Medicine</i> , 2019, 20, 971-978.	0.9	0
1716	COMPARISON OF ORGAN-BASED TUBE CURRENT MODULATION AND BISMUTH SHIELDING IN CHEST CT: EFFECT ON THE IMAGE QUALITY AND THE PATIENT DOSE. <i>Radiation Protection Dosimetry</i> , 2019, 185, 42-48.	0.4	6
1717	The effectiveness of bismuth breast shielding with protocol optimization in CT Thorax examination. <i>Journal of X-Ray Science and Technology</i> , 2019, 27, 139-147.	0.7	9
1718	Estimating a size-specific dose for helical head CT examinations using Monte Carlo simulation methods. <i>Medical Physics</i> , 2019, 46, 902-912.	1.6	10
1719	18F-FDG PET/CT scanning: Biological effects on patients: Entrance surface dose, DNA damage, and chromosome aberrations in lymphocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 838, 59-66.	0.9	14
1720	Risk of Radiation-Induced Cancer From Computed Tomography Angiography Use in Imaging Surveillance for Unruptured Cerebral Aneurysms. <i>Stroke</i> , 2019, 50, 76-82.	1.0	13
1721	A population-based cohort study examining the risk of abdominal cancer after endovascular abdominal aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , 2019, 69, 1776-1785.e2.	0.6	34

#	ARTICLE	IF	CITATIONS
1722	Uses of Effective Dose: The Good, the Bad, and the Future. <i>Health Physics</i> , 2019, 116, 129-134.	0.3	6
1723	Recent Epidemiologic Studies and the Linear No-Threshold Model For Radiation Protection—Considerations Regarding NCRP Commentary 27. <i>Health Physics</i> , 2019, 116, 235-246.	0.3	44
1724	International variation in radiation dose for computed tomography examinations: prospective cohort study. <i>BMJ: British Medical Journal</i> , 2019, 364, k4931.	2.4	98
1725	Necessity of Intracranial Imaging in Infants and Children With Macrocephaly. <i>Pediatric Neurology</i> , 2019, 93, 21-26.	1.0	12
1726	The Value of Computed Tomography Imaging of the Head After Ventriculoperitoneal Shunt Surgery in Adults. <i>World Neurosurgery</i> , 2019, 121, e159-e164.	0.7	6
1727	Reduction of Computed Tomography Use for Pediatric Closed Head Injury Evaluation at a Nonpediatric Community Emergency Department. <i>Academic Emergency Medicine</i> , 2019, 26, 784-795.	0.8	23
1728	Use of MRI to determine cochlear duct length in patients undergoing cochlear implantation. <i>Cochlear Implants International</i> , 2019, 20, 57-61.	0.5	14
1729	Intrathecal administration of nusinersen in adolescent and adult SMA type 2 and 3 patients. <i>Journal of Neurology</i> , 2019, 266, 183-194.	1.8	91
1730	A SIMPLIFIED METHOD FOR THE WATER-EQUIVALENT DIAMETER CALCULATION TO ESTIMATE PATIENT DOSE IN CT EXAMINATIONS. <i>Radiation Protection Dosimetry</i> , 2019, 185, 34-41.	0.4	6
1731	Carotid Dissection and Cerebral Infarction From Posterior Oropharyngeal Trauma. <i>Pediatric Emergency Care</i> , 2019, 35, e17-e21.	0.5	9
1732	Assessment of circulating tumor DNA in pediatric solid tumors: The promise of liquid biopsies. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27595.	0.8	42
1733	Utility of applying white blood cell cutoffs to non-diagnostic MRI and ultrasound studies for suspected pediatric appendicitis. <i>American Journal of Emergency Medicine</i> , 2019, 37, 1723-1728.	0.7	2
1734	Cervical seatbelt sign is not associated with blunt cerebrovascular injury in children: A review of the national trauma databank. <i>American Journal of Surgery</i> , 2019, 218, 100-105.	0.9	16
1735	Free-breathing unседated MRI in children: Justification and techniques. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 365-376.	1.9	17
1736	Is CT or MRI the optimal imaging investigation for the diagnosis of large vestibular aqueduct syndrome and large endolymphatic sac anomaly?. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019, 276, 693-702.	0.8	22
1737	Ventilation and perfusion assessed by functional MRI in children with CF: reproducibility in comparison to lung function. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 543-550.	0.3	32
1738	ORGAN DOSE ESTIMATION ACCOUNTING FOR UNCERTAINTY FOR PEDIATRIC AND YOUNG ADULT CT SCANS IN THE UNITED KINGDOM. <i>Radiation Protection Dosimetry</i> , 2019, 184, 44-53.	0.4	9
1739	Cohort Profile: the EPI-CT study: a European pooled epidemiological study to quantify the risk of radiation-induced cancer from paediatric CT. <i>International Journal of Epidemiology</i> , 2019, 48, 379-381g.	0.9	49

#	ARTICLE	IF	CITATIONS
1740	Imaging of Pediatric Hearing Loss. <i>Neuroimaging Clinics of North America</i> , 2019, 29, 103-115.	0.5	15
1741	ABDOMENâ€“PELVIS COMPUTED TOMOGRAPHY PROTOCOL OPTIMIZATION: AN IMAGE QUALITY AND DOSE ASSESSMENT. <i>Radiation Protection Dosimetry</i> , 2019, 184, 66-72.	0.4	2
1742	Diagnostic reference levels and achievable doses for common computed tomography examinations: Results from the Japanese nationwide dose survey. <i>British Journal of Radiology</i> , 2019, 92, 20180290.	1.0	43
1743	The risk of cancer attributable to diagnostic medical radiation: Estimation for France in 2015. <i>International Journal of Cancer</i> , 2019, 144, 2954-2963.	2.3	27
1744	Radon survey in the kindergartens of three Visegrad countries (Hungary, Poland and Slovakia). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 319, 1045-1050.	0.7	6
1745	Reconstruction and positional accuracy of 3D ultrasound on vertebral phantoms for adolescent idiopathic scoliosis spinal surgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 427-439.	1.7	6
1746	Electrode placement accuracy in robot-assisted epilepsy surgery: A comparison of different referencing techniques including frame-based CT versus facial laser scan based on CT or MRI. <i>Epilepsy and Behavior</i> , 2019, 91, 38-47.	0.9	34
1747	Utilization of emergency department computed tomography and otolaryngology consultation in the diagnosis of pediatric peritonsillar abscess. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2019, 117, 189-193.	0.4	11
1748	Cumulative Radiation Exposures from CT Screening and Surveillance Strategies for von Hippel-Lindauâ€“associated Solid Pancreatic Tumors. <i>Radiology</i> , 2019, 290, 116-124.	3.6	7
1749	Impact of the Pediatric Emergency Care Applied Research Network (PECARN) guidelines on emergency department use of head computed tomography at a level I safety-net trauma center. <i>Emergency Radiology</i> , 2019, 26, 45-52.	1.0	14
1750	Sedative and Anesthetic Neurotoxicity in Infants and Young Children: Not Just an Operating Room Concern. <i>Journal of Pediatrics</i> , 2019, 204, 285-290.	0.9	30
1751	Comparison of PECARN, CATCH, and CHALICE clinical decision rules for pediatric head injury in the emergency department. <i>Canadian Journal of Emergency Medicine</i> , 2019, 21, 120-124.	0.5	13
1752	Association of Delay in Appendectomy With Perforation in Children With Appendicitis. <i>Pediatric Emergency Care</i> , 2019, 35, 45-49.	0.5	25
1753	Computed Tomography Use Plateaus Among Children With Emergency Visits for Abdominal Pain. <i>Pediatric Emergency Care</i> , 2019, 35, 194-198.	0.5	6
1754	Extracellular vesicles mediate low dose ionizing radiation-induced immune and inflammatory responses in the blood. <i>International Journal of Radiation Biology</i> , 2019, 95, 12-22.	1.0	37
1755	Ultra-low-dose chest computed tomography without anesthesia in the assessment of pediatric pulmonary diseases. <i>Jornal De Pediatria</i> , 2020, 96, 92-99.	0.9	7
1756	Educational review: role of the pediatric nephrologists in the work-up and management of kidney stones. <i>Pediatric Nephrology</i> , 2020, 35, 383-397.	0.9	21
1757	Head CT overuse in children with a mild traumatic brain injury within two Canadian emergency departments. <i>Paediatrics and Child Health</i> , 2020, 25, 26-32.	0.3	3

#	ARTICLE	IF	CITATIONS
1758	Effect of CT Localizer Radiographs on Radiation Dose Associated With Automatic Tube Current Modulation: A Multivendor Study. <i>Current Problems in Diagnostic Radiology</i> , 2020, 49, 34-41.	0.6	14
1759	Can We Reduce Frame Rate to 15 Images per Second in Pediatric Videofluoroscopic Swallow Studies?. <i>Dysphagia</i> , 2020, 35, 296-300.	1.0	17
1760	Prevalence of serious injuries in low risk trauma patients. <i>American Journal of Emergency Medicine</i> , 2020, 38, 1572-1575.	0.7	1
1761	Cumulative organ dose and effective dose in adult population underwent repeated or multiple head CT examination. <i>Radiation Physics and Chemistry</i> , 2020, 166, 108465.	1.4	6
1762	Multicentre survey on patient dose in paediatric imaging and proposal for updated diagnostic reference levels for France. Part 2: plain radiography and diagnostic fluoroscopy. <i>European Radiology</i> , 2020, 30, 1182-1190.	2.3	8
1763	Clinical and epidemiological observations on individual radiation sensitivity and susceptibility. <i>International Journal of Radiation Biology</i> , 2020, 96, 324-339.	1.0	35
1764	Imaging features of adrenal gland masses in the pediatric population. <i>Abdominal Radiology</i> , 2020, 45, 964-981.	1.0	20
1765	Patient Safety Analysis in Radiation Burden of Head Computed Tomography Imaging in 1185 Neurosurgical Inpatients. <i>World Neurosurgery</i> , 2020, 133, e308-e319.	0.7	1
1767	Validation of the PECARN head trauma prediction rules in Japan: A multicenter prospective study. <i>American Journal of Emergency Medicine</i> , 2020, 38, 1599-1603.	0.7	6
1768	Ecological association between residential natural background radiation exposure and the incidence rate of childhood central nervous system tumors in France, 2000-2012. <i>Journal of Environmental Radioactivity</i> , 2020, 211, 106071.	0.9	9
1769	Utility of Rapid Sequence Magnetic Resonance Imaging in Guiding Management of Patients With Neonatal Seizures. <i>Pediatric Neurology</i> , 2020, 103, 57-60.	1.0	1
1770	Predictors of clinically urgent intracranial pathology at neuroimaging in children with complex febrile seizures : a retrospective cross-sectional study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 349-360.	0.7	2
1771	3D printing with MRI in pediatric applications. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1641-1658.	1.9	23
1772	Clinical clearance and imaging for possible cervical spine injury in children in the emergency department: A retrospective cohort study. <i>EMA - Emergency Medicine Australasia</i> , 2020, 32, 93-99.	0.5	2
1773	Multicentre survey on patient dose in paediatric imaging and proposal for updated diagnostic reference levels for France. Part 1: computed tomography. <i>European Radiology</i> , 2020, 30, 1156-1165.	2.3	25
1774	CT scan exposure in children with ventriculo-peritoneal shunts: Single centre experience and review of the literature. <i>Child's Nervous System</i> , 2020, 36, 591-599.	0.6	10
1775	Dose limits for occupational exposure to ionising radiation and genotoxic carcinogens: a German perspective. <i>Radiation and Environmental Biophysics</i> , 2020, 59, 9-27.	0.6	6
1776	Targeted head CT reduction for pediatric patients with hydrocephalus and traumatic brain injury: academic center institutional experience as an example of opportunities for further improvement. <i>Child's Nervous System</i> , 2020, 36, 583-589.	0.6	3

#	ARTICLE	IF	CITATIONS
1777	Low-Dose Radiation Effects on Animals and Ecosystems. , 2020, , .		7
1778	Iterative motionâ€ compensation reconstruction ultraâ€short TE (iMoCo UTE) for highâ€resolution freeâ€breathing pulmonary MRI. Magnetic Resonance in Medicine, 2020, 83, 1208-1221.	1.9	52
1779	High CT doses return to the agenda. Radiation and Environmental Biophysics, 2020, 59, 3-7.	0.6	14
1780	ACC/AHA/ASE/HRS/ISACHD/SCAI/SCCT/SCMR/SOPE 2020 Appropriate Use Criteria for Multimodality Imaging During the Follow-Up Care of Patients With Congenital Heart Disease. Journal of the American College of Cardiology, 2020, 75, 657-703.	1.2	93
1781	Diagnostic Ultrasound Safety Review for Pointâ€ofâ€Care Ultrasound Practitioners. Journal of Ultrasound in Medicine, 2020, 39, 1069-1084.	0.8	33
1782	Inferior vena cava syndrome in neonates: An evidenceâ€based systematic review of the literature. Pediatric Blood and Cancer, 2020, 67, e28114.	0.8	3
1783	Electrochemical cytosensors for detection of breast cancer cells. Biosensors and Bioelectronics, 2020, 151, 111984.	5.3	69
1784	Ultrashort Echo-Time MRI for the Assessment of Tracheomalacia in Neonates. Chest, 2020, 157, 595-602.	0.4	39
1785	DEVELOPMENT OF A JAPANESE INFANT HEADâ€CHEST PHANTOM AND INVESTIGATION OF THE CURRENT STATUS OF INFANT HEAD CT EXAMINATIONS IN JAPAN. Radiation Protection Dosimetry, 2020, 188, 65-72.	0.4	0
1786	ESTIMATION OF RADIATION DOSE IN CT VENOGRAPHY OF THE LOWER EXTREMITIES: PHANTOM EXPERIMENTS USING DIFFERENT AUTOMATIC EXPOSURE CONTROL SETTINGS AND SCAN RANGES. Radiation Protection Dosimetry, 2020, 188, 109-116.	0.4	3
1787	Epidemiology and Etiology of Leukemia and Lymphoma. Cold Spring Harbor Perspectives in Medicine, 2020, 10, a034819.	2.9	85
1788	Parental tobacco smoking and risk of childhood leukemia in Costa Rica: A population-based case-control study. Environmental Research, 2020, 180, 108827.	3.7	14
1789	Exposure to Tomographic Scans and Cancer Risks. JNCI Cancer Spectrum, 2020, 4, pkz072.	1.4	61
1790	Comparison of Black Bone MRI and 3D-CT in the preoperative evaluation of patients with craniosynostosis. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2020, 73, 723-731.	0.5	24
1791	On-site CAD templates reduce surgery time for complex craniostenosis repair in infants: a new method. Child's Nervous System, 2020, 36, 793-801.	0.6	11
1792	Patients undergoing recurrent CT scans: assessing the magnitude. European Radiology, 2020, 30, 1828-1836.	2.3	105
1793	Association between breath methane concentration and visceral fat area: a population-based cross-sectional study. Journal of Breath Research, 2020, 14, 026008.	1.5	6
1794	Utility of Thoracolumbar Low-Dose CT With Model-Based Iterative Reconstruction for Measuring Pedicle Diameter Using a Radiation Dose Less Than a One-Time Lumbar X-Ray. Spine, 2020, 45, 38-47.	1.0	4

#	ARTICLE	IF	CITATIONS
1795	Standing CT of the equine head: Reducing radiation dose maintains image quality. <i>Veterinary Radiology and Ultrasound</i> , 2020, 61, 137-146.	0.4	6
1796	Ionizing Radiation Exposure in NICU. <i>Indian Journal of Pediatrics</i> , 2020, 87, 158-160.	0.3	12
1797	The Radiation Safety Officer as an Advocate for Patient Safety. <i>Health Physics</i> , 2020, 118, 75-78.	0.3	1
1798	European trends in radiology: investigating factors affecting the number of examinations and the effective dose. <i>Radiologia Medica</i> , 2020, 125, 296-305.	4.7	30
1799	Pediatric minor head injury imaging practices: results from an ESPR survey. <i>Neuroradiology</i> , 2020, 62, 251-255.	1.1	9
1800	THE ASSOCIATION BETWEEN MOBILE PHONES AND THE RISK OF BRAIN CANCER MORTALITY: A 25â€¢YEAR CROSSâ€¢COUNTRY ANALYSIS. <i>Contemporary Economic Policy</i> , 2020, 38, 258-269.	0.8	3
1801	Total pancreatectomy with islet autotransplantation in children. , 2020, , 117-126.		1
1802	Is surveillance imaging in pediatric patients treated for localized rhabdomyosarcoma useful? The European experience. <i>Cancer</i> , 2020, 126, 823-831.	2.0	21
1803	Epidemiological studies of natural sources of radiation and childhood cancer: current challenges and future perspectives. <i>Journal of Radiological Protection</i> , 2020, 40, R1-R23.	0.6	14
1804	Imaging and admission practices in paediatric head injury across emergency departments in Australia and New Zealand: A PREDICT study. <i>EMA - Emergency Medicine Australasia</i> , 2020, 32, 240-249.	0.5	6
1805	Muscle and bone dose in paediatric limb digital radiography: a Monte Carlo evaluation. <i>Physical and Engineering Sciences in Medicine</i> , 2020, 43, 79-92.	1.3	0
1806	Utilization of contrast-enhanced ultrasound in the evaluation of craniofacial osseous lesions: A case report. <i>Clinical Imaging</i> , 2020, 60, 5-9.	0.8	2
1807	Evaluation of Open Reduction and Internal Fixation of Mandibular Condyle Fracture by Intraoperative Cone-Beam Computed Tomography in a Hybrid Operating Room. <i>Journal of Craniofacial Surgery</i> , 2020, 31, 762-765.	0.3	8
1808	Neonatal head injuries: A prospective Paediatric Research in Emergency Departments International Collaborative cohort study. <i>Journal of Paediatrics and Child Health</i> , 2020, 56, 764-769.	0.4	6
1809	Influence of the Fukushima Daiichi Nuclear Power Plant Accident on the Use of Computed Tomography in Children With Mild Head Injuries. <i>Journal of Epidemiology</i> , 2020, 30, 542-546.	1.1	0
1810	Issues in Interpreting Epidemiologic Studies of Populations Exposed to Low-Dose, High-Energy Photon Radiation. <i>Journal of the National Cancer Institute Monographs</i> , 2020, 2020, 176-187.	0.9	27
1811	X-Ray Hesitancy: Patientsâ€™ Radiophobic Concerns Over Medical X-rays. <i>Dose-Response</i> , 2020, 18, 155932582095954.	0.7	14
1812	High-Resolution Maxillofacial Computed Tomography Is Superior to Head Computed Tomography in Determining the Operative Management of Facial Fractures. <i>Journal of Surgical Research</i> , 2020, 256, 381-389.	0.8	5

#	ARTICLE	IF	CITATIONS
1813	5 Reasons Why Scoliosis X-Rays Are Not Harmful. Dose-Response, 2020, 18, 155932582095779.	0.7	7
1814	Diagnosis of COVID-19: facts and challenges. New Microbes and New Infections, 2020, 38, 100761.	0.8	13
1815	PATIENT-SPECIFIC ORGAN DOSES FROM PEDIATRIC HEAD CT EXAMINATIONS. Radiation Protection Dosimetry, 2020, 191, 1-8.	0.4	3
1816	Contrast-Medium Anisotropy-Aware Tensor Total Variation Model for Robust Cerebral Perfusion CT Reconstruction With Low-Dose Scans. IEEE Transactions on Computational Imaging, 2020, 6, 1375-1388.	2.6	7
1818	Factors Associated With Increased Risk of Pediatric Orbital Cellulitis—Who Should Be Scanned?. Pediatric Emergency Care, 2021, 37, e1473-e1477.	0.5	7
1819	Have changes in computerised tomography guidance positively impacted detection of cervical spine injury in children? A review of the Trauma Audit and Research Network data. Trauma, 2021, 23, 139-144.	0.2	3
1820	Evaluation of Ultra-low-dose Paediatric Cone-beam Computed Tomography for Image-guided Radiotherapy. Clinical Oncology, 2020, 32, 835-844.	0.6	4
1821	Programas de cribado de la hipoacusia congénita en 2020: recomendaciones CODEPEH. Acta Otorrinolaringológica Española, 2021, 72, 312-323.	0.2	5
1822	Strategies for dose reduction with specific clinical indications during computed tomography. Radiography, 2020, 26, S62-S68.	1.1	9
1823	Age-Conditioned Synthesis of Pediatric Computed Tomography with Auxiliary Classifier Generative Adversarial Networks. , 2020, 2020, 109-112.		3
1824	Identification of Abusive Head Trauma in High-Risk Infants: A Cost-Effectiveness Analysis. Journal of Pediatrics, 2020, 227, 176-183.e3.	0.9	4
1825	The risk of a serious etiology in pediatric Horner syndrome: indications for a workup and which investigations to perform. Journal of AAPOS, 2020, 24, 143.e1-143.e6.	0.2	9
1826	Epidemiological Studies of Low-Dose Ionizing Radiation and Cancer: Rationale and Framework for the Monograph and Overview of Eligible Studies. Journal of the National Cancer Institute Monographs, 2020, 2020, 97-113.	0.9	39
1827	Estimates of the number of patients with high cumulative doses through recurrent CT exams in 35 OECD countries. Physica Medica, 2020, 76, 173-176.	0.4	50
1828	Emergency department implementation of abbreviated magnetic resonance imaging for pediatric traumatic brain injury. Journal of the American College of Emergency Physicians Open, 2020, 1, 994-999.	0.4	3
1829	Can QuickBrain MRI replace CT as first-line imaging for select pediatric head trauma?. Journal of the American College of Emergency Physicians Open, 2020, 1, 965-973.	0.4	7
1830	Organ-on-a-chip: the next generation platform for risk assessment of radiobiology. RSC Advances, 2020, 10, 39521-39530.	1.7	23
1831	Validation of PET/MRI attenuation correction methodology in the study of brain tumours. BMC Medical Imaging, 2020, 20, 126.	1.4	4

#	ARTICLE	IF	CITATIONS
1832	Local diagnostic reference levels in pediatric CT examinations: a survey at the largest children's hospital in Greece. <i>British Journal of Radiology</i> , 2020, 93, 20190358.	1.0	12
1833	Cochlear implantation in children without preoperative computed tomography diagnostics. Analysis of procedure and rate of complications. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2020, 138, 110266.	0.4	7
1834	Molecular Fingerprint Imaging to Identify Dental Caries Using Raman Spectroscopy. <i>Materials</i> , 2020, 13, 4900.	1.3	15
1835	Trends in Use of Advanced Imaging in Pediatric Emergency Departments, 2009-2018. <i>JAMA Pediatrics</i> , 2020, 174, e202209.	3.3	30
1836	Interest of blood biomarkers to predict lesions in medical imaging in the context of mild traumatic brain injury. <i>Clinical Biochemistry</i> , 2020, 85, 5-11.	0.8	11
1837	Socioeconomic differences in the risk of childhood central nervous system tumors in Denmark: a nationwide register-based case-control study. <i>Cancer Causes and Control</i> , 2020, 31, 915-929.	0.8	13
1838	Strategies in liver Trauma. <i>Seminars in Pediatric Surgery</i> , 2020, 29, 150949.	0.5	8
1839	Low-dose X-rays leave scars on human hematopoietic stem and progenitor cells: the role of reactive oxygen species. <i>Haematologica</i> , 2020, 105, 1986-1988.	1.7	1
1840	Lung imaging in bronchopulmonary dysplasia: a systematic review. <i>Respiratory Medicine</i> , 2020, 171, 106101.	1.3	12
1841	Pediatricians Awareness of Radiation Protection, Relative Effective Dose and Inherent Risk in Computed Tomography Imaging: UAE Case Study. , 2020, , .		0
1842	Exposure of patients to low doses of X-radiation during neuro-interventional imaging and procedures: Dose estimation and analysis of γ -H2AX foci and gene expression in blood lymphocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2020, 856-857, 503237.	0.9	6
1843	Radiologists' Knowledge and Attitudes towards CT Radiation Dose and Exposure in Saudi Arabia: A Survey Study. <i>Medical Sciences (Basel, Switzerland)</i> , 2020, 8, 27.	1.3	4
1844	Forensic age estimation in living adolescents with CT imaging of the clavicle: impact of low-dose scanning on readers' confidence. <i>European Radiology</i> , 2020, 30, 6645-6652.	2.3	9
1845	Clinical indications for the use of computed tomography in children who underwent frequent computed tomography: a near-13-year follow-up retrospective study at a single institution in Japan. <i>Radiation and Environmental Biophysics</i> , 2020, 59, 407-414.	0.6	1
1846	Feasibility of rapid magnetic resonance imaging (rMRI) for the emergency evaluation of suspected pediatric orbital cellulitis. <i>Journal of AAPOS</i> , 2020, 24, 289.e1-289.e4.	0.2	5
1847	Organ-Specific Effects of Low Dose Radiation Exposure: A Comprehensive Review. <i>Frontiers in Genetics</i> , 2020, 11, 566244.	1.1	28
1848	Radiation dose optimization in diagnostic and interventional radiology: Current issues and future perspectives. <i>Physica Medica</i> , 2020, 79, 16-21.	0.4	28
1849	Neurocranium thickness mapping in early childhood. <i>Scientific Reports</i> , 2020, 10, 16651.	1.6	7

#	ARTICLE	IF	CITATIONS
1850	Common mechanistic pathways in cancer and heart failure. A scientific roadmap on behalf of the <scp>Translational Research Committee</scp> of the <scp>Heart Failure Association</scp> (<scp>HFA</scp>) of the <scp>European Society of Cardiology</scp> (<scp>ESC</scp>). <i>European Journal of Heart Failure</i> , 2020, 22, 2272-2289.	2.9	92
1851	Review, monitor, educate: A quality improvement initiative for sustained chest radiation reduction in pediatric trauma patients. <i>American Journal of Surgery</i> , 2020, 220, 1327-1332.	0.9	3
1852	Application of low dose computed tomography protocols in pediatric radiology. <i>Medicina Fluminensis</i> , 2020, 56, 4-15.	0.1	0
1853	ACC/AHA/ASE/HRS/ISACHD/SCAI/SCCT/SCMR/SOPE 2020 Appropriate Use Criteria for Multimodality Imaging During the Follow-Up Care of Patients With Congenital Heart Disease. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, e1-e48.	1.2	26
1854	COVID-19 in 17 Italian Pediatric Emergency Departments. <i>Pediatrics</i> , 2020, 146, .	1.0	68
1855	Expert consensus on surgical treatment for adolescent idiopathic scoliosis in Japan. <i>Journal of Orthopaedic Science</i> , 2020, 26, 765-773.	0.5	1
1856	S100B Blood Level Determination for Early Management of Ski-Related Mild Traumatic Brain Injury: A Pilot Study. <i>Frontiers in Neurology</i> , 2020, 11, 856.	1.1	17
1857	Abusive Head Trauma in Infants: Incidence and Detection of Prior Brain Injury. <i>Child Abuse Review</i> , 2020, 29, 242-252.	0.4	1
1858	Magnetic resonance imaging evaluation of osteoid osteoma: utility of the dark rim sign. <i>Pediatric Radiology</i> , 2020, 50, 1742-1750.	1.1	6
1859	Cancer and mortality risks of patients with scoliosis from radiation exposure: a systematic review and meta-analysis. <i>European Spine Journal</i> , 2020, 29, 3123-3134.	1.0	30
1860	Assessing mandibular body changes in growing subjects: a comparison of CBCT and reconstructed lateral cephalogram measurements. <i>Scientific Reports</i> , 2020, 10, 11722.	1.6	25
1861	Comparison of time and dose dependent gene expression and affected pathways in primary human fibroblasts after exposure to ionizing radiation. <i>Molecular Medicine</i> , 2020, 26, 85.	1.9	15
1862	Utility of Point-of-Care Lung Ultrasonography for Evaluating Acute Chest Syndrome in Young Patients With Sickle Cell Disease. <i>Annals of Emergency Medicine</i> , 2020, 76, S46-S55.	0.3	4
1863	Low-Value Clinical Practices in Adult Traumatic Brain Injury: An Umbrella Review. <i>Journal of Neurotrauma</i> , 2020, 37, 2605-2615.	1.7	11
1864	Detection and False-Referral Rates of 2-mSv CT Relative to Standard-Dose CT for Appendiceal Perforation: Pragmatic Multicenter Randomized Controlled Trial. <i>American Journal of Roentgenology</i> , 2020, 215, 874-884.	1.0	6
1865	Emergent neuroimaging for seizures in epilepsy: A population study. <i>Epilepsy and Behavior</i> , 2020, 112, 107339.	0.9	1
1866	Comparative accuracy of lower limb bone geometry determined using MRI, CT, and direct bone 3D models. <i>Journal of Orthopaedic Research</i> , 2020, 39, 1870-1876.	1.2	13
1867	Ionizing Radiation Exposure in Pediatric Patients With Intestinal Failure. <i>American Surgeon</i> , 2021, 87, 1062-1065.	0.4	0

#	ARTICLE	IF	CITATIONS
1868	Patientsâ€™ perception of radiation safety of radiological investigations in urology. <i>Journal of Clinical Urology</i> , 2021, 14, 475-480.	0.1	0
1869	PEDIATRIC REGIONAL DRL ASSESSMENT IN COMMON CT EXAMINATIONS FOR MEDICAL EXPOSURE OPTIMIZATION IN TEHRAN, IRAN. <i>Radiation Protection Dosimetry</i> , 2020, 192, 341-349.	0.4	6
1870	Mesenchymal Stem Cells Early Response to Low-Dose Ionizing Radiation. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 584497.	1.8	9
1871	Implementation of a new Single-Pass Whole-Body Computed Tomography Protocol: Is it safe, effective and efficient in patients with severe trauma?. <i>Colombia Medica</i> , 2020, 51, e4224.	0.7	6
1872	DEVELOPMENT OF A SPECIALISED TAPE MEASURE TO ESTIMATE THE SIZE-SPECIFIC DOSE ESTIMATE. <i>Radiation Protection Dosimetry</i> , 2020, 191, 369-375.	0.4	4
1873	The downfall of the linear non-threshold model. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2020, 39, 303-315.	0.1	1
1874	The use of computed tomography versus clinical acumen in diagnosing appendicitis in children: A two-institution international study. <i>Journal of Pediatric Surgery</i> , 2020, 56, 1356-1361.	0.8	10
1875	Potential of Radiation Dose Reduction by Optimizing Z-Axis Coverage in Coronary Computed Tomography Angiography on a Latest-Generation 256-Slice Scanner. <i>Journal of Computer Assisted Tomography</i> , 2020, 44, 289-294.	0.5	1
1876	Modified decision-making rule supported by scheduled telephone follow-up reduces head computed tomography utilization in children with mild traumatic brain injury. <i>Medicine (United States)</i> , 2020, 99, e20088.	0.4	1
1877	Agricultural crop density in the municipalities of France and incidence of childhood leukemia: An ecological study. <i>Environmental Research</i> , 2020, 187, 109517.	3.7	10
1878	Paediatric Head Injury Management. , 2020, , 258-274.		0
1879	Death of the ALARA Radiation Protection Principle as Used in the Medical Sector. <i>Dose-Response</i> , 2020, 18, 155932582092164.	0.7	30
1880	Radiation dose of chaperones during common pediatric computed tomography examinations. <i>Pediatric Radiology</i> , 2020, 50, 1078-1082.	1.1	2
1881	Paediatric computed tomography and subsequent risk of leukaemia, intracranial malignancy and lymphoma: a nationwide population-based cohort study. <i>Scientific Reports</i> , 2020, 10, 7759.	1.6	7
1882	Low-dose CT in COVID-19 outbreak: radiation safety, image wisely, and image gently pledge. <i>Emergency Radiology</i> , 2020, 27, 601-605.	1.0	32
1883	Transcatheter radiofrequency ablation using near-zero fluoroscopy in children with fascicular ventricular tachycardia: a single-centre experience. <i>Cardiology in the Young</i> , 2020, 30, 779-784.	0.4	4
1884	Therapy Response Assessment of Pediatric Tumors with Whole-Body Diffusion-weighted MRI and FDG PET/MRI. <i>Radiology</i> , 2020, 296, 143-151.	3.6	28
1885	Radiation Exposure Associated With Computed Tomography in Childhood and the Subsequent Risk of Cancer: A Meta-Analysis of Cohort Studies. <i>Dose-Response</i> , 2020, 18, 155932582092382.	0.7	25

#	ARTICLE	IF	CITATIONS
1886	Current Advances in Osteosarcoma. <i>Advances in Experimental Medicine and Biology</i> , 2020, , .	0.8	4
1887	Designing a Multi-Stakeholder Collaboration to Reduce Overuse of Neuroimaging for Minor Head Injury and Atraumatic Headache. <i>Clinical Pediatric Emergency Medicine</i> , 2020, 21, 100760.	0.4	0
1888	Pediatric Case of Successful Point-of-Care Ultrasound-Guided Nasogastric Tube Placement. <i>Journal of Emergency Medicine</i> , 2020, 59, e57-e60.	0.3	1
1889	Suspicion of abdominal injuries in high-energy trauma patients: which clinical factors influence decision making for diagnostic imaging?. <i>Acta Chirurgica Belgica</i> , 2020, 120, 223-230.	0.2	0
1891	Factors associated with fat stranding on computed tomography in acute appendicitis. <i>Medicine (United States)</i> , 2020, 99, e20512.	0.4	3
1892	Adverse outcome pathways for ionizing radiation and breast cancer involve direct and indirect DNA damage, oxidative stress, inflammation, genomic instability, and interaction with hormonal regulation of the breast. <i>Archives of Toxicology</i> , 2020, 94, 1511-1549.	1.9	50
1893	CT scans in childhood predict subsequent brain cancer: Finite mixture modelling can help separate reverse causation scans from those that may be causal. <i>Cancer Epidemiology</i> , 2020, 67, 101732.	0.8	6
1894	Reconsider radiation exposure from imaging during immune checkpoint inhibitor trials to reduce risk of secondary cancers in long-term survivors?. <i>Cancer Treatment Reviews</i> , 2020, 87, 102027.	3.4	2
1895	The role of a commercial radiation dose index monitoring system in establishing local dose reference levels for fluoroscopically guided invasive cardiac procedures. <i>Physica Medica</i> , 2020, 74, 11-18.	0.4	4
1896	Acute mastoiditis in children: contemporary opportunities and challenges. <i>Journal of Laryngology and Otology</i> , 2020, 134, 434-439.	0.4	5
1897	Assessing a recent South Korean cohort study of cancer risk following diagnostic radiation exposure at younger ages. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 541-548.	1.1	1
1898	Traumatic epidural hematomas in the pediatric population: clinical characteristics and diagnostic pitfalls. <i>Journal of Pediatric Surgery</i> , 2020, 55, 1773-1778.	0.8	5
1899	Validation of histogramâ€¢based virtual source models for different IGRT kVâ€¢imaging systems. <i>Medical Physics</i> , 2020, 47, 4531-4542.	1.6	2
1900	Image retake rates of cone beam computed tomography in a dental institution. <i>Clinical Oral Investigations</i> , 2020, 24, 4501-4510.	1.4	10
1901	Pathogenic Germline Mutations in DNA Repair Genes in Combination With Cancer Treatment Exposures and Risk of Subsequent Neoplasms Among Long-Term Survivors of Childhood Cancer. <i>Journal of Clinical Oncology</i> , 2020, 38, 2728-2740.	0.8	34
1902	The role of pulmonary CT scans for children during the COVID-19 pandemic. <i>BMC Medicine</i> , 2020, 18, 171.	2.3	4
1903	Adult patient-specific CT organ dose estimations using automated segmentations and Monte Carlo simulations. <i>Biomedical Physics and Engineering Express</i> , 2020, 6, 045016.	0.6	4
1904	Establishment Diagnostic Reference Level for CT-Scan Procedure in Indonesia. <i>Journal of Physics: Conference Series</i> , 2020, 1505, 012037.	0.3	1

#	ARTICLE	IF	CITATIONS
1905	CT Irradiation-induced Changes of Gene Expression within Peripheral Blood Cells. <i>Health Physics</i> , 2020, 119, 44-51.	0.3	9
1906	An Examination of Frequency-Modulated Continuous Wave Radar for Biomedical Imaging. , 2020, , .		2
1907	Magnetic Resonance Imaging Detects Chronic Rhinosinusitis in Infants and Preschool Children with Cystic Fibrosis. <i>Annals of the American Thoracic Society</i> , 2020, 17, 714-723.	1.5	23
1908	External caliper-based measurements of the modified percent depth as an alternative to cross-sectional imaging for assessing the severity of pectus excavatum. <i>Journal of Pediatric Surgery</i> , 2020, 55, 1058-1064.	0.8	3
1909	Ultra-low-dose chest computed tomography without anesthesia in the assessment of pediatric pulmonary diseases. <i>Jornal De Pediatria (Versão Em Português)</i> , 2020, 96, 92-99.	0.2	0
1910	Exposure to Medical Radiation during Fetal Life, Childhood and Adolescence and Risk of Brain Tumor in Young Age: Results from The MOBI-Kids Case-Control Study. <i>Neuroepidemiology</i> , 2020, 54, 343-355.	1.1	6
1911	Low Radiation Doses: Small Risks? No Risks? Or Risks to Only a Few?. <i>Radiology</i> , 2020, 295, 446-447.	3.6	3
1912	Reasons for Undergoing CT During Childhood: Can CT-Exposed and CT-Naive Populations Be Compared?. <i>Dose-Response</i> , 2020, 18, 155932582090701.	0.7	8
1913	Diagnostic options for blunt abdominal trauma. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 3575-3589.	0.8	9
1914	Health effects of nuclear weapons and releases of radioactive materials. , 2020, , 707-743.		6
1915	Advancing Imaging Modalities in Bronchopulmonary Dysplasia and Other Neonatal Chronic Lung Diseases. , 2020, , 71-95.		1
1916	Follow-Up in Bone Sarcoma Care: A Cross-Sectional European Study. <i>Sarcoma</i> , 2020, 2020, 1-6.	0.7	1
1917	High-Resolution MRI for Evaluation of Ventriculostomy Tubes: Assessment of Positioning and Proximal Patency. <i>American Journal of Neuroradiology</i> , 2020, 41, 57-63.	1.2	5
1918	Application of T1-weighted BLADE sequence to abdominal magnetic resonance imaging of young children: a comparison with turbo spin echo sequence. <i>Acta Radiologica</i> , 2020, 61, 1406-1413.	0.5	4
1919	Clinical pediatric positron emission tomography/magnetic resonance program: a guide to successful implementation. <i>Pediatric Radiology</i> , 2020, 50, 607-617.	1.1	0
1920	Adverse events due to unnecessary radiation exposure in medical imaging reported in Finland. <i>Radiography</i> , 2020, 26, e195-e200.	1.1	9
1921	Achieving CT Regulatory Compliance: A Comprehensive and Continuous Quality Improvement Approach. <i>Current Problems in Diagnostic Radiology</i> , 2020, 49, 306-311.	0.6	1
1922	Radiation dose reduction for CT-guided intrathecal nusinersen administration in adult patients with spinal muscular atrophy. <i>Scientific Reports</i> , 2020, 10, 3406.	1.6	7

#	ARTICLE	IF	CITATIONS
1923	Quantification of DNA Double Strand Breaks and Oxidation Response in Children and Adults Undergoing Dental CBCT Scan. <i>Scientific Reports</i> , 2020, 10, 2113.	1.6	14
1924	Radiation Doses to Staff in a Hybrid Operating Room: An Anthropomorphic Phantom Study with Active Electronic Dosimeters. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 59, 654-660.	0.8	15
1925	The Effect of Patient Observation on Cranial Computed Tomography Rates in Children With Minor Head Trauma. <i>Academic Emergency Medicine</i> , 2020, 27, 832-843.	0.8	9
1926	Differing Pulmonary Structural Abnormalities Detected on Pulmonary MR Imaging in Cystic Fibrosis Patients with Varying Pancreatic Function. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2020, 192, 567-575.	0.7	1
1927	Patient organ and effective dose estimation in CT: comparison of four software applications. <i>European Radiology Experimental</i> , 2020, 4, 14.	1.7	20
1928	The role of imaging in the initial investigation of paediatric renal tumours. <i>The Lancet Child and Adolescent Health</i> , 2020, 4, 232-241.	2.7	25
1929	Assessment of out-of-field doses in radiotherapy treatments of paediatric patients using Monte Carlo methods and measurements. <i>Physica Medica</i> , 2020, 71, 53-61.	0.4	8
1930	Impact of active dose management on radiation exposure and image quality in computed tomography: An observational study in 1315 patients. <i>European Journal of Radiology</i> , 2020, 125, 108900.	1.2	2
1931	Accuracy of prenatal and postnatal imaging for management of congenital lung malformations. <i>Journal of Pediatric Surgery</i> , 2020, 55, 844-847.	0.8	15
1932	Interstitial chromosomal deletion of the tuberous sclerosis complex 2 locus is a signature for radiation-associated renal tumors in Eker rats. <i>Cancer Science</i> , 2020, 111, 840-848.	1.7	11
1933	Radiation dose and risk of exposure-induced death associated with common computed tomography procedures in Yazd Province. <i>European Journal of Radiology</i> , 2020, 126, 108932.	1.2	8
1934	Routine Surveillance Imaging Is Associated with Improved Postrelapse Survival in Patients with Ewing Sarcoma. <i>Journal of Adolescent and Young Adult Oncology</i> , 2020, 9, 394-401.	0.7	2
1935	Rapid brain MRI protocols reduce head computerized tomography use in the pediatric emergency department. <i>BMC Pediatrics</i> , 2020, 20, 14.	0.7	25
1936	Radiation risk of central nervous system tumors in the Life Span Study of atomic bomb survivors, 1958-2009. <i>European Journal of Epidemiology</i> , 2020, 35, 591-600.	2.5	43
1937	A new tool for genotoxic risk assessment: Reevaluation of the cytokinesis-block micronucleus assay using semi-automated scoring following telomere and centromere staining. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2020, 850-851, 503143.	0.9	6
1938	Improving dynamic contrast-enhanced MRI of the lung using motion-weighted sparse reconstruction: Initial experiences in patients. <i>Magnetic Resonance Imaging</i> , 2020, 68, 36-44.	1.0	7
1939	Effects of scout radiographic imaging conditions on tube current modulation in chest computed tomography. <i>Journal of Radiological Protection</i> , 2020, 40, 253-269.	0.6	3
1940	Application of point-of-care ultrasound for different types of esophageal foreign bodies: three case reports. <i>Medicine (United States)</i> , 2020, 99, e18893.	0.4	3

#	ARTICLE	IF	CITATIONS
1941	Oral and dental considerations in pediatric cancers. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 43-53.	2.7	24
1942	Positional cranial deformation in children: A plea for the efficacy of the cranial helmet in children. <i>Neurochirurgie</i> , 2020, 66, 102-109.	0.6	2
1943	Characterization of and tissue density in the human lung: Application to neonatal imaging in the intensive care unit. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 920-927.	1.9	6
1944	Increased Cancer Incidence Following up to 15 Years after Cardiac Catheterization in Infants under One Year between 1980 and 1998—A Single Center Observational Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 315.	1.0	8
1945	How to estimate effective dose for CT patients. <i>European Radiology</i> , 2020, 30, 1825-1827.	2.3	15
1946	Trends in Outpatient Procedural Sedation: 2007–2018. <i>Pediatrics</i> , 2020, 145, .	1.0	34
1947	Improved scan method for dental imaging using multidetector computed tomography: a phantom study. <i>Dentomaxillofacial Radiology</i> , 2020, 49, 20190462.	1.3	3
1948	DNA damage response signaling pathways and targets for radiotherapy sensitization in cancer. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 60.	7.1	474
1949	Comparison of the Effectiveness of Single-Component and Multicomponent Interventions for Reducing Radiation Doses in Patients Undergoing Computed Tomography. <i>JAMA Internal Medicine</i> , 2020, 180, 666.	2.6	14
1950	Genetic Testing for Cancer Predisposition Syndromes in Adolescents and Young Adults (AYAs). <i>Current Genetic Medicine Reports</i> , 2020, 8, 61-71.	1.9	3
1951	Quality Assurance in Medical Imaging: A Review of Challenges in Nigeria. <i>Journal of Radiology Nursing</i> , 2020, 39, 238-244.	0.2	3
1952	Human hematopoietic stem/progenitor cells display reactive oxygen species-dependent long-term hematopoietic defects after exposure to low doses of ionizing radiations. <i>Haematologica</i> , 2020, 105, 2044-2055.	1.7	19
1953	Bone-Selective MRI as a Nonradiative Alternative to CT for Craniofacial Imaging. <i>Academic Radiology</i> , 2020, 27, 1515-1522.	1.3	8
1954	Derivation and Validation of a Simplified Clinical Prediction Rule for Identifying Children at Increased Risk for Clinically Important Traumatic Brain Injuries Following Minor Blunt Head Trauma. <i>Journal of Pediatrics</i> , 2020, 3, 100026.	1.1	0
1955	The importance of skull impact site for minor mechanism head injury requiring neurosurgical intervention. <i>Child's Nervous System</i> , 2020, 36, 3021-3025.	0.6	2
1956	Assessment of imaging protocol and patient radiation exposure in pediatric computed tomography angiography. <i>Radiation Physics and Chemistry</i> , 2020, 172, 108807.	1.4	5
1957	National Imaging Trends in Pediatric Traumatic Brain Injury and Hydrocephalus. <i>World Neurosurgery</i> , 2020, 139, e399-e405.	0.7	1
1958	Radiation dose assessment of 64 Multi-Slices Computed Tomography scanner. <i>Radiation Physics and Chemistry</i> , 2021, 178, 108904.	1.4	3

#	ARTICLE	IF	CITATIONS
1959	Radiation dosimetry analyses of radiographic imaging systems used for orthodontic treatment: comparison among child, adolescent, and adult patients. <i>Oral Radiology</i> , 2021, 37, 245-250.	0.9	1
1960	Missed intracranial injuries are rare in emergency departments using the PECARN head injury decision rules. <i>Child's Nervous System</i> , 2021, 37, 55-62.	0.6	3
1961	Recommendations for the medical workup of first episode psychosis, including specific relevance to Indigenous Australians: A narrative review. <i>Microbial Biotechnology</i> , 2021, 15, 423-438.	0.9	1
1962	Clinical Prediction Scores for Pediatric Appendicitis. <i>European Journal of Pediatric Surgery</i> , 2021, 31, 252-260.	0.7	14
1963	Acute mastoiditis in infants younger than 6 months: is an alternative treatment protocol needed?. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 339-344.	0.8	3
1964	“Black bone” the new backbone in CAD/CAM-assisted craniosynostosis surgery?. <i>Acta Neurochirurgica</i> , 2021, 163, 1735-1741.	0.9	11
1965	Radiation safety education and diagnostic imaging in pediatric patients with surgically treated hydrocephalus: the patient and family perspective. <i>Child's Nervous System</i> , 2021, 37, 491-497.	0.6	1
1966	Changes in pulmonary oxygen content are detectable with laser absorption spectroscopy: proof of concept in newborn piglets. <i>Pediatric Research</i> , 2021, 89, 823-829.	1.1	9
1967	Predictors of Anesthetic Exposure in Pediatric MRI. <i>American Journal of Roentgenology</i> , 2021, 216, 799-805.	1.0	10
1968	Evaluation of distraction techniques for patients aged 4–10 years undergoing magnetic resonance imaging examinations. <i>Radiography</i> , 2021, 27, 221-228.	1.1	1
1969	Challenging the concept of de novo acute myeloid leukemia: Environmental and occupational leukemogens hiding in our midst. <i>Blood Reviews</i> , 2021, 47, 100760.	2.8	7
1970	Outcomes following adoption of a standardized protocol for abscess drain management in pediatric appendicitis. <i>Journal of Pediatric Surgery</i> , 2021, 56, 43-46.	0.8	5
1971	Incidence, severity and tolerability of pneumothorax following low-dose CT-guided lung biopsy in different severities of COPD. <i>Clinical Respiratory Journal</i> , 2021, 15, 84-90.	0.6	7
1972	Risk Factors of Subsequent Central Nervous System Tumors after Childhood and Adolescent Cancers: Findings from the French Childhood Cancer Survivor Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 133-141.	1.1	19
1973	Development of image quality related reference doses called acceptable quality doses (AQD) in paediatric CT exams in Qatar. <i>European Radiology</i> , 2021, 31, 3098-3105.	2.3	5
1974	Analysis of patients receiving ≤ 100 mSv during a computed tomography intervention. <i>European Radiology</i> , 2021, 31, 3065-3070.	2.3	14
1975	Is the risk of childhood leukaemia associated with socioeconomic measures in Denmark? A nationwide register-based case-control study. <i>International Journal of Cancer</i> , 2021, 148, 2227-2240.	2.3	5
1976	How Hematopoietic Stem Cells Respond to Irradiation: Similarities and Differences between Low and High Doses of Ionizing Radiations. <i>Experimental Hematology</i> , 2021, 94, 11-19.	0.2	4

#	ARTICLE	IF	CITATIONS
1977	Trends in Use of Diagnostic Imaging for Abdominal Pain in U.S. Emergency Departments. <i>American Journal of Roentgenology</i> , 2021, 216, 200-208.	1.0	16
1978	Modeling low-dose radiation-induced acute myeloid leukemia in male CBA/H mice. <i>Radiation and Environmental Biophysics</i> , 2021, 60, 49-60.	0.6	8
1979	Pediatric CNS imaging and long-term effects of irradiation in pediatric oncology patients. <i>Pediatrics International</i> , 2021, 63, 81-87.	0.2	2
1980	The diagnostic value of magnetic resonance imaging in differentiating benign and malignant pediatric ovarian tumors. <i>Pediatric Radiology</i> , 2021, 51, 427-434.	1.1	9
1981	Caution warranted for low-dose radiation therapy for Covid-19. <i>British Journal of Radiology</i> , 2021, 94, 20200466.	1.0	4
1982	The Haleemâ€“Botchu classification: a novel CT-based classification for lumbar foraminal stenosis. <i>European Spine Journal</i> , 2021, 30, 865-869.	1.0	15
1983	Ultrasoundâ€“guided nasogastric tube placement in a pediatric emergency department. <i>Journal of Clinical Ultrasound</i> , 2021, 49, 106-109.	0.4	3
1984	Low Radiation X-rays: Benefiting People Globally by Reducing Cancer Risks. <i>International Journal of Medical Sciences</i> , 2021, 18, 73-80.	1.1	14
1985	Patient X-ray exposure and ALARA in the neonatal intensive care unit: Global patterns. <i>Pediatrics and Neonatology</i> , 2021, 62, 3-10.	0.3	20
1986	Editorial for â€œNovel Associations Between Genomeâ€“Wide Single Nucleotide Polymorphisms and MR Enterography Features in Crohn's Disease Patientsâ€“, <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 139-140.	1.9	0
1987	Factors influencing cumulative radiation dose from percutaneous intra-abdominal abscess drainage in the setting of inflammatory bowel disease. <i>Abdominal Radiology</i> , 2021, 46, 2195-2202.	1.0	2
1988	Extracranial dose and the risk of radiation-induced malignancy after intracranial stereotactic radiosurgery: is it time to establish a therapeutic reference level?. <i>Acta Neurochirurgica</i> , 2021, 163, 971-979.	0.9	7
1989	A systematic review and meta-analysis of radiation dose exposure from computed tomography examination of thorax-abdomen-pelvic regions among paediatric population. <i>Radiation Physics and Chemistry</i> , 2021, 179, 109148.	1.4	9
1990	Choosing Wisely: Determining performance of unjustified imaging in a large healthcare system. <i>International Journal of Clinical Practice</i> , 2021, 75, e13644.	0.8	1
1991	Enough is enough: Radiation doses in children with gastrojejunal tubes. <i>Journal of Pediatric Surgery</i> , 2021, 56, 668-673.	0.8	4
1992	Free-breathing radial volumetric interpolated breath-hold examination sequence and dynamic contrast-enhanced MRI combined with diffusion-weighted imaging for assessment of solitary pulmonary nodules. <i>Magnetic Resonance Imaging</i> , 2021, 75, 100-106.	1.0	3
1993	Can we safely give ondansetron to children with vomiting after a head injury?. <i>Archives of Disease in Childhood</i> , 2021, 106, 507.1-509.	1.0	2
1994	Do children with suspected shunt failure also require a radiographic shunt series if head CT is going to be, or has been, performed?. <i>Archives of Disease in Childhood</i> , 2021, 106, 609.1-611.	1.0	0

#	ARTICLE	IF	CITATIONS
1995	The utility of abdominal ultrasonography in the diagnosis of fungal infections in children: a narrative review. <i>Journal of Medical Radiation Sciences</i> , 2021, 68, 75-85.	0.8	4
1997	The impact of segmentation on whole-brain functional MRI quantification: Repeatability and reproducibility from multiple human observers and an artificial neural network. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1079-1092.	1.9	16
1998	Estimation of radiation exposure of children undergoing superselective intra-arterial chemotherapy for retinoblastoma treatment: assessment of local diagnostic reference levels as a function of age, sex, and interventional success. <i>Neuroradiology</i> , 2021, 63, 391-398.	1.1	4
1999	"Possible shunt malfunction" pathway for paediatric hydrocephalus—a study of clinical outcomes and cost implications. <i>Child's Nervous System</i> , 2021, 37, 499-509.	0.6	1
2000	Conditional unnecessary of head CT for whole-body CT of traffic accident victims: a pilot study. <i>Emergency Radiology</i> , 2021, 28, 273-278.	1.0	0
2001	Early life ionizing radiation exposure and cancer risks: systematic review and meta-analysis. <i>Pediatric Radiology</i> , 2021, 51, 45-56.	1.1	60
2002	Digital Image Processing in CT Scan Facial Bone With Low mAs to Improve Image Quality and Radiation Dose Reduction. , 0, , .		0
2003	Radiation and oxidative stress. , 2021, , 233-241.		2
2004	THE CONCEPT OF X-RAY CT DOSE EVALUATION METHOD USING RADIOCHROMIC FILM AND FILM-FOLDING PHANTOM. <i>Radiation Protection Dosimetry</i> , 2021, 193, 96-104.	0.4	2
2005	Pediatric Molecular Imaging. , 2021, , 1131-1147.		0
2006	Recent incidence trend of elderly patients with glioblastoma in the United States, 2000–2017. <i>BMC Cancer</i> , 2021, 21, 54.	1.1	36
2007	CLEAR: Comprehensive Learning Enabled Adversarial Reconstruction for Subtle Structure Enhanced Low-Dose CT Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 3089-3101.	5.4	52
2008	Cancer risk of CT scan in COVID-19: Resolving the dilemma. <i>Indian Journal of Medical Research</i> , 2021, 153, 568.	0.4	6
2009	Effects of neonatal lung abnormalities on parenchymal R ² * estimates. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1853-1861.	1.9	1
2011	Application of computed tomography dose index as dosimetric parameter in dental tomography. <i>Rgo</i> , 0, 69, .	0.2	0
2013	DaNet: dose-aware network embedded with dose-level estimation for low-dose CT imaging. <i>Physics in Medicine and Biology</i> , 2021, 66, 015005.	1.6	13
2014	Pediatric Chronic Rhinosinusitis. , 2021, , 284-294.		0
2015	Photon-counting x-ray detectors for CT. <i>Physics in Medicine and Biology</i> , 2021, 66, 03TR01.	1.6	104

#	ARTICLE	IF	CITATIONS
2016	United States emergency department visits for children with cerebrospinal fluid shunts. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 23-29.	0.8	3
2017	A Neonatal Case of Extralobar Pulmonary Sequestration with Thymus-Like Shadow. <i>Global Pediatric Health</i> , 2021, 8, 2333794X2110034.	0.3	0
2018	Radiation doses from head, neck, chest and abdominal CT examinations: an institutional dose report. <i>Diagnostic and Interventional Radiology</i> , 2021, 27, 147-151.	0.7	16
2019	Low-dose ionizing radiations leave scars on human hematopoietic stem and progenitor cells: the role of reactive oxygen species. <i>Haematologica</i> , 2020, 106, 320-322.	1.7	2
2020	Estimation of Effective Doses to Patients in Whole Body Computed Tomography with Automatic Tube Current Modulation Systems. <i>IFMBE Proceedings</i> , 2021, , 760-767.	0.2	1
2021	Acute Fractures in Sport: Thoraco-Lumbar Spine. , 2021, , 323-338.		0
2022	A Preliminary Study of Personalized Head CT Scan in Pediatric Patients. <i>Dose-Response</i> , 2021, 19, 155932582098566.	0.7	2
2023	Routine postoperative computed tomography scan after craniotomy: systematic review and evidence-based recommendations. <i>Neurosurgical Review</i> , 2021, 44, 2523-2531.	1.2	6
2024	Evaluation of an Algorithm for Testis-Sparing Surgery in Boys with Testicular Tumors: A Retrospective Cohort Study. <i>Surgeries</i> , 2021, 2, 9-19.	0.3	0
2025	Second Primary Neoplasms in Retinoblastoma: Effect of Gene and Environment. , 2021, , 1-12.		0
2026	Diagnostic radiological examinations and risk of intracranial tumours in adultsâ€”findings from the Interphone Study. <i>International Journal of Epidemiology</i> , 2022, 51, 537-546.	0.9	2
2027	SIMPLE METHOD OF MEASURING SSDE FOR HEAD CT: FACILITATING PRE-CT SCAN DOSE CALCULATION USING SPECIALIZED HEAD SCAN BAND. <i>Radiation Protection Dosimetry</i> , 2021, 197, 1-11.	0.4	3
2028	Transcriptomic profiling reveals gene expression in human peripheral blood after exposure to low-dose ionizing radiation. <i>Journal of Radiation Research</i> , 2022, 63, 8-18.	0.8	3
2029	OUP accepted manuscript. <i>Radiation Protection Dosimetry</i> , 2021, 196, 190-198.	0.4	1
2030	An Improved Method of Automated Noise Measurement System in CT Images. <i>Journal of Biomedical Physics and Engineering</i> , 2021, 11, 163-174.	0.5	5
2031	Impact of preset and postset adaptive statistical iterative reconstruction-V on image quality in nonenhanced abdominal-pelvic CT on wide-detector revolution CT. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 264-275.	1.1	9
2032	Investigation of the efficacy of a data-driven CT artifact correction scheme for sparse and truncated projection data for intracranial hemorrhage diagnosis. , 2021, 11595, .		0
2033	Planning and Osteotomy Designs in the Correction of Single-Suture Craniosynostosis. <i>Annals of Plastic Surgery</i> , 2021, 86, 226-232.	0.5	2

#	ARTICLE	IF	CITATIONS
2034	Ionizing Radiation Protein Biomarkers in Normal Tissue and Their Correlation to Radiosensitivity: A Systematic Review. <i>Journal of Personalized Medicine</i> , 2021, 11, 140.	1.1	10
2035	Disparities in the Use of Emergency Department Advanced Imaging in Medicare Beneficiaries. <i>American Journal of Roentgenology</i> , 2021, 216, 519-525.	1.0	14
2036	The Nottingham radiation protocol for O-arm navigation in paediatric deformity patients: a feasibility study. <i>European Spine Journal</i> , 2021, 30, 1920-1927.	1.0	2
2037	Infectious triggers and novel therapeutic opportunities in childhood B cell leukaemia. <i>Nature Reviews Immunology</i> , 2021, 21, 570-581.	10.6	25
2038	Fluoroscopy X-Ray Organ-Specific Dosimetry System (FLUXOR) for Estimation of Organ Doses and Their Uncertainties in the Canadian Fluoroscopy Cohort Study. <i>Radiation Research</i> , 2021, 195, 385-396.	0.7	1
2039	D-arginine-loaded metal-organic frameworks nanoparticles sensitize osteosarcoma to radiotherapy. <i>Biomaterials</i> , 2021, 269, 120642.	5.7	77
2040	Enhancing reproductive organ segmentation in pediatric CT via adversarial learning. , 2021, 11596, .		5
2041	Artificial intelligence enables whole-body positron emission tomography scans with minimal radiation exposure. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2771-2781.	3.3	45
2042	A global, regional, and national survey on burden and Quality of Care Index (QCI) of brain and other central nervous system cancers; global burden of disease systematic analysis 1990-2017. <i>PLoS ONE</i> , 2021, 16, e0247120.	1.1	54
2043	Utility of contrast-enhanced ultrasound for solid mass surveillance and characterization in children with tuberous sclerosis complex: an initial experience. <i>Pediatric Nephrology</i> , 2021, 36, 1775-1784.	0.9	5
2044	ICRP Publication 147: Use of Dose Quantities in Radiological Protection. <i>Annals of the ICRP</i> , 2021, 50, 9-82.	3.0	74
2045	Should I irradiate with computed tomography or sedate for magnetic resonance imaging?. <i>Pediatric Radiology</i> , 2022, 52, 340-344.	1.1	12
2046	Nodule Detection with Convolutional Neural Network Using Apache Spark and GPU Frameworks. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2838.	1.3	8
2047	The diagnostic performance of chest computed tomography in the detection of rib fractures in children investigated for suspected physical abuse: a systematic review and meta-analysis. <i>European Radiology</i> , 2021, 31, 7088-7097.	2.3	4
2048	Caring for Traumatic Brain Injury Patients. <i>Critical Care Nursing Clinics of North America</i> , 2021, 33, 21-36.	0.4	3
2049	Radiation exposure and establishment of diagnostic reference levels of whole-body low-dose CT for the assessment of multiple myeloma with second- and third-generation dual-source CT. <i>Acta Radiologica</i> , 2022, 63, 527-535.	0.5	1
2050	Computed tomography in cystic fibrosis lung disease: a focus on radiation exposure. <i>Pediatric Radiology</i> , 2021, 51, 544-553.	1.1	10
2051	Added Value of Magnetic Resonance Imaging for the Evaluation of Mediastinal Lesions. <i>Radiologic Clinics of North America</i> , 2021, 59, 251-277.	0.9	3

#	ARTICLE	IF	CITATIONS
2052	Radiation exposure dose outside the irradiation field due to differences in pediatric head computed tomography scanning methods. <i>Radiological Physics and Technology</i> , 2021, 14, 173-178.	1.0	2
2053	The utility of arterial spin labeling in the presurgical evaluation of poorly defined focal epilepsy in children. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 243-252.	0.8	13
2054	Ionizing radiation exposure from dialysis tunneled catheters procedures: European directive and legal implications. <i>Journal of Vascular Access</i> , 2022, 23, 500-507.	0.5	1
2055	European Federation of Societies for Ultrasound in Medicine and Biology (EFSUMB): An Update on the Pediatric CEUS Registry on Behalf of the EFSUMB Pediatric CEUS Registry Working Group. <i>Ultraschall in Der Medizin</i> , 2021, 42, 270-277.	0.8	13
2056	Risk of Second Primary Malignancies among Patients with Early Gastric Cancer Exposed to Recurrent Computed Tomography Scans. <i>Cancers</i> , 2021, 13, 1144.	1.7	4
2057	The Role of the Radiation Safety Officer in Patient Safety. , 0, , .		1
2058	Pediatric SMA patients with complex spinal anatomy: Implementation and evaluation of a decision-tree algorithm for administration of nusinersen. <i>European Journal of Paediatric Neurology</i> , 2021, 31, 92-101.	0.7	6
2059	Induction of AML Preleukemic Fusion Genes in HSPCs and DNA Damage Response in Preleukemic Fusion Gene Positive Samples. <i>Antioxidants</i> , 2021, 10, 481.	2.2	5
2060	Exploring the differentially expressed genes in human lymphocytes upon response to ionizing radiation: a network biology approach. <i>Radiation Oncology Journal</i> , 2021, 39, 48-60.	0.7	9
2061	Accuracy of Pedicle Screw Placement Methods in Pediatrics and Adolescents Spinal Surgery: A Systematic Review and Meta-Analysis. <i>Global Spine Journal</i> , 2022, 12, 677-688.	1.2	3
2062	Magnetic Resonance Imaging Provides Useful Diagnostic Information Following Equivocal Ultrasound in Children With Suspected Appendicitis. <i>Canadian Association of Radiologists Journal</i> , 2021, 72, 797-805.	1.1	6
2063	JCS 2018 Guideline on Diagnosis of Chronic Coronary Heart Diseases. <i>Circulation Journal</i> , 2021, 85, 402-572.	0.7	52
2064	Direct measurement of radiation exposure dose to individual organs during diagnostic computed tomography examination. <i>Scientific Reports</i> , 2021, 11, 5435.	1.6	5
2065	Estimating Organ Doses from Pediatric Cerebral Computed Tomography Using the WAZA-ARI Web-Based Calculator. <i>Journal of Radiation Protection and Research</i> , 2021, 46, 1-7.	0.3	1
2066	X-ray-Based Techniques to Study the Nano-Bio Interface. <i>ACS Nano</i> , 2021, 15, 3754-3807.	7.3	60
2067	SIZE-SPECIFIC DOSE ESTIMATES FOR PEDIATRIC NON-CONTRAST HEAD CT SCANS: A RETROSPECTIVE PATIENT STUDY IN TUNJA, COLOMBIA. <i>Radiation Protection Dosimetry</i> , 2021, 193, 221-227.	0.4	6
2068	Clinical Practice Patterns in Nonsyndromic Craniosynostosis: A Review of Continuous Certification Tracer Data From the American Board of Plastic Surgery. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 2029-2034.	0.3	4
2069	Dose Estimation for the European Epidemiological Study on Pediatric Computed Tomography (EPI-CT). <i>Radiation Research</i> , 2021, 196, 74-99.	0.7	17

#	ARTICLE	IF	CITATIONS
2070	How much is too much? Systematic review of cumulative doses from radiological imaging and the risk of cancer in children and young adults. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 160, 103292.	2.0	16
2071	Risk of Hematologic Malignant Neoplasms From Abdominopelvic Computed Tomographic Radiation in Patients Who Underwent Appendectomy. <i>JAMA Surgery</i> , 2021, 156, 343.	2.2	49
2072	Incidence of Benign Meningiomas in the United States: Current and Future Trends. <i>JNCI Cancer Spectrum</i> , 2021, 5, pkab035.	1.4	11
2073	Utility of a pediatric fast magnetic resonance imaging protocol as surveillance scanning for traumatic brain injury. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 475-481.	0.8	6
2074	Conversion factor for size specific dose estimation of head CT scans based on age, for individuals from 0 up to 18 years old. <i>Physics in Medicine and Biology</i> , 2021, 66, 085011.	1.6	4
2075	One-stop local and whole-body staging of children with cancer. <i>Pediatric Radiology</i> , 2022, 52, 391-400.	1.1	4
2076	Quantitative and qualitative comparison of morphometric outcomes after endoscopic and conventional correction of sagittal and metopic craniosynostosis versus control groups. <i>Neurosurgical Focus</i> , 2021, 50, E2.	1.0	8
2077	3D-printed saw guides for lower arm osteotomy, a comparison between a synthetic CT and CT-based workflow. <i>3D Printing in Medicine</i> , 2021, 7, 13.	1.7	10
2078	Projected paediatric cervical spine imaging rates with application of NEXUS, Canadian C-Spine and PECARN clinical decision rules in a prospective Australian cohort. <i>Emergency Medicine Journal</i> , 2021, 38, 330-337.	0.4	11
2079	Imaging pediatric acute head trauma using 100-kVp low dose CT with adaptive statistical iterative reconstruction (ASIR-V) in single rotation on a 16â€šcm wide-detector CT. <i>Journal of X-Ray Science and Technology</i> , 2021, 29, 1-11.	0.7	0
2080	High-Resolution CT Following Primary Spontaneous Pneumothorax in Adolescents: Useful Tool or Wasted Radiation?. <i>Cureus</i> , 2021, 13, e14936.	0.2	0
2081	ESTIMATION OF DIAGNOSTIC REFERENCE LEVELS AND ACHIEVABLE DOSES FOR PEDIATRIC PATIENTS IN COMMON COMPUTED TOMOGRAPHY EXAMINATIONS: A MULTI-CENTER STUDY. <i>Radiation Protection Dosimetry</i> , 2021, 194, 214-222.	0.4	4
2082	Gadolinium retention: should pediatric radiologists be concerned, and how to frame conversations with families. <i>Pediatric Radiology</i> , 2022, 52, 345-353.	1.1	10
2083	USE OF VACUUM MATTRESSES CAN REDUCE THE ABSORBED DOSE DURING PEDIATRIC CT. <i>Radiation Protection Dosimetry</i> , 2021, 194, 201-207.	0.4	6
2084	Evaluation of age-based radiation dose in paediatric patients received from head CT examination at a tertiary hospital, Nigeria. <i>Radiation Physics and Chemistry</i> , 2021, 182, 109380.	1.4	4
2085	Projected lifetime cancer risk from cone-beam computed tomography for orthodontic treatment. <i>Korean Journal of Orthodontics</i> , 2021, 51, 189-198.	0.8	4
2086	Evaluation of Calyculin A Effect on $\hat{3}$ H2AX/53BP1 Focus Formation and Apoptosis in Human Umbilical Cord Blood Lymphocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5470.	1.8	4
2087	Imaging Assessment of the Postoperative Spine: An Updated Pictorial Review of Selected Complications. <i>BioMed Research International</i> , 2021, 2021, 1-20.	0.9	15

#	ARTICLE	IF	CITATIONS
2088	CTSim: Changing teaching practice in radiography with simulation. <i>Radiography</i> , 2021, 27, 490-498.	1.1	4
2089	Arthroscopic Bankart Repair and Open Bristow Procedure in the Treatment of Anterior Shoulder Instability With Osseous Glenoid Lesions in Collision Athletes. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110082.	0.8	5
2090	REDUCING PELVIS RADIOGRAPH EXPOSURE IN CHILDREN USING A DOSE SIMULATION X-RAY RESEARCH SOFTWARE. <i>Radiation Protection Dosimetry</i> , 2021, 194, 90-96.	0.4	0
2091	Evaluation of bronchial wall thickness in asthma using magnetic resonance imaging. <i>European Respiratory Journal</i> , 2022, 59, 2100329.	3.1	4
2092	Conversion factors to derive organ doses for canine subjects undergoing CT examinations. <i>Veterinary Radiology and Ultrasound</i> , 2021, 62, 421-428.	0.4	0
2093	Noninvasive transcranial classification of stroke using a portable eddy current damping sensor. <i>Scientific Reports</i> , 2021, 11, 10297.	1.6	3
2094	Blood biomarkers of mild traumatic brain injury: State of art. <i>Neurochirurgie</i> , 2021, 67, 249-254.	0.6	13
2095	Repeated sinus CT imaging after recent head imaging. <i>Clinical Imaging</i> , 2021, 73, 57-60.	0.8	1
2096	Radiation Exposure in Pediatric Interventional Procedures. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 857-865.	0.9	13
2097	Surveillance for subsequent neoplasms of the CNS for childhood, adolescent, and young adult cancer survivors: a systematic review and recommendations from the International Late Effects of Childhood Cancer Guideline Harmonization Group. <i>Lancet Oncology</i> , The, 2021, 22, e196-e206.	5.1	24
2098	The significance of imaging examinations during follow-up for malignant melanoma. <i>European Journal of Dermatology</i> , 2021, 31, 357-363.	0.3	4
2099	Traumatic brain injury biomarkers in pediatric patients: a systematic review. <i>Neurosurgical Review</i> , 2021, , 1.	1.2	6
2100	A new classification of cardio-oncology syndromes. <i>Cardio-Oncology</i> , 2021, 7, 24.	0.8	27
2101	Fabrication of X-ray absorption grating by thermal composite method. <i>Japanese Journal of Applied Physics</i> , 2021, 60, 076506.	0.8	1
2102	On the potential of ROI imaging in "Cray CT" A comparison of novel dynamic beam attenuators with current technology. <i>Medical Physics</i> , 2021, 48, 3479-3499.	1.6	1
2103	Diagnostic reference levels during fluoroscopically guided interventions using mobile C-arms in operating rooms: A national multicentric survey. <i>Physica Medica</i> , 2021, 86, 91-97.	0.4	4
2104	Is computer-assisted design and manufacturing technology useful in the surgical management of trigonocephaly?. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2021, 49, 993-999.	0.7	5
2105	Reliability of Serum Tumor Marker Measurement to Diagnose Recurrence in Patients with Clinical Stage I Nonseminomatous Germ Cell Tumors Undergoing Active Surveillance: A Systematic Review. <i>Journal of Urology</i> , 2021, 205, 1569-1576.	0.2	8

#	ARTICLE	IF	CITATIONS
2106	Contrast-enhanced ultrasound is useful for the evaluation of focal liver lesions in children. Australasian Journal of Ultrasound in Medicine, 2021, 24, 143-150.	0.3	4
2107	Congenital parenchymal structural lung lesions: cysts, emphysema and sequestration. , 2021, , 164-178.		0
2108	Ultrasound-guided nusinersen administration for spinal muscular atrophy patients with severe scoliosis: an observational study. Orphanet Journal of Rare Diseases, 2021, 16, 274.	1.2	10
2109	Ultra-low-dose lung multidetector computed tomography in children – Approaching 0.2 millisievert. European Journal of Radiology, 2021, 139, 109699.	1.2	3
2110	Computed tomography associated radiation exposure in children with craniosynostosis. Child's Nervous System, 2021, 37, 2635-2641.	0.6	4
2111	Lifetime attributable cancer risk related to prevalent CT scan procedures in pediatric medical imaging centers. International Journal of Radiation Biology, 2021, 97, 1282-1288.	1.0	10
2112	Evaluating the Utility of Routine Computed Tomography Scans after Cranial Vault Reconstruction for Children with Craniosynostosis. Plastic and Reconstructive Surgery, 2021, 148, 63e-70e.	0.7	4
2113	Indications for computed tomography use and frequency of traumatic abnormalities based on real-world data of 2405 pediatric patients with minor head trauma. , 2021, 12, 321.		2
2114	Use of a Commercially Available Clinical Decision Support Tool to Expedite Prior Authorization in Partnership With a Private Payer. Journal of the American College of Radiology, 2021, 18, 857-863.	0.9	5
2115	Patient Race/Ethnicity and Diagnostic Imaging Utilization in the Emergency Department: A Systematic Review. Journal of the American College of Radiology, 2021, 18, 795-808.	0.9	20
2116	Detection of a Urethral Foreign Body in a Pediatric Patient: Another Useful Application of Point-of-Care Ultrasound. Journal of Emergency Medicine, 2021, 61, e26-e31.	0.3	2
2117	Implementation of secondary reconstructions of flat-panel volume computed tomography (fpVCT) and otological planning software for anatomically based cochlear implantation. European Archives of Oto-Rhino-Laryngology, 2021, , 1.	0.8	8
2118	Prenatal X-ray Exposure and the Risk of Developing Pediatric Cancer – A Systematic Review of Risk Markers and a Comparison of International Guidelines. Health Physics, 2021, 121, 225-233.	0.3	4
2119	Ultrasonographic Evaluation of Physiologic Free Intraperitoneal Fluid in Healthy Children: A Prospective Observational Study. Journal of Ultrasound in Medicine, 2022, 41, 1061-1067.	0.8	4
2120	Calvarium Subperiosteal Hematoma in a 12-Year-Old Boy. Cureus, 2021, 13, e16550.	0.2	1
2121	Weakly-supervised progressive denoising with unpaired CT images. Medical Image Analysis, 2021, 71, 102065.	7.0	15
2122	Dose Estimation by Geant4-Based Simulations for Cone-Beam CT Applications: A Systematic Review. Applied Sciences (Switzerland), 2021, 11, 6136.	1.3	1
2123	Influence of Different Arm Positions in the Localizer Radiograph(s) on Patient Dose during Exposure-Controlled CT Examinations of the Neck to Pelvis. Tomography, 2021, 7, 313-322.	0.8	2

#	ARTICLE	IF	CITATIONS
2124	Magnetic Resonance Imaging Detects Progression of Lung Disease and Impact of Newborn Screening in Preschool Children with Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 943-953.	2.5	41
2125	Leukemia Risk in a Cohort of 3.9 Million Children with and without Down Syndrome. <i>Journal of Pediatrics</i> , 2021, 234, 172-180.e3.	0.9	25
2126	Effects of Choice of Medical Imaging Modalities on a Non-invasive Diagnostic and Monitoring Computational Framework for Patients With Complex Valvular, Vascular, and Ventricular Diseases Who Undergo Transcatheter Aortic Valve Replacement. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 643453.	2.0	15
2127	Fluorodeoxyglucose F 18 for the Assessment of Acute Intestinal Graft-versus-Host Disease and Prediction of Response to Immunosuppressive Therapy. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 603-610.	0.6	8
2128	Full-body MR imaging: a retrospective study on a novel diagnostic approach for children sustaining high-energy trauma. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, , 1.	0.8	1
2129	Traumatic epidural hematoma treated with endovascular coil embolization. , 2021, 12, 322.		3
2130	Radiation therapyâ€s associated toxicity: Etiology, management, and prevention. <i>Ca-A Cancer Journal for Clinicians</i> , 2021, 71, 437-454.	157.7	129
2131	Aligning Patient Safety and Stewardship: A Harm Reduction Strategy for Children. <i>Current Treatment Options in Pediatrics</i> , 2021, 7, 138-151.	0.2	1
2132	ARDIÄŒİK TORAKS VE ABDOMEN BT TETKÄ°KLERÄ°NDE TARAMA UZUNLUÄŒÜ VE RADYASYON DOZ PARAMETRELERÄ°NÄ°N KARÄŒİLAAŒTIRILMASI. <i>Kocatepe TÄ±p Dergisi</i> , 2021, 22, 278-281.	0.0	0
2133	Replacing Computed Tomography with â€œRapidâ€ Magnetic Resonance Imaging for Ventricular Shunt Imaging. <i>Pediatric Quality & Safety</i> , 2021, 6, e441.	0.4	1
2134	Assessing and conveying risks and benefits of imaging in neonates using ionizing radiation and sedation/anesthesia. <i>Pediatric Radiology</i> , 2022, 52, 616-621.	1.1	4
2135	How much is the effective dose from medical imaging in pediatric patients in the neurosurgery department?. <i>Radioprotection</i> , 2021, 56, 229-236.	0.5	1
2136	Consistency of Cranial Shape Measures Obtained From Laser Surface and Computed Tomography Imaging. <i>Journal of Craniofacial Surgery</i> , 2021, Publish Ahead of Print, 2763-2767.	0.3	0
2137	Reducing Radiation Exposure to Patients and Staff During Routine Ureteroscopic Stone Surgery: Adopting a Fluoroless Technique. <i>Cureus</i> , 2021, 13, e16279.	0.2	2
2138	A Review on Techniques of Radiation Dose Reduction in Radiography. <i>Lecture Notes in Networks and Systems</i> , 2022, , 681-694.	0.5	0
2139	PECARN algorithms for minor head trauma: Risk stratification estimates from a prospective PREDICT cohort study. <i>Academic Emergency Medicine</i> , 2021, 28, 1124-1133.	0.8	6
2140	Guidelines for reasonable and appropriate care in the emergency department (GRACE): Recurrent, lowâ€risk chest pain in the emergency department. <i>Academic Emergency Medicine</i> , 2021, 28, 718-744.	0.8	23
2141	Appropriateness of Computed Tomography Scanning in the Diagnosis of Craniosynostosis. <i>Journal of Craniofacial Surgery</i> , 2022, 33, 222-225.	0.3	1

#	ARTICLE	IF	CITATIONS
2142	Neuroimaging for the Primary Care Provider. <i>Pediatric Clinics of North America</i> , 2021, 68, 715-725.	0.9	1
2143	Radiation dose for 320â€row doseâ€modulated dynamic coronary CT angiography. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 307-312.	0.8	5
2144	Diagnosis and Management of Suture-Related Concerns of the Infant Skull. <i>Pediatric Clinics of North America</i> , 2021, 68, 727-742.	0.9	4
2145	RENAL COMPUTED TOMOGRAPHY ANGIOGRAPHY PROTOCOL AND RADIATION DOSE IN KIDNEY TRANSPLANT DONORS. <i>Kocatepe Tıp Dergisi</i> , 2021, 22, 321-325.	0.0	0
2146	Application of low-dose CT combined with model-based iterative reconstruction algorithm in oncologic patients during follow-up: dose reduction and image quality. <i>British Journal of Radiology</i> , 2021, 94, 20201223.	1.0	3
2147	Impact of neck CT on the management of suspected pediatric deep neck space infection. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2021, 147, 110782.	0.4	4
2148	Low-count whole-body PET with deep learning in a multicenter and externally validated study. <i>Npj Digital Medicine</i> , 2021, 4, 127.	5.7	34
2149	Local Diagnostic Reference Levels for Paediatric Head CT Procedures. <i>Acta Medica Lituanica</i> , 2021, 28, 13.	0.2	2
2150	1.5 vs 3 Tesla Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2021, 56, 692-704.	3.5	6
2151	Can Patient Triageing with Clinical Scoring Systems Reduce CT Use in Adolescents and Young Adults Suspected of Having Appendicitis?. <i>Radiology</i> , 2021, 300, 350-358.	3.6	7
2152	The Effects of Sterol-Related Signaling Pathways on Glioma. <i>Nutrition and Cancer</i> , 2021, , 1-11.	0.9	1
2153	Resource Utilization During Low-Acuity Pediatric Emergency Department Visits. <i>Pediatric Emergency Care</i> , 2022, 38, e983-e987.	0.5	4
2154	Computed tomography with low-dose radiation versus standard-dose radiation for diagnosing fractures: systematic review and meta-analysis. <i>Sao Paulo Medical Journal</i> , 2021, 139, 388-397.	0.4	1
2155	Experimental examination of radiation doses from cardiac and liver CT perfusion in a phantom study as a function of organ, age and sex. <i>Journal of Radiological Protection</i> , 2021, 41, 512-525.	0.6	2
2156	Ethical impact of suboptimal referrals on delivery of care in radiology department. <i>Journal of Medical Ethics</i> , 2022, 48, 1020-1025.	1.0	2
2158	Organ dose conversion coefficients in CT scans for Korean adult males and females. <i>Nuclear Engineering and Technology</i> , 2021, , .	1.1	0
2159	Imaging in pediatric bilateral sensorineural hearing loss: Diagnostic yield with computed tomography versus magnetic resonance imaging. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2021, 147, 110778.	0.4	2
2160	Low-Value Diagnostic Imaging in Children with Medicaid. <i>Journal of Pediatrics</i> , 2021, 235, 253-263.e14.	0.9	5

#	ARTICLE	IF	CITATIONS
2161	Micro and nano Bi ₂ O ₃ filled epoxy composites: Thermal, mechanical and β -ray attenuation properties. Applied Radiation and Isotopes, 2021, 174, 109780.	0.7	20
2162	Association of Clinical Guidelines and Decision Support with Computed Tomography Use in Pediatric Mild Traumatic Brain Injury. Journal of Pediatrics, 2021, 235, 178-183.e1.	0.9	4
2163	Increasing Utilization of Emergency Department Neuroimaging From 2007 Through 2017. American Journal of Roentgenology, 2022, 218, 165-173.	1.0	17
2164	The Many Faces of Sagittal Synostosis: A Novel Classification and Approach to Diagnosis. Journal of Craniofacial Surgery, 2022, 33, 192-197.	0.3	8
2165	Defect distribution index: A novel metric for functional lung MRI in cystic fibrosis. Magnetic Resonance in Medicine, 2021, 86, 3224-3235.	1.9	7
2166	Size-specific dose estimates (SSDEs) for computed tomography and influencing factors on it: a systematic review. Journal of Radiological Protection, 2021, 41, R108-R124.	0.6	10
2167	Clinical Applications of PET/MR Imaging. Radiologic Clinics of North America, 2021, 59, 853-874.	0.9	5
2168	Comprehensive medical evaluation of pediatric bilateral sensorineural hearing loss. Laryngoscope Investigative Otolaryngology, 2021, 6, 1196-1207.	0.6	7
2169	Clinicoradiological Predictors of Severity of Traumatic Intra-Abdominal Injury in Pediatric Patients: A Retrospective Study. Cureus, 2021, 13, e17936.	0.2	1
2170	An audit of computed tomography request practices for suspected cervical spine injury postâ€ guideline change in a tertiary referral paediatric hospital. ANZ Journal of Surgery, 2022, 92, 180-187.	0.3	0
2171	Differences in radiation dose for computed tomography of the brain among pediatric patients at the emergency departments: an observational study. BMC Emergency Medicine, 2021, 21, 106.	0.7	2
2172	Variation in radiation dosing among pediatric trauma patients undergoing head computed tomography scan. Journal of Trauma and Acute Care Surgery, 2021, 91, 566-570.	1.1	3
2173	The use of a score-based protocol in pediatric appendicitis decreases CT scan utilization when evaluating children in a community hospital. Annals of Pediatric Surgery, 2021, 17, .	0.1	0
2174	Potential risks of cardiovascular and cerebrovascular disease and cancer from cumulative doses received from diagnostic CT scans. Journal of Radiological Protection, 2021, 41, .	0.6	2
2175	Integration of 2D iteration and a 3D CNN-based model for multi-type artifact suppression in C-arm cone-beam CT. Machine Vision and Applications, 2021, 32, 1.	1.7	3
2176	New-born Hearing Screening Programmes in 2020: CODEPEH Recommendations. Acta Otorrinolaringologica (English Edition), 2021, 72, 312-323.	0.1	1
2177	Brain tumors risk factors - current state of knowledge review. Journal of Education, Health and Sport, 2021, 11, 101-107.	0.0	0
2178	Rational laboratory testing in uveitis: A Bayesian analysis. Survey of Ophthalmology, 2021, 66, 802-825.	1.7	8

#	ARTICLE	IF	CITATIONS
2179	Voxel model of a rabbit: assessment of absorbed doses in organs after CT examination performed by two different protocols. <i>Radiation and Environmental Biophysics</i> , 2021, 60, 631-638.	0.6	1
2180	Brain magnetic resonance imaging without contrast significantly increased serum levels of IL-6, but not IL-10, IL-17A and TGF- β 2. <i>Brain Injury</i> , 2021, 35, 1451-1456.	0.6	0
2181	AB Blood Group Confers Higher Risk for Primary Brain Tumors in Pediatrics. <i>Risk Management and Healthcare Policy</i> , 2021, Volume 14, 4031-4035.	1.2	1
2182	Foramen Magnum Meningioma "A common histological tumor in a rare location. <i>Balneo and PRM Research Journal</i> , 2021, 12, 280-283.	0.1	0
2183	Serum biochemical parameters as a surrogate marker for chest computed tomography in children with COVID-19. <i>Future Virology</i> , 2021, 16, 601-609.	0.9	2
2184	Radiobiological risks following dentomaxillofacial imaging: should we be concerned?. <i>Dentomaxillofacial Radiology</i> , 2021, 50, 20210153.	1.3	10
2185	A QI Partnership to Decrease CT Use for Pediatric Appendicitis in the Community Hospital Setting. <i>Pediatric Quality & Safety</i> , 2021, 6, e479.	0.4	5
2186	Trends in Occupational Radiation Doses for U.S. Radiologic Technologists Performing General Radiologic and Nuclear Medicine Procedures, 1980-2015. <i>Radiology</i> , 2021, 300, 605-612.	3.6	13
2187	Preoperative imaging patterns and intracranial findings in single-suture craniosynostosis: a study from the Synostosis Research Group. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 28, 344-350.	0.8	2
2188	International trends in the incidence of brain tumours in children and young-adults and their association with indicators of economic development. <i>Cancer Epidemiology</i> , 2021, 74, 102006.	0.8	6
2189	Radiation concerns in frequent flyer patients: should imaging history influence decisions about recurrent imaging?. <i>British Journal of Radiology</i> , 2021, 94, 20210543.	1.0	7
2190	An international survey of imaging practices in radiotherapy. <i>Physica Medica</i> , 2021, 90, 53-65.	0.4	12
2191	Influencia del realce de contraste al inyectar un medio de contraste en el brazo o la pierna en pacientes neonatos y lactantes durante la angiografía por cardiografía. <i>Radiologia</i> , 2021, , .	0.3	0
2192	Selective Computed Tomography (CT) Imaging is Superior to Liberal CT Imaging in the Hemodynamically Normal Pediatric Blunt Trauma Patient. <i>Journal of Surgical Research</i> , 2021, 266, 284-291.	0.8	3
2193	Risk scoring models fail to predict pulmonary embolism in trauma patients. <i>American Journal of Surgery</i> , 2021, 222, 855-860.	0.9	0
2194	Epidemiological studies of CT scans and cancer risk: the state of the science. <i>British Journal of Radiology</i> , 2021, 94, 20210471.	1.0	22
2195	Comparative analysis of physical doses and biomarker changes in subjects underwent Computed Tomography, Positron Emission Tomography-Computed Tomography, and interventional procedures. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2021, 870-871, 503404.	0.9	0
2196	Deep Learning-based Reconstruction for Lower-Dose Pediatric CT: Technical Principles, Image Characteristics, and Clinical Implementations. <i>Radiographics</i> , 2021, 41, 1936-1953.	1.4	39

#	ARTICLE	IF	CITATIONS
2197	PET/MRI Improves Management of Children with Cancer. Journal of Nuclear Medicine, 2021, 62, 1334-1340.	2.8	12
2198	Rates and clinical impact of discordant X-ray and CT imaging in transfers to a pediatric emergency department. American Journal of Emergency Medicine, 2021, 49, 166-171.	0.7	0
2199	Evaluation of patients radiation dose in computed tomography paranasal sinuses in children. Radiation Physics and Chemistry, 2021, 188, 109695.	1.4	5
2200	Concerning the Metareview: "Pre-natal X-ray Exposure and the Risk of Developing Pediatric Cancer" A Systematic Review of Risk Factors and a Comparison of International Guidelines" Health Physics, 2021, 121, 514-517.	0.3	0
2201	Evaluation of pediatric radiation doses in computed tomography procedures in the Kingdom of Saudi Arabia. Radiation Physics and Chemistry, 2021, 188, 109679.	1.4	5
2202	An insight into the risk factors of brain tumors and their therapeutic interventions. Biomedicine and Pharmacotherapy, 2021, 143, 112119.	2.5	13
2203	Bronchiectasis in Childhood (Including PBB). , 2022, , 208-228.		0
2204	Racial and Ethnic Differences in Emergency Department Diagnostic Imaging at US Children's Hospitals, 2016-2019. JAMA Network Open, 2021, 4, e2033710.	2.8	69
2205	Non-Sedative Quick-Brain MR Imaging for the Evaluation of Pediatric Patients with Hydrocephalus. Japanese Journal of Neurosurgery, 2021, 30, 675-679.	0.0	0
2206	Radiophobic Fear-Mongering, Misappropriation of Medical References and Dismissing Relevant Data Forms the False Stance for Advocating Against the Use of Routine and Repeat Radiography in Chiropractic and Manual Therapy. Dose-Response, 2021, 19, 155932582098462.	0.7	5
2207	Ultra-low radiation dose protocol for CT-guided intrathecal nusinersen injections for patients with spinal muscular atrophy and severe scoliosis. Neuroradiology, 2021, 63, 539-545.	1.1	8
2208	Risk factors for positive brain CT scan in children with traumatic brain injury and GCS = 15. Medicine (United States), 2021, 100, e24543.	0.4	3
2209	Factors affecting high cumulative radiation exposure from paediatric computed tomography. Polish Journal of Radiology, 2021, 86, 455-460.	0.5	0
2210	Are Continued Efforts to Reduce Radiation Exposures from X-Rays Warranted?. Dose-Response, 2021, 19, 155932582199565.	0.7	7
2211	The Diagnostic Efficacy of MRI in the Evaluation of the Enlarged Vestibular Aqueduct in Children with Hearing Loss. Turkish Archives of Otorhinolaryngology, 2021, 58, 220-226.	0.8	4
2213	Radiation Epidemiology. , 2014, , 2003-2037.		3
2214	Medical Imaging Safety in the Developing World. , 2014, , 41-60.		1
2216	Surveillance Imaging in Pediatric Oncology. Pediatric Oncology, 2019, , 387-403.	0.5	1

#	ARTICLE	IF	CITATIONS
2217	Pediatric Thoracic Trauma. , 2015, , 43-64.		1
2218	Unilateral Coronal Craniosynostosis. , 2017, , 1-45.		1
2219	The Shrinking Black Box of Human Biology. , 2016, , 311-326.		1
2220	Case Selection for the Use of Cone Beam Computed Tomography in Dentistry Based on Diagnostic Efficacy and Risk Assessment. , 2017, , 97-108.		3
2221	Pediatric Frontal Sinusitis. , 2016, , 221-232.		1
2224	Differentiating perforated from non-perforated appendicitis on contrast-enhanced magnetic resonance imaging. Pediatric Radiology, 2017, 47, 1483-1490.	1.1	17
2225	Cranial ultrasound is a reliable first step imaging in children with suspected craniosynostosis. Child's Nervous System, 2017, 33, 1545-1552.	0.6	27
2226	El ocaso del modelo lineal sin umbral. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2020, 39, 303-315.	0.0	2
2228	The Pediatric Lung and Aspiration. Perspectives on Swallowing and Swallowing Disorders (Dysphagia), 2013, 22, 142-154.	0.2	4
2229	Practical advices for optimal CT scanner dose in children. Radioprotection, 2020, 55, 117-122.	0.5	13
2230	Projected future risk of leukemia and brain tumors from unnecessary brain CT scans: a multi-center study in Iran. Radioprotection, 2021, 56, 25-32.	0.5	5
2231	Computed tomography of the head and the risk of brain tumours during childhood and adolescence: results from a caseâ€“control study in Japan. Journal of Radiological Protection, 2020, 40, 1010-1023.	0.6	9
2232	Ionising radiation as a risk factor for lymphoma: a review. Journal of Radiological Protection, 2020, 40, R151-R185.	0.6	15
2233	Half2Half: deep neural network based CT image denoising without independent reference data. Physics in Medicine and Biology, 2020, 65, 215020.	1.6	32
2234	CT DOSIMETRY FOR THE AUSTRALIAN COHORT DATA LINKAGE STUDY. Radiation Protection Dosimetry, 2020, 191, 423-438.	0.4	4
2235	Evaluation of Organ Doses for Pediatric Computed Tomography Using a Newly Designed Radiophotoluminescence Glass Dosimeter and Comparison with a Monte Carlo Simulation-based Dose Calculator. Health Physics, 2021, 120, 288-295.	0.3	2
2236	Precise Evaluation of the Cochlear Duct Length by Flat-panel Volume Computed Tomography (fpVCT)â€“Implication of Secondary Reconstructions. Otology and Neurotology, 2021, 42, e294-e303.	0.7	9
2237	Computed Tomography Scan Utilization in Pediatric Trauma. Pediatric Emergency Care, 2020, Publish Ahead of Print, ,	0.5	4

#	ARTICLE	IF	CITATIONS
2238	Pediatricians as Case Managers Reduce the Exposure to Computerized Tomography in Children Experiencing Minor Head Trauma. <i>Pediatric Emergency Care</i> , 2020, Publish Ahead of Print, .	0.5	2
2239	A Dose Simulation X-Ray Software. <i>Journal of Thoracic Imaging</i> , 2021, 36, 37-42.	0.8	1
2240	Low-dose CT count-domain denoising via convolutional neural network with filter loss. , 2019, , .		4
2241	Compensator models for fluence field modulated computed tomography. <i>Medical Physics</i> , 2013, 40, 121909.	1.6	16
2242	Hillâ€™s Temporality Criterion: Reverse Causation and Its Radiation Aspect. <i>Biology Bulletin</i> , 2020, 47, 1577-1609.	0.1	6
2243	Bismuth oxide-coated fabrics for X-ray shielding. , 0, .		1
2244	Genetic epidemiology and risk factors for brain tumors. <i>Journal of Central South University (Medical)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.1	4
2246	A coordinated DNA damage response promotes adult quiescent neural stem cell activation. <i>PLoS Biology</i> , 2017, 15, e2001264.	2.6	36
2247	Demonstration of the Effect of Generic Anatomical Divisions versus Clinical Protocols on Computed Tomography Dose Estimates and Risk Burden. <i>PLoS ONE</i> , 2014, 9, e97691.	1.1	3
2248	Ionising Radiation Immediately Impairs Synaptic Plasticity-Associated Cytoskeletal Signalling Pathways in HT22 Cells and in Mouse Brain: An In Vitro/In Vivo Comparison Study. <i>PLoS ONE</i> , 2014, 9, e110464.	1.1	43
2249	Low Dose Cranial Irradiation-Induced Cerebrovascular Damage Is Reversible in Mice. <i>PLoS ONE</i> , 2014, 9, e112397.	1.1	56
2250	CDDO-Me Protects Normal Lung and Breast Epithelial Cells but Not Cancer Cells from Radiation. <i>PLoS ONE</i> , 2014, 9, e115600.	1.1	15
2251	Health Outcomes in US Children with Abdominal Pain at Major Emergency Departments Associated with Race and Socioeconomic Status. <i>PLoS ONE</i> , 2015, 10, e0132758.	1.1	27
2252	Anti-Tumor and Immune Enhancing Activities of Rice Bran Gramisterol on Acute Myelogenous Leukemia. <i>PLoS ONE</i> , 2016, 11, e0146869.	1.1	21
2253	Regional Deprivation and Non-Cancer Related Computed Tomography Use in Pediatric Patients in Germany: Cross-Sectional Analysis of Cohort Data. <i>PLoS ONE</i> , 2016, 11, e0153644.	1.1	7
2254	Direct Effective Dose Calculations in Pediatric Fluoroscopy-Guided Abdominal Interventions with Rando-Alderson Phantoms â€“ Optimization of Preset Parameter Settings. <i>PLoS ONE</i> , 2016, 11, e0161806.	1.1	8
2255	Validity and reliability of total body volume and relative body fat mass from a 3-dimensional photonic body surface scanner. <i>PLoS ONE</i> , 2017, 12, e0180201.	1.1	31
2256	Image quality, diagnostic accuracy, and potential for radiation dose reduction in thoracoabdominal CT, using Sinogram Affirmed Iterative Reconstruction (SAFIRE) technique in a longitudinal study. <i>PLoS ONE</i> , 2017, 12, e0180302.	1.1	8

#	ARTICLE	IF	CITATIONS
2257	Radar based technology for non-contact monitoring of accumulation of blood in the head: A numerical study. PLoS ONE, 2017, 12, e0186381.	1.1	14
2258	Lower abdominal and pelvic radiation and testicular germ cell tumor risk. PLoS ONE, 2020, 15, e0239321.	1.1	8
2259	Serial Lung Magnetic Resonance Imaging to Monitor Disease Progression in a Child With a Diffuse Alveolar Hemorrhage Syndrome. Journal of Clinical Medicine Research, 2015, 7, 267-269.	0.6	3
2260	CT Gently: A Mobile Tool for CT/CBCT Dose and Cancer Risk Estimation. Journal of Cancer Prevention & Current Research, 2014, 1, .	0.1	1
2261	Change in guardians' preference for computed tomography after explanation by emergency physicians in pediatric head injury. Clinical and Experimental Emergency Medicine, 2015, 2, 226-235.	0.5	4
2262	Pediatric head injury: a pain for the emergency physician?. Clinical and Experimental Emergency Medicine, 2015, 2, 1-8.	0.5	2
2263	Pediatric food impaction detected through point-of-care ultrasonography. Clinical and Experimental Emergency Medicine, 2018, 5, 135-137.	0.5	12
2264	Why consider contrast-enhanced ultrasound (ce-US) in children?. , 2014, 14, 447-453.		1
2265	Short-Term and Long-Term Management of Melanoma. , 0, , 161-174.		5
2266	VAIKÅ ² GALVOS KOMPIUTERINĀ-S TOMOGRAFIJOS TYRIMĀ ² , ATLIKTĀ ² DĀ-L NEUROLOGINĀ ² SIMPTOMĀ ² , DIAGNOSTINĀ-S SVARBA IR APĀVĪTA. Medicinos Teorija Ir Praktika, 2015, 21, 477-482.	0.0	1
2268	Abnormal Findings in Brain CT Scans Among Children. Journal of Comprehensive Pediatrics, 2014, 5, .	0.1	5
2269	The Effects of Medical Radiation. Annals of Nuclear Cardiology, 2015, 1, 35-42.	0.0	6
2270	Quantitative Image Quality Comparison of Reduced- and Standard-Dose Dual-Energy Multiphase Chest, Abdomen, and Pelvis CT. Tomography, 2017, 3, 114-122.	0.8	10
2271	Age-related effects of X-ray irradiation on mouse hippocampus. Oncotarget, 2016, 7, 28040-28058.	0.8	44
2272	Towards tracer dose reduction in PET studies: Simulation of dose reduction by retrospective randomized undersampling of list-mode data. Hellenic Journal of Nuclear Medicine, 2016, 19, 15-8.	0.2	25
2273	<p>Perceptions and Management of Allergic Rhinitis Among Ecuadorian Otorhinolaryngologists: A Survey-Based Study</p>. Journal of Multidisciplinary Healthcare, 2020, Volume 13, 1975-1981.	1.1	1
2274	Modern principles of the radiation protection from sources of ionizing radiation in medicine. Part 2: radiation risks and development of the system of radiation protection. RadiacionnaĀĢ Gijiena, 2019, 12, 6-24.	0.2	11
2275	Cancer Death Risk Related to Radiation Exposure from Computed Tomography Scanning Among Testicular Cancer Patients. Anticancer Research, 2017, 37, 831-834.	0.5	14

#	ARTICLE	IF	CITATIONS
2276	The Experience of Emergency Pediatric Ultrasound Education Course. <i>Pediatric Emergency Medicine Journal</i> , 2014, 1, 34-41.	0.1	4
2277	Evaluation of radiographersâ€™ and CT technologistsâ€™ knowledge regarding CT exposure parameters. <i>Polish Journal of Medical Physics and Engineering</i> , 2019, 25, 43-50.	0.2	9
2278	The Predictive Value of Repeated Abdominal Ultrasonography in Patients with Multiple Trauma and Decreased Level of Consciousness: The Experience of a Resource-Limited Centre. <i>Bulletin of Emergency and Trauma</i> , 2018, 6, 26-30.	0.4	1
2279	Noise Reduction in CT Images Using a Selective Mean Filter. <i>Journal of Biomedical Physics and Engineering</i> , 2020, 10, 623-634.	0.5	16
2280	Think A-Head Campaign of Image Gently: Shared Decision-Making in Pediatric Head Trauma. <i>American Journal of Neuroradiology</i> , 2018, 39, 1386-1389.	1.2	2
2281	Comprehensive review on endonasal endoscopic sinus surgery. <i>GMS Current Topics in Otorhinolaryngology, Head and Neck Surgery</i> , 2015, 14, Doc08.	0.8	62
2282	Computed Tomography in Germany. <i>Deutsches A&#x0308;rztblatt International</i> , 2016, 113, 721-728.	0.6	14
2283	Glioblastoma Cellular Origin and the Firework Pattern of Cancer Genesis from the Subventricular Zone. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 26-33.	0.5	18
2284	Clinical Guidance for Point-of-Care Ultrasound in the Emergency and Critical Care Areas after Implementing Insurance Coverage in Korea. <i>Journal of Korean Medical Science</i> , 2020, 35, e54.	1.1	10
2285	Using 2-mSv Appendiceal CT in Usual Practice for Adolescents and Young Adults: Willingness Survey of 579 Radiologists, Emergency Physicians, and Surgeons from 20 Hospitals. <i>Korean Journal of Radiology</i> , 2020, 21, 68.	1.5	10
2286	Radiation risks associated with serial imaging in colorectal cancer patients: Should we worry?. <i>World Journal of Gastroenterology</i> , 2014, 20, 100.	1.4	8
2287	Pediatric Canalicular Lacerations: Epidemiology and Variables Affecting Repair Success. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2014, 51, 242-248.	0.3	23
2288	General Pediatric Clinical Applications of POCUS: Part 1. <i>Pediatric Annals</i> , 2020, 49, e147-e152.	0.3	3
2289	Medical radiation exposure and human carcinogenesis-genetic and epigenetic mechanisms. <i>Biomedical and Environmental Sciences</i> , 2014, 27, 718-28.	0.2	15
2290	Effect of Non-fluoroscopic Catheter Tracking on Radiation Exposure during Pulmonary Vein Isolation: Comparison of Four ablation systems. <i>Journal of Atrial Fibrillation</i> , 2018, 11, 2068.	0.5	3
2291	Problems and preferences in pediatric imaging. <i>Indian Journal of Radiology and Imaging</i> , 2015, 25, 359-364.	0.3	62
2292	The current status of pediatric radiology in India: A conference-based survey. <i>Indian Journal of Radiology and Imaging</i> , 2017, 27, 73-77.	0.3	4
2293	Can an abnormal CT scan be predicted from common symptoms after mild head injury in children?. <i>Journal of Pediatric Neurosciences</i> , 2013, 8, 183.	0.2	8

#	ARTICLE	IF	CITATIONS
2294	Ultra-Low-Dose Chest CT in Patients with Neutropenic Fever and Hematologic Malignancy: Image Quality and Its Diagnostic Performance. <i>Cancer Research and Treatment</i> , 2014, 46, 393-402.	1.3	31
2295	Biomarkers Can Promote Risk Stratification in CT Scanning for Lung Cancer Detection. <i>Journal of Clinical & Experimental Oncology</i> , 2012, 01, .	0.1	2
2296	Role of imaging in the evaluation of inflammatory bowel disease: How much is too much?. <i>World Journal of Radiology</i> , 2016, 8, 124.	0.5	25
2297	Computed tomography dose optimisation in cystic fibrosis: A review. <i>World Journal of Radiology</i> , 2016, 8, 331.	0.5	19
2298	Nuclear power plants and childhood leukaemia: lessons from the past and future directions. <i>Swiss Medical Weekly</i> , 2014, 144, w13912.	0.8	4
2299	The Availability of Radiological Measurement of Femoral Anteversion Angle: Three-Dimensional Computed Tomography Reconstruction. <i>Annals of Rehabilitation Medicine</i> , 2016, 40, 237.	0.6	16
2300	Level of radiation dose in university hospital non-insured private health screening programs in Korea. <i>Environmental Health and Toxicology</i> , 2016, 31, e2016007.	1.8	4
2301	Peripheral Blood Lymphocytes as In Vitro Model to Evaluate Genomic Instability Caused by Low Dose Radiation. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 17, 1773-1777.	0.5	12
2303	Patient-Specific Organ dose Evaluation Based on Monte Carlo Simulation and dose Metrics in Paediatric Chestâ€”Abdomenâ€”Pelvis CT Examinations. <i>Radiation Protection Dosimetry</i> , 2021, 197, 46-53.	0.4	1
2304	How Safe Are Radiation Doses in Diagnostic Radiology? A Historical Perspective and Review of Current Evidence. <i>Indian Journal of Radiology and Imaging</i> , 2021, 31, 653-660.	0.3	2
2305	Point-of-Care Ultrasound for the Pediatric Provider. <i>Pediatric Annals</i> , 2021, 50, e402-e403.	0.3	0
2306	Image quality assessment of low-dose protocols in cone beam computed tomography of the anterior maxilla. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2022, 133, 483-491.	0.2	4
2307	DNA damage response of haematopoietic stem and progenitor cells to high-LET neutron irradiation. <i>Scientific Reports</i> , 2021, 11, 20854.	1.6	5
2308	Implementation and assessment of a pediatric point-of-care ultrasound training course in Japan: a pilot study. <i>Journal of Medical Ultrasonics (2001)</i> , 2021, , 1.	0.6	3
2309	Impact of Reverse Causation on Estimates of Cancer Risk Associated With Radiation Exposure From Computerized Tomography: A Simulation Study Modeled on Brain Cancer. <i>American Journal of Epidemiology</i> , 2022, 191, 173-181.	1.6	8
2310	Validation of Deep Learningâ€”based Augmentation for Reduced ¹⁸ F-FDG Dose for PET/MRI in Children and Young Adults with Lymphoma. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200232.	3.0	8
2311	Diagnostic reference levels and median doses for common clinical indications of CT: findings from an international registry. <i>European Radiology</i> , 2022, 32, 1971-1982.	2.3	17
2312	Reasons for Requesting a CT Scan and Amount of Radiation Exposure in Hospitalized Children, the Issue Needs Attention. <i>Journal of Comprehensive Pediatrics</i> , 2021, 12, .	0.1	0

#	ARTICLE	IF	CITATIONS
2313	Postnatal diagnosis of single-suture craniosynostosis with cranial ultrasound: a systematic review. <i>Child's Nervous System</i> , 2021, 37, 3705-3714.	0.6	5
2314	Diagnostic Challenges in Sepsis. <i>Current Infectious Disease Reports</i> , 2021, 23, 22.	1.3	19
2315	Magnetic resonance imaging accuracy before surgery in children with retropharyngeal abscesses. <i>Journal of Paediatrics and Child Health</i> , 2021, , .	0.4	3
2316	Abdominopelvic CT-scan in emergency departments for patients with suspected complications of Crohn's disease: a single tertiary center experience. <i>BMC Emergency Medicine</i> , 2021, 21, 113.	0.7	1
2317	Vestibular Schwannomas in Young Patients: A 12-Year Experience in a Single Center. <i>World Neurosurgery</i> , 2022, 158, e166-e178.	0.7	1
2318	Initial Diagnostic Evaluation of the Child With Suspected Arterial Ischemic Stroke. <i>Topics in Magnetic Resonance Imaging</i> , 2021, 30, 211-223.	0.7	1
2320	Invasive fungal diseases in children with hematological malignancies and stem cell transplant recipients. <i>Journal of Hematological Malignancies</i> , 2012, 2, .	0.0	0
2321	Dosimetry: which dose for screening, diagnosis and follow-up ?. <i>Journal of the Belgian Society of Radiology</i> , 2015, 96, 160.	0.2	0
2322	Neurological Imaging. , 2014, , 25-49.		0
2323	Monitoring of Medical Radiation Exposure for Individuals. , 2014, , 69-83.		0
2324	Radiation Safety. , 2014, , 113-121.		0
2325	Hybrid Imaging: PET-CT and PET-MRI. , 2014, , 411-430.		0
2326	Principles of Magnetic Resonance Imaging (MRI). , 2014, , 41-65.		0
2327	Minor Pediatric Head Trauma in the Emergency Unit. <i>Emergency Medicine: Open Access</i> , 2014, 04, .	0.1	0
2328	Evaluation of Major Aortopulmonary Collateral Arteries in Neonates with Congenital Heart Defects Using Dual Source Computed Tomography. <i>Nihon Shoni Junkanki Gakkai Zasshi = Pediatric Cardiology and Cardiac Surgery</i> , 2014, 30, 448-455.	0.0	0
2330	Lung Imaging. , 2014, , 1056-1065.		0
2331	Laparoscopic Appendectomy for Acute Appendicitis in Pregnancy: A Report of Five Cases. <i>Japanese Journal of Gastroenterological Surgery</i> , 2014, 47, 623-630.	0.0	3
2332	Toward Personalized Imaging in Image-guided Radiotherapy. <i>Cancer Science & Research Open Access</i> , 2014, 1, .	1.4	0

#	ARTICLE	IF	CITATIONS
2333	Spezifische Diagnostik in der Kinderurologie. , 2014, , 1-26.		0
2334	Imaging for the Pediatric Pulmonologist. Respiratory Medicine, 2015, , 257-284.	0.1	0
2335	CT Gently: Personalizing CT and CBCT Imaging for the Children. SAJ Cancer Science, 2014, 1, .	0.0	0
2336	Medical students's awareness of radiation exposure related to radiological imaging procedures. Journal of Medical Science, 2014, 83, 244-249.	0.2	1
2337	DOSIS RADIASI DARI TINDAKAN CT-SCAN KEPALA. Journal of Enviromental Engineering and Sustainable Technology, 2014, 1, 84-91.	0.2	0
2338	Tracheobronchomalacia. , 2015, , 87-95.		1
2339	Airway and Lung Ultrasound in Pediatric Emergency Patients. Pediatric Emergency Medicine Journal, 2014, 1, 75-82.	0.1	1
2340	The cancer risks of medical radiation exposure associated mainly with CT scans. An Official Journal of the Japan Primary Care Association, 2015, 38, 369-382.	0.1	1
2342	Central Nervous System Tumors: Meningioma. Reviews at LibraryOfMedicine Com, 2015, 1, 1.	0.0	0
2343	Pediatric Stress Echocardiography. , 2015, , 611-626.		1
2345	Post-therapy Surveillance of Bone Tumors. Pediatric Oncology, 2015, , 211-219.	0.5	0
2349	Pediatric Endoscopic Retrograde Cholangiopancreatography. , 2015, , 325-340.		0
2350	Limited brain magnetic resonance imaging for evaluation of non-traumatic pediatric head emergencies. World Journal of Clinical Pediatrics, 2015, 4, 35.	0.6	1
2352	Availability of the Pediatric Emergency Care Applied Research Network (PECARN) rule for computed tomography scanning decision in children younger than 2 years with minor head injury. Pediatric Emergency Medicine Journal, 2015, 2, 67-74.	0.1	4
2353	Radiation Risk-based Approach: From Historical Background to Current Issues. Trends in the Sciences, 2016, 21, 3_44-3_49.	0.0	0
2354	Ionizing Radiation. , 2016, , 107-117.		0
2356	Revision of radiation exposure dose management in an emergency. Journal of Occupational Safety and Health, 2016, 9, 91-102.	0.0	0
2357	Epidemiology of Childhood Tumours. , 2016, , 7-18.		0

#	ARTICLE	IF	CITATIONS
2358	Leichtes SchÄdel-Hirn-Trauma bei Kindern und Erwachsenen. , 2016, , 1-16.		0
2359	The Radioprotection of the Child in Emergency Radiology. , 2016, , 377-395.		0
2360	Spezifische Diagnostik in der Kinderurologie. , 2016, , 1827-1845.		0
2361	A Report of 6th Epidemiological Training Workshop for Radiation Biologists. Japanese Journal of Health Physics, 2016, 51, 70-74.	0.1	1
2362	Revue Des Doses dÄ™Exposition Et Des Methode dÄ™Optimisation En Tomodensitometrie (TDM) De lâ™Enfant Au Togo. European Scientific Journal, 2016, 12, 56.	0.0	4
2363	Applications in radiology. Imaging in Medical Diagnosis and Therapy, 2016, , 183-210.	0.0	0
2364	Failure of Real-time Passive Notification about Radiation Exposure to Influence Physician Ordering Behavior. Cureus, 2016, 8, e695.	0.2	0
2365	Tumores del sistema nervioso central en poblaciÃ³n pediÄ¡trica entre 0 y 14 aÃ±os. Medunab, 2016, 19, 124-133.	0.0	0
2366	Anesthesia in the MRI Suite and for CT Scan. , 2017, , 205-219.		1
2367	Role of Computed Tomography in Pediatric Traumatic Brain Injury and its Correlation with Glasgow Coma Scale at Presentation. Annals of King Edward Medical University, 2016, 22, .	0.1	0
2368	Imaging of the Pediatric Brain. , 2017, , 243-267.		0
2369	Diagnostic and Clinical Management of Skull Fractures in Children. Journal of Clinical Imaging Science, 2016, 6, 47.	0.4	8
2372	A modern view on the effect of radiation exposure of patients during diagnostic evaluation of renal cell carcinoma and ways to avoid it. Problemy Radiatsiinoi Medytsyny Ta Radiobiolohii, 2017, 22, 69-78.	0.5	1
2373	C-reactive protein and radiographic findings of lower respiratory tract infection in infants. World Journal of Radiology, 2017, 9, 206.	0.5	1
2374	Diagnostic Imaging Principles and Applications in Head and Neck Pathology. , 2017, , 1-80.		0
2375	Craniosynostosis and Plagiocephaly. , 2017, , 91-131.		0
2376	Initial Imaging Considerations, Repeat Imaging Frequency. , 2017, , 61-83.		0
2377	Cell Phones and the Risk of Brain Cancer Mortality: A Twenty-Five Year Cross-Country Analysis. SSRN Electronic Journal, 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
2378	Lack of Risk Communication on Health Effects of Radiation and Countermeasure in Fukushima Prefecture and Japan After the Accident: On Health Effects Due to Radiation Based on Medical Evidence. Trends in the Sciences, 2017, 22, 4_19-4_27.	0.0	0
2379	Imaging of Complications After Limb Protheses Implantation in Children with Bone Tumors. Polski Przegląd Radiologii I Medycyny Nuklearnej, 2017, 82, 227-232.	1.0	3
2380	Imaging of the Pediatric Orbit. , 2018, , 551-621.		0
2381	Pediatric-Specific Point of Care US Management. , 2018, , 385-395.		0
2382	Evaluation of Tearing in Children. , 2018, , 469-477.		0
2383	Lymphoproliferative Disorders of the Skin. , 2018, , 35-52.		0
2384	Pediatric Orbital Inflammatory Disorders. , 2018, , 639-665.		0
2385	Second Neoplasms After Successful Treatment for Pediatric Central Nervous System Tumors. , 2018, , 595-624.		0
2386	Clinical predictors of intracranial injuries on CT in infants younger than 2 years old with mild traumatic brain injury. Oncotarget, 2017, 8, 92615-92620.	0.8	0
2387	Outline of NCRP Commentary No. 27 "Implications of Recent Epidemiologic Studies for the Linear Nonthreshold Model and Radiation Protection" Japanese Journal of Health Physics, 2018, 53, 47-64.	0.1	4
2388	Recent Topics in Epidemiology and Risk Estimation for Medical Exposures to Ionizing Radiation. Japanese Journal of Health Physics, 2018, 53, 136-145.	0.1	0
2389	Patterns and trends of Computed Tomography usage among pediatric and young adult patients in a private hospital in Rio de Janeiro, 2005-2015. Brazilian Journal of Radiation Sciences, 2018, 6, .	0.0	0
2390	The Importance of Neurological Examination For Computerized Brain Tomography Indication In Pediatric Emergency Room. Sisli Etfal Hastanesi Tip Bulteni, 2018, 54, 227-230.	0.1	1
2392	Positive impact of ultrasound in management of acute appendicitis in children. Medical News of North Caucasus, 2018, 13, .	0.0	0
2393	Transcatheter device closure of atrial septal defect guided by totally transthoracic echocardiography, a single cardiac center experience on 152 cases. Anatolian Journal of Cardiology, 2018, 20, 330-335.	0.5	8
2394	SchÄdel-Hirn-Trauma bei Kindern. , 2018, , 609-628.		0
2395	Kalottentumoren bei Kindern. , 2018, , 503-514.		0
2396	Clinical Imaging of Spinal Trauma. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
2397	Intérêt clinique des concentrations sériques de la protéine S100 β dans l'évaluation des patients traumatisés crâniens. Annales Francaises De Medecine D'Urgence, 2018, 8, 172-177.	0.0	1
2398	Consideration about Radiological Technology Students' Frequent Workers Exposure Dose Rate. Bangsaseon Gisul Gwahak, 2018, 41, 573-580.	0.1	1
2399	Sleep-Related Breathing Disorders. , 2019, , 67-80.		0
2400	Clinical Significance of Low-Level Radiation Exposure in Mammalian Radiobiology Investigated by Radon (Rn222) Dissolved Water Intake in a Dog. Journal of Cancer Research Updates, 0, 7, 134-137.	0.3	1
2401	Infantile Radiation and Aging Stresses: Effects of Calorie and Dietary Restrictions. , 2019, , 355-369.		0
2402	Radiation Risk and Radiation Protection in Paediatric Radiology. , 2019, , 3-8.		1
2403	The influence of the iodinate contrast medium during CT: Single center experience - Development of two competitive in-house methods for automated quantification of DDSB. Makedonsko Farmaceutski Bilten, 2019, 65, 27-38.	0.0	0
2404	Impact of Low-Dose Computed Tomography on Computed Tomography Orders and Scan Length. Ochsner Journal, 2019, 19, 303-308.	0.5	0
2406	Pediatric Patient Surface Model Atlas Generation and X-Ray Skin Dose Estimation. Informatik Aktuell, 2019, , 122-127.	0.4	0
2407	Pathology and Histopathology Evaluations of Biomaterials and Medical Devices. , 2019, , 339-400.		0
2408	Criteria for Acquisition of Computed Tomography in Mild Head Injury. Japanese Journal of Neurosurgery, 2019, 28, 629-636.	0.0	0
2409	Specific Problems of Paediatric Radiology. , 2019, , 13-23.		0
2410	Successful totally transthoracic echocardiography guided transcatheter device closure of atrial septal defect in pregnant women. World Journal of Clinical Cases, 2019, 7, 734-741.	0.3	0
2412	On the overdiagnosis and overtreatment of thyroid carcinoma after the Chernobyl accident. Kliničeska i Eksperimentalna Tireoidologija, 2018, 14, 210-213.	0.1	0
2413	Appropriateness of pediatric CT utilization in clinical practice. The Asean Journal of Radiology, 2019, 20, 4-17.	0.1	0
2414	Appropriateness of pediatric CT utilization in clinical practice. The Asean Journal of Radiology, 2019, , 4-17.	0.1	0
2415	Imaging and Monitoring in Pediatric Acute Respiratory Distress Syndrome. , 2020, , 47-61.		0
2416	Adenoidectomy and Sinus Lavage. , 2020, , 203-210.		0

#	ARTICLE	IF	CITATIONS
2417	Rhinosinusitis and Asthma in Children. , 2020, , 95-106.		0
2418	Ferumoxytol-enhanced MRI for surveillance of pediatric cerebral arteriovenous malformations. Journal of Neurosurgery: Pediatrics, 2019, 24, 407-414.	0.8	4
2419	Effects of Radioactive Cesium-Containing Water on Mice. , 2020, , 221-235.		1
2420	Análise Parcial do Conhecimento Médico Acerca de Indicação de Tomografia Computadorizada no Trauma Crânio Encefálico Infantil. Jbnc - Jornal Brasileiro De Neurocirurgia, 2020, 30, 13-24.	0.0	0
2421	CT Practice Monitoring. , 2020, , 199-220.		0
2422	Conservative Treatment of Congenital Clinical Anophthalmia. , 2020, , 231-241.		1
2423	The effect of introducing Pediatric Emergency Care Applied Research Network (PECARN) rule on reducing brain computed tomography use for children with minor head injury. Pediatric Emergency Medicine Journal, 2019, 6, 63-68.	0.1	2
2424	Biochemical Effect of Low-Level Radiation on Human Beings Examined by Directly Attached Radioactive Mineral. Journal of Cancer Research Updates, 0, 8, 60-63.	0.3	0
2426	Unilateral Coronal Craniosynostosis. , 2020, , 1425-1460.		0
2427	Outcomes of Children Who Present to the Emergency Department After Hematopoietic Cell Transplantation. Pediatric Emergency Care, 2020, Publish Ahead of Print, .	0.5	0
2428	Patterns and trends of pediatric and young adult computed tomography use in Brazil: 2008-2014. Brazilian Journal of Radiation Sciences, 2020, 8, .	0.0	0
2429	Effects of Low-Dose Gamma-Ray Radiation on Apoptosis and Development of Zebrafish Embryo Brain. Radiation Research, 2020, 194, 61.	0.7	7
2430	The Value of Low-dose Prospective Dual-energy Computed Tomography with Iodine Mapping in the Diagnosis of Gastric Cancer. Current Medical Imaging, 2020, 16, 433-437.	0.4	1
2431	Whole-body computed tomography is safe, effective and efficient in the severely injured hemodynamically unstable trauma patient. , 2020, 51, e4054362.		4
2432	Comparative and retrospective evaluation of the predictive performance of optic nerve sheath thickness and optic nerve sheath diameter for traumatic brain injury using facial computed tomography. Clinical and Experimental Emergency Medicine, 2020, 7, 122-130.	0.5	1
2433	Benign Intracranial Lesions - Radiotherapy: An Overview of Treatment Options, Indications and Therapeutic Results. Reviews on Recent Clinical Trials, 2020, 15, 93-121.	0.4	2
2434	The Challenges and Rewards of Low-dose Irradiation Experiments. Radioisotopes, 2020, 69, 199-206.	0.1	0
2435	Are Complex Skull Fractures Indicative of Either Child Abuse or Major Trauma in the Era of 3-Dimensional Computed Tomography Imaging?. Pediatric Emergency Care, 2020, Publish Ahead of Print, .	0.5	3

#	ARTICLE	IF	CITATIONS
2436	Efficacy of routine post-operative head computed tomography on cranial surgery patients outcome. Journal of King Abdulaziz University, Islamic Economics, 2020, 25, 281-286.	0.5	1
2437	Specific Issues in Pediatric Periocular Trauma. , 2021, , 1165-1190.		0
2438	Value of using adaptive statistical iterative reconstruction-V (ASIR-V) technology in pediatric head CT dose reduction. Egyptian Journal of Radiology and Nuclear Medicine, 2020, 51, .	0.3	0
2439	Image-Based Evaluation of Irradiation Effects in Brain Tissues by Measuring Absolute Electrical Conductivity Using MRI. Cancers, 2021, 13, 5490.	1.7	2
2440	Identification of children with first afebrile seizure for whom neuroimaging is unnecessary. Seizure: the Journal of the British Epilepsy Association, 2021, 93, 140-144.	0.9	4
2441	Safety During Ureteroscopy: Radiation, Eyes, and Ergonomics. Frontiers in Surgery, 2021, 8, 737337.	0.6	8
2442	Trends in Intracranial Glioma Incidence and Mortality in the United States, 1975-2018. Frontiers in Oncology, 2021, 11, 748061.	1.3	40
2443	Pediatric and Adolescent Sports Concussions. , 2020, , .		0
2446	Preclinical study of genuine essiac formula: A cancer treatment eight-herbs' tea minimizes DNA insult of X-rays. Clinical Cancer Investigation Journal, 2020, 9, 126.	0.2	0
2448	Assessment of radiation dose delivered and volume measurement by low- and high-dose diagnostic computed tomography: Anthropomorphic liver phantom study. Indian Journal of Nuclear Medicine, 2020, 35, 310.	0.1	0
2449	Abdominal ultrasonographic manifestations in pediatric patients with tuberous sclerosis complex. Translational Pediatrics, 2020, 9, 757-767.	0.5	1
2450	Establishment of Diagnostic Reference Levels for Computed Tomography Scanning in Hamadan. Journal of Biomedical Physics and Engineering, 2020, 10, 792-800.	0.5	2
2451	Low Concordance Between Pediatric Emergency Attendings and Pediatric Residents for Predictors of Serious Intracranial Injury. Pediatric Emergency Care, 2020, Publish Ahead of Print, .	0.5	1
2452	Evaluation of the lifetime brain/central nervous system cancer risk associated with childhood head <sc>CT</sc> scanning in Japan. International Journal of Cancer, 2021, 148, 2429-2439.	2.3	7
2453	EVALUATION OF ORGAN DOSE BASED ON PATIENT DATA IN EAST ASIAN DESCENT PEDIATRIC HEAD CT EXAMINATIONS. Radiation Protection Dosimetry, 2020, 192, 335-340.	0.4	1
2454	Minimizing radiation dose in management of stone disease: how to achieve â€~ALARAâ€™™. Current Opinion in Urology, 2021, 31, 115-119.	0.9	6
2455	Rates of Presentation, Treatments and Serious Neurologic Disorders Among Children and Young Adults Presenting to US Emergency Departments With Headache. Journal of Child Neurology, 2021, 36, 475-481.	0.7	2
2456	Functional respiratory imaging provides novel insights into the long-term respiratory sequelae of bronchopulmonary dysplasia. European Respiratory Journal, 2021, 57, 2002110.	3.1	5

#	ARTICLE	IF	CITATIONS
2457	Trends of computed tomography use among children in Finland. <i>European Journal of Radiology Open</i> , 2020, 7, 100290.	0.7	3
2458	Image Gently: Approach to Pediatric Imaging. , 2014, , 79-82.		0
2459	Interobserver agreement for the direct and indirect signs of pulmonary embolism evaluated using contrast enhanced magnetic angiography. <i>European Journal of Radiology Open</i> , 2020, 7, 100256.	0.7	2
2460	Single-pass Whole-body vs Organ-selective Computed Tomography for Trauma—Timely Diagnosis vs Radiation Exposure: An Observational Study. <i>Panamerican Journal of Trauma Critical Care & Emergency Surgery</i> , 2020, 9, 26-31.	0.0	1
2461	Laser Scanning in Maxillofacial Surgery. , 2020, , 195-207.		1
2462	A Case of Single-Port Appendectomy for Acute Appendicitis in a 20-Week Pregnant Woman. <i>Nihon Daicho Komonbyo Gakkai Zasshi</i> , 2020, 73, 252-257.	0.1	0
2463	Using Liquid Biopsy in the Treatment of Patient with OS. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1257, 95-105.	0.8	5
2465	Tumeurs cÃ©rÃ©brales, gliomes malins. , 2020, , 227-237.e2.		0
2466	OUP accepted manuscript. <i>Radiation Protection Dosimetry</i> , 2020, 188, 522-528.	0.4	2
2468	Uso de la tomografÃa corporal total en pacientes con trauma grave. <i>Revista Colombiana De Cirugia</i> , 2020, 35, 84-92.	0.2	1
2469	The Use of Rapid Sequence Magnetic Resonance Imaging of the Brain as a Screening Tool for the Detection of Gross Intracranial Pathology in Children Presenting to the Emergency Department With a Chief Complaint of Persistent or Recurrent Headaches. <i>Pediatric Emergency Care</i> , 2021, 37, e660-e663.	0.5	0
2470	Assessment of knowledge and perceptions of medical radiation among caregivers and adolescent patients in the paediatric emergency department. <i>Singapore Medical Journal</i> , 2020, , .	0.3	1
2471	Determining the Minimal Required Ultra-Low-Dose CT Dose Level for Reliable Attenuation Correction of ¹⁸ F-FDG PET/CT: A Phantom Study. <i>Journal of Nuclear Medicine Technology</i> , 2022, 50, 126-131.	0.4	0
2472	A Review of Organ Dose Calculation Tools for Patients Undergoing Computed Tomography Scans. <i>Journal of Radiation Protection and Research</i> , 2021, 46, 151-159.	0.3	3
2473	Pediatric craniostylosis computed tomography: an institutional experience in reducing radiation dose while maintaining diagnostic image quality. <i>Pediatric Radiology</i> , 2022, 52, 85-96.	1.1	4
2474	Melatonin a Promising Candidate for DNA Double-Stranded Breaks Reduction in Patients Undergoing Abdomen-Pelvis Computed Tomography Examinations. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 859-864.	0.9	2
2478	Pediatric Thoracic Trauma. , 2015, , 43-64.		1
2479	Radiation in Pediatric Imaging: A Primer for Pediatricians. <i>Pediatric Annals</i> , 2020, 49, e370-e373.	0.3	0

#	ARTICLE	IF	CITATIONS
2480	Clinical CFD Applications 2. Biological and Medical Physics Series, 2021, , 225-253.	0.3	1
2481	Contrast-Enhanced Ultrasound in Childhood Pneumonia. , 2021, , 175-189.		0
2482	Cost-Effectiveness of CEUS in Pediatric Practice. , 2021, , 259-263.		0
2486	Evaluation of Effects of Diagnostic Exposure Using Data from Epidemiological Registry of Ozyorsk Population Exposed to Computed Tomography. Medical Radiology and Radiation Safety, 2020, 65, 65-79.	0.0	1
2487	Pediatric solid organ injury – frequency of abdominal imaging is determined by the treating department. Medicine (United States), 2020, 99, e23057.	0.4	3
2488	Progressive Postnatal Pansynostosis in Crouzon Syndrome. Journal of Craniofacial Surgery, 2021, 32, e62-e64.	0.3	1
2489	Non-Bronchoscopic Assessment of the Airways. Respiratory Medicine, 2021, , 155-169.	0.1	0
2490	Neuroimaging patterns of anatomical features in pediatric cerebral palsy patients at Ayder hospital, Mekelle, Ethiopia. PLoS ONE, 2020, 15, e0241436.	1.1	2
2491	Modular cervical plate system for adjacent segment disease. Journal of Neurosurgical Sciences, 2020, 64, 427-433.	0.3	2
2492	Impact of routine S100B protein assay on CT scan use in children with mild traumatic brain injury. Clinical Chemistry and Laboratory Medicine, 2021, 59, 875-882.	1.4	4
2493	ROLE OF AYURVEDA IN PREVENTION OF PEDIATRIC CANCER. International Ayurvedic Medical Journal, 2020, 8, 4788-4793.	0.0	0
2494	PET/MR in oncology: an introduction with focus on MR and future perspectives for hybrid imaging. American Journal of Nuclear Medicine and Molecular Imaging, 2012, 2, 458-74.	1.0	44
2495	Exposure of patients to ionizing radiation. What are the risks?. Hawai'i Journal of Medicine & Public Health: A Journal of Asia Pacific Medicine & Public Health, 2012, 71, 309.	0.4	0
2496	Diagnostic imaging of the throwing athlete's shoulder. International Journal of Sports Physical Therapy, 2013, 8, 641-51.	0.5	1
2497	Clinical oncologic applications of PET/MRI: a new horizon. American Journal of Nuclear Medicine and Molecular Imaging, 2014, 4, 202-12.	1.0	54
2498	Hybrid PET/MR imaging in two sarcoma patients - clinical benefits and implications for future trials. International Journal of Clinical and Experimental Medicine, 2014, 7, 640-8.	1.3	26
2499	Correlation between X-ray cross-complementing group 1 polymorphisms and the onset risk of glioma: A meta-analysis. Neural Regeneration Research, 2013, 8, 2468-77.	1.6	2
2500	Pilot study for the establishment of biomarkers for radiation damage after computed tomography in children. Hawai'i Journal of Medicine & Public Health: A Journal of Asia Pacific Medicine & Public Health, 2015, 74, 112-9.	0.4	1

#	ARTICLE	IF	CITATIONS
2502	Working Face-to-Face for Pediatric CT Dose Reduction: A Community Toolkit. <i>Diagnostic Imaging Europe</i> , 2016, 32, 10-13.	0.0	0
2503	Transcatheter Cryoablation Procedures without Fluoroscopy in Pediatric Patients with Atrioventricular Nodal Reentrant Tachycardia: A Single-Center Experience. <i>Acta Cardiologica Sinica</i> , 2018, 34, 337-343.	0.1	16
2504	Pediatric Trauma Update. <i>Missouri Medicine</i> , 2018, 115, 438-442.	0.3	2
2505	Zero Fluoroscopy During Ablation of Right-Sided Supraventricular Tachycardia Substrates in a Pediatric Population - Initial Experience in Taiwan. <i>Acta Cardiologica Sinica</i> , 2019, 35, 476-483.	0.1	5
2506	Ultrasonography in Detection of Renal Calculi in Children; a Systematic Review and Meta-analysis. <i>Archives of Academic Emergency Medicine</i> , 2019, 7, e66.	0.2	3
2507	Association of spina bifida with cancer. <i>Translational Andrology and Urology</i> , 2020, 9, 2358-2369.	0.6	0
2508	3D pediatric cranial bone imaging using high-resolution MRI for visualizing cranial sutures: a pilot study. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, , 1-7.	0.8	4
2509	Addressing Key Clinical Care and Clinical Research Needs in Severe Pediatric Traumatic Brain Injury: Perspectives From a Focused International Conference. <i>Frontiers in Pediatrics</i> , 2020, 8, 594425.	0.9	4
2510	KNOWLEDGE ABOUT RISK AND PROTECTIVE MEASURES RELATED TO DIAGNOSTIC RADIATION AMONG MEDICAL STAFF IN TEACHING HOSPITALS (WASIT PROVINCE). <i>Wiadomości Lekarskie</i> , 2021, 74, 2345-2351.	0.1	3
2511	Effects of low dose ionizing radiation on the brain- a functional, cellular, and molecular perspective. <i>Toxicology</i> , 2022, 465, 153030.	2.0	10
2512	The Epidemiology of Central Nervous System Tumors. <i>Hematology/Oncology Clinics of North America</i> , 2022, 36, 23-42.	0.9	15
2513	Establishment of diagnostic reference level for computed tomography of head pediatrics in Morocco: A pilot study. <i>Materials Today: Proceedings</i> , 2021, , .	0.9	1
2514	Simplified Clinical Decision Rule Using Clinically Important Events for Risk Prediction in Pediatric Head Injury: A Retrospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5248.	1.0	1
2515	Variation in tube voltage for pediatric neck 64VCT: Effect on radiation dose and image quality. <i>PLoS ONE</i> , 2021, 16, e0259772.	1.1	1
2516	Image quality in liver CT: low-dose deep learning vs standard-dose model-based iterative reconstructions. <i>European Radiology</i> , 2022, 32, 2865-2874.	2.3	26
2517	Studies on the radiation dose, image quality and low contrast detectability from MSCT abdomen by using low tube voltage. <i>Egyptian Journal of Radiology and Nuclear Medicine</i> , 2021, 52, .	0.3	2
2518	Commentary: A New Way to Gauge Pectus Severity. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.4	0
2519	Relevance of Routine Abdominopelvic Ultrasound in Suspected Child Abuse in Children Under 2 years of Age: Review of 15 years of Experience. <i>Child Maltreatment</i> , 2021, , 107755952110547.	2.0	2

#	ARTICLE	IF	CITATIONS
2520	Human exposure to low dose ionizing radiation affects miR-21 and miR-625 expression levels. <i>Molecular Biology Reports</i> , 2022, 49, 1321-1327.	1.0	5
2521	The Influence of Mesenteric Defects Closure on the Use of Computed Tomography for Abdominal Pain 5 Years After Laparoscopic Gastric Bypass—a Post Hoc Analysis of a Randomized Clinical Trial. <i>Obesity Surgery</i> , 2022, 32, 266-272.	1.1	3
2522	Navigation and non-navigation CT scan of the sinuses: Comparison of the effective doses of radiation in children and adults. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2021, 50, 66.	0.9	4
2523	Are We Overdoing It? Changes in Diagnostic Imaging Workload during the Years 2010–2020 including the Impact of the SARS-CoV-2 Pandemic. <i>Healthcare (Switzerland)</i> , 2021, 9, 1557.	1.0	33
2524	Pediatric PET/MRI Neuroimaging: Overview. , 2022, , 737-740.		0
2525	Predicting factors for abnormal brain computed tomography in children with minor head trauma. <i>BMC Emergency Medicine</i> , 2021, 21, 142.	0.7	0
2526	Comparison of 100-Kilovoltage Tin Filtration With Advanced Modeled Iterative Reconstruction Protocol to an Automated Kilovoltage Selection With Filtered Back Projection Protocol on Radiation Dose and Image Quality in Pediatric Noncontrast-Enhanced Chest Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2021, Publish Ahead of Print, 64-70.	0.5	2
2527	Quantitative Assessment of Renal Function In Children with UPJO By Contrast-enhanced Ultrasound: A Pilot Study. <i>Journal of Pediatric Urology</i> , 2021, , .	0.6	2
2528	The Critical Role of Lumped Parameter Models in Patient-Specific Cardiovascular Simulations. <i>Archives of Computational Methods in Engineering</i> , 2022, 29, 2977-3000.	6.0	16
2529	CT Examinations for COVID-19: A Systematic Review of Protocols, Radiation Dose, and Numbers Needed to Diagnose and Predict. <i>Journal of the Korean Society of Radiology</i> , 2021, 82, 1505.	0.1	2
2530	National Trends in Pediatric CT Scans in South Korea: A Nationwide Cohort Study. <i>Journal of the Korean Society of Radiology</i> , 2022, 83, 138.	0.1	0
2531	CT - The Workhorse Head and Neck Imaging Modality. , 2021, , 27-35.		0
2533	Pediatric scapular fractures and associated injuries following blunt chest trauma. <i>American Journal of Emergency Medicine</i> , 2022, 52, 196-199.	0.7	1
2534	Pediatric Fever of Unknown Origin. <i>Pediatrics in Review</i> , 2015, 36, 380-391.	0.2	14
2535	The Human Capital Cost of Radiation: Long-Run Evidence from Exposure Outside the Womb. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2536	3D pediatric cranial bone imaging using high-resolution MRI for visualizing cranial sutures: a pilot study. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 26, 311-317.	0.8	13
2537	Magnetic Resonance Imaging Availability Reduces Computed Tomography Use for Pediatric Appendicitis Diagnosis. <i>Pediatric Emergency Care</i> , 2022, 38, e219-e224.	0.5	6
2538	Association of spina bifida with cancer. <i>Translational Andrology and Urology</i> , 2020, 9, 2358-2369.	0.6	3

#	ARTICLE	IF	CITATIONS
2539	<i>Image Gently</i> Approach to Pediatric Imaging. , 2021, , .		0
2540	Nondestructive versus advanced postâ€transplant lymphoproliferative disorder in a singleâ€center pediatric kidney transplant population. <i>Pediatric Transplantation</i> , 2022, , e14238.	0.5	1
2541	Validation of Pediatric Emergency Care Applied Research Network (PECARN) rule in children with minor head trauma. <i>PLoS ONE</i> , 2022, 17, e0262102.	1.1	2
2542	Sinogenic orbital complications. <i>Deutsches A&#x0308;rztblatt International</i> , 2022, , .	0.6	6
2544	Head CT dose reduction with organâ€based tube current modulation. <i>Medical Physics</i> , 2022, 49, 1964-1971.	1.6	4
2545	Review of the risk of cancer following low and moderate doses of sparsely ionising radiation received in early life in groups with individually estimated doses. <i>Environment International</i> , 2022, 159, 106983.	4.8	34
2546	PURSUIING OPTIMAL RADIATION DOSE IN PEDIATRIC CARDIAC CT: A REPORT FROM UNIVERSITY HOSPITAL LEUVEN. <i>Radiation Protection Dosimetry</i> , 2022, 198, 139-146.	0.4	2
2547	External validation of a pediatric decision rule for blunt abdominal trauma. <i>Journal of the American College of Emergency Physicians Open</i> , 2022, 3, e12623.	0.4	3
2548	Quantifying cancer risk from exposures to medical imaging in the Risk of Pediatric and Adolescent Cancer Associated with Medical Imaging (RIC) Study: research methods and cohort profile. <i>Cancer Causes and Control</i> , 2022, 33, 711-726.	0.8	5
2549	MRI evaluation of pediatric tibial eminence fractures: comparison between conventional and â€CT-likeâ€ ultrashort echo time (UTE) images. <i>Skeletal Radiology</i> , 2022, 51, 1603-1610.	1.2	2
2550	Radiation dose reduction for chest radiography of infants in intensive care units using a high peak kilovoltage-technique. <i>Pediatric Radiology</i> , 2022, , 1.	1.1	0
2552	High-field magnetic resonance imaging: Challenges, advantages, and opportunities for novel contrast agents. <i>Chemical Physics Reviews</i> , 2022, 3, .	2.6	6
2554	Low-Dose Abdominal CT for Evaluating Suspected Appendicitis in Adolescents and Young Adults: Review of Evidence. <i>Korean Journal of Radiology</i> , 2022, 23, 517.	1.5	5
2555	Deep learning-assisted PET imaging achieves fast scan/low-dose examination. <i>EJNMMI Physics</i> , 2022, 9, 7.	1.3	14
2556	Examining the Role of Early Diagnostic Imaging for Craniosynostosis in the Era of Endoscopic Suturectomy. <i>Journal of Craniofacial Surgery</i> , 2022, Publish Ahead of Print, .	0.3	0
2557	Is Detection of Relapse by Surveillance Imaging Associated With Longer Survival in Patients With Rhabdomyosarcoma?. <i>Journal of Pediatric Hematology/Oncology</i> , 2022, Publish Ahead of Print, .	0.3	6
2558	Usefulness of renal diffusion-weighted magnetic resonance imaging for early diagnosis of tubulointerstitial nephritis and uveitis (TINU) syndrome. <i>BMJ Case Reports</i> , 2022, 15, e246434.	0.2	2
2559	Impact of deep learning-based image reconstruction on image quality compared with adaptive statistical iterative reconstruction-Veo in renal and adrenal computed tomography. <i>Journal of X-Ray Science and Technology</i> , 2022, 30, 409-418.	0.7	2

#	ARTICLE	IF	CITATIONS
2560	A deep learning algorithm to identify cervical ossification of posterior longitudinal ligaments on radiography. <i>Scientific Reports</i> , 2022, 12, 2113.	1.6	4
2561	Addressing Key Clinical Care and Clinical Research Needs in Severe Pediatric Traumatic Brain Injury: Perspectives From a Focused International Conference. <i>Frontiers in Pediatrics</i> , 2020, 8, 594425.	0.9	8
2563	A phantom study using dual-energy spectral computed tomography imaging: Comparison of image quality between two adaptive statistical iterative reconstruction (ASiR, ASiR-V) algorithms for evaluating ground-glass nodules of the lung. <i>Journal of Cancer Research and Therapeutics</i> , 2021, 17, 1742.	0.3	0
2564	Spezifische Diagnostik in der Kinderurologie. <i>Springer Reference Medizin</i> , 2021, , 1-19.	0.0	0
2565	Effects of ionizing radiation on reproduction and development. , 2022, , 307-336.		1
2566	Analysis of the appropriateness of orthopaedic computed tomography scans as exemplified by lower extremity bones and joints. <i>Polish Journal of Radiology</i> , 2022, 87, 69-78.	0.5	1
2567	Quantitative ultrasonographic diagnostics for midface and mandible fractures. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2022, 123, e588-e592.	0.5	2
2568	Positron Emission Tomography Molecular Imaging for Phenotyping and Management of Lymphoma. <i>Phenomics</i> , 2022, 2, 102-118.	0.9	8
2569	Radiation Dose Reduction for 80-kVp Pediatric CT Using Deep Learning-Based Reconstruction: A Clinical and Phantom Study. <i>American Journal of Roentgenology</i> , 2022, 219, 315-324.	1.0	16
2570	Childhood cancer risks estimates following CT scans: an update of the French CT cohort study. <i>European Radiology</i> , 2022, 32, 5491-5498.	2.3	17
2571	Influence of cellular models and individual factor in the biological response to chest CT scan exams. <i>European Radiology Experimental</i> , 2022, 6, 14.	1.7	3
2572	Magnetic Resonance Imaging in (Near-)Term Infants with Hypoxic-Ischemic Encephalopathy. <i>Diagnostics</i> , 2022, 12, 645.	1.3	19
2573	The natural history of prenatally diagnosed congenital pulmonary airway malformations and bronchopulmonary sequestrations. <i>Journal of Pediatric Surgery</i> , 2022, 57, 282-287.	0.8	8
2574	MRI lung lobe segmentation in pediatric cystic fibrosis patients using a recurrent neural network trained with publicly accessible CT datasets. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 391-405.	1.9	4
2575	Methodological Basis of Nuclear Medicine in Pediatric. <i>Journal of Oncology Diagnostic Radiology and Radiotherapy</i> , 2022, 5, 18-36.	0.1	1
2576	Human-level COVID-19 diagnosis from low-dose CT scans using a two-stage time-distributed capsule network. <i>Scientific Reports</i> , 2022, 12, 4827.	1.6	12
2577	Cephalometric measurements performed on CBCT and reconstructed lateral cephalograms: a cross-sectional study providing a quantitative approach of differences and bias. <i>BMC Oral Health</i> , 2022, 22, 98.	0.8	10
2578	Factors affecting utilization of CT scan following ultrasound evaluation of suspected appendicitis. <i>Journal of Osteopathic Medicine</i> , 2022, 122, 313-318.	0.4	3

#	ARTICLE	IF	CITATIONS
2579	Esposizioni radiodiagnostiche in et� evolutiva. Medico E Bambino, 2022, 41, 161-167.	0.1	0
2580	Racial and ethnic differences in low�value pediatric emergency care. Academic Emergency Medicine, 2022, 29, 698-709.	0.8	9
2581	Radiation safety for cardiovascular computed tomography imaging in paediatric cardiology: a joint expert consensus document of the EACVI, ESCR, AEPC, and ESPR. European Heart Journal Cardiovascular Imaging, 2022, 23, e279-e289.	0.5	14
2582	Cancer risks among studies of medical diagnostic radiation exposure in early life without quantitative estimates of dose. Science of the Total Environment, 2022, 832, 154723.	3.9	17
2583	Neuroimaging for Pediatric Non-First-Time Seizures in the Emergency Department. Neurology: Clinical Practice, 0, , 10.1212/CPJ.0000000000001165.	0.8	0
2584	Keep it Simple, Laboratory Parameters to Predict Complicated Acute Appendicitis in Children Younger Than Five Years. American Surgeon, 2023, 89, 1851-1856.	0.4	3
2585	Machine Learning�Driven Clinical Image Analysis to Identify Craniosynostosis: A Pilot Study of Telemedicine and Clinic Patients. Neurosurgery, 2022, Publish Ahead of Print, .	0.6	4
2586	Bronchiectasis in Childhood. Clinics in Chest Medicine, 2022, 43, 71-88.	0.8	9
2587	Optimising whole body computed tomography doses for paediatric trauma patients: a Swiss retrospective analysis. Journal of Radiological Protection, 2022, 42, 021521.	0.6	3
2588	Influence of cellular models and individual factor in the biological response to head CT scan exams. European Radiology Experimental, 2022, 6, 17.	1.7	1
2589	Radiation Dose Management in Pediatric Brain CT According to Age and Weight as Continuous Variables. Tomography, 2022, 8, 985-998.	0.8	7
2590	Patterns, outcomes, and risk factors of mild head injuries in children: do we know enough?. Health & Research Journal, 2022, 8, 109-122.	0.0	1
2591	Comparison of CT and adjusted MRI for evaluating paranasal sinuses surgical key landmarks. Rhinology, 2022, .	0.2	0
2592	Diagnostic reference levels for chest computed tomography in children as a function of patient size. Pediatric Radiology, 2022, 52, 1446-1455.	1.1	3
2593	Vibrational Spectroscopy for the Triage of Traumatic Brain Injury Computed Tomography Priority and Hospital Admissions. Journal of Neurotrauma, 2022, 39, 773-783.	1.7	3
2594	Dynamic pulmonary <scp>MRI</scp> using motion�state weighted motion�compensation (<scp>MostMoCo</scp>) reconstruction with ultrashort <scp>TE</scp>: A structural and functional study. Magnetic Resonance in Medicine, 2022, 88, 224-238.	1.9	5
2595	Low and high doses of ionizing radiation evoke discrete global (phospho)proteome responses. DNA Repair, 2022, 113, 103305.	1.3	4
2596	High-performance reconstruction of CT medical images by using out-of-core methods in GPU. Computer Methods and Programs in Biomedicine, 2022, 218, 106725.	2.6	2

#	ARTICLE	IF	CITATIONS
2597	Contemporary Role of Computed Tomography in Managing Pediatric Primary Spontaneous Pneumothorax. <i>Journal of Surgical Research</i> , 2022, 276, 256-260.	0.8	1
2598	Residential road traffic and railway noise and risk of childhood cancer: A nationwide register-based case-control study in Denmark. <i>Environmental Research</i> , 2022, 212, 113180.	3.7	5
2599	Low Dose CT Noise Artifact Reduction Based on Multi-scale Weighted Convolutional Coding Network. , 2021, , .		1
2600	Barriers and facilitators of CT scan reduction in the workup of pediatric appendicitis: A pediatric surgical quality collaborative qualitative study. <i>Journal of Pediatric Surgery</i> , 2022, 57, 582-588.	0.8	7
2601	Ionization Radiation Shielding Effectiveness of Lead Acetate, Lead Nitrate, and Bismuth Nitrate-Doped Zinc Oxide Nanorods Thin Films: A Comparative Evaluation. <i>Materials</i> , 2022, 15, 3.	1.3	4
2602	Reference phantom selection in pediatric computed tomography using data from a large, multicenter registry. <i>Pediatric Radiology</i> , 2022, 52, 445-452.	1.1	8
2603	First afebrile seizures: Clinical and radiological view with emergent testing. <i>Pediatrics International</i> , 2022, 64, .	0.2	0
2605	Possibilities of the ultrasonography in the diagnosis of craniosynostosis in children of the first year of life. <i>Rossiyskiy Vestnik Perinatologii I Pediatrii</i> , 2021, 66, 127-134.	0.1	2
2606	Updates in the Diagnostic Approach of Headache. <i>Current Pain and Headache Reports</i> , 2021, 25, 80.	1.3	9
2607	Polymorphisms Within DNA Double-Strand Breaks Repair-Related Genes Contribute to Structural Chromosome Abnormality in Recurrent Pregnancy Loss. <i>Frontiers in Genetics</i> , 2021, 12, 787718.	1.1	2
2608	Pediatric chronic sinusitis: diagnosis and management. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2022, 30, 68-77.	0.8	1
2609	Radiation dose reduction method combining the ECG-Edit function and high helical pitch in retrospectively-gated CT angiography. <i>Radiography</i> , 2022, 28, 766-771.	1.1	2
2611	Early routine (erCT) versus selective computed tomography (sCT) for acute abdominal pain: A systematic review and meta-analysis of randomised trials. <i>International Journal of Surgery</i> , 2022, 101, 106622.	1.1	4
2612	Cost-Effectiveness analysis of combining plasma Epstein-Barr virus DNA testing and different surveillance imaging modalities for nasopharyngeal carcinoma patients in first remission. <i>Oral Oncology</i> , 2022, 128, 105851.	0.8	2
2618	Cost-effectiveness of patient observation on cranial CT use with minor head trauma. <i>Archives of Disease in Childhood</i> , 2022, 107, 712-718.	1.0	0
2619	JCS 2021 Guideline on Radiation Safety in Cardiology. <i>Circulation Journal</i> , 2022, 86, 1148-1203.	0.7	7
2621	Relationship between Exposure to Low Dose of x-ray and DNA Hypomethylation in Solid Tumors and Hematological Malignancies. <i>Biomedical and Environmental Sciences</i> , 2020, 33, 528-537.	0.2	1
2624	Second Primary Neoplasms in Retinoblastoma: Effect of Gene and Environment. , 2022, , 7941-7952.		0

#	ARTICLE	IF	CITATIONS
2625	Modulation of Secondary Cancer Risks from Radiation Exposure by Sex, Age and Gonadal Hormone Status: Progress, Opportunities and Challenges. <i>Journal of Personalized Medicine</i> , 2022, 12, 725.	1.1	5
2626	The Fight Just Born—Neonatal Cancer: Rare Occurrence with a Favorable Outcome but Challenging Management. <i>Cancers</i> , 2022, 14, 2244.	1.7	0
2627	Systematic Review of <sc>CT</sc> Angiography in Guiding Management in Pediatric Oropharyngeal Trauma. <i>Laryngoscope</i> , 2022, , .	1.1	0
2628	Therapeutic strategies in Crohn's disease in an emergency surgical setting. <i>World Journal of Gastroenterology</i> , 2022, 28, 1902-1921.	1.4	4
2629	Epidemiology of Glioblastoma Multiforme—Literature Review. <i>Cancers</i> , 2022, 14, 2412.	1.7	141
2630	Virtual Surgical Planning (VSP) in Craniomaxillofacial Reconstruction. <i>Facial Plastic Surgery Clinics of North America</i> , 2022, 30, 239-253.	0.9	12
2632	PET/MRI in Pediatric Neuroimaging: Primer for Clinical Practice. <i>American Journal of Neuroradiology</i> , 2022, 43, 938-943.	1.2	2
2633	Non-ionizing Imaging for the Emergency Department Assessment of Pediatric Minor Head Trauma. <i>Frontiers in Pediatrics</i> , 2022, 10, .	0.9	1
2634	MRCO-Net: Multiscale reweighted convolutional coding neural network for low-dose CT imaging. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 221, 106851.	2.6	6
2635	Dose Optimization and Risk Management in Pediatric CT. , 2021, , 429-441.		0
2636	Crohn's Disease of the Small Bowel. , 2015, , 725-755.		0
2637	Comparison of risk factors between traumatic brain injury and non-traumatic brain injury. <i>Nihon Kyokyo Igakukai Zasshi</i> , 2017, 28, 259-267.	0.0	0
2638	Frequency Domain Filtering Based Compressed Sensing Applied on Sparse-angle CT Image Reconstruction. , 2022, , .		0
2639	The association between hematologic parameters and intracranial injuries in pediatric patients with traumatic brain injury. <i>Brain Injury</i> , 0, , 1-10.	0.6	1
2640	Adaptive Proton Therapy of Pediatric Head and Neck Cases Using MRI-Based Synthetic CTs: Initial Experience of the Prospective KiAPT Study. <i>Cancers</i> , 2022, 14, 2616.	1.7	2
2641	DNA Damage Induced by Radiation Exposure from Cardiac Catheterization. <i>International Heart Journal</i> , 2022, 63, 466-475.	0.5	1
2642	A Novel Decision-Support Tool (IniCT Score) for Repeat Head Computed Tomography in Pediatric Mild Traumatic Brain Injury. <i>World Neurosurgery</i> , 2022, 165, e102-e109.	0.7	2
2643	The impact of tube current and iterative reconstruction algorithm on dose and image quality of infant CT head examination. <i>Radiation Physics and Chemistry</i> , 2022, 200, 110272.	1.4	1

#	ARTICLE	IF	CITATIONS
2644	Influence of contrast enhancement at the contrast injection location for the arm or leg in neonatal and infant patients during cardiac computed tomography. <i>Radiologia</i> , 2022, 64, 525-532.	0.3	1
2645	Analysis of Racial and Ethnic Diversity of Population Served and Imaging Used in US Children's Hospital Emergency Departments. <i>JAMA Network Open</i> , 2022, 5, e2213951.	2.8	10
2646	Abandon Informed Consent in Favor of Probability-Based, Shared Decision-Making Following the Wishes of a Reasonable Person. <i>Journal of Patient Experience</i> , 2022, 9, 237437352211065.	0.4	0
2647	A New Approach for Dose Reference Levels in Pediatric Ct: Age and Size-Specific Dose Estimation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2648	A comparison between ultrasonography and single-phase computed tomography for preoperative assessment of solid abdominal tumors in children. <i>Jornal De Pediatria</i> , 2023, 99, 17-22.	0.9	3
2649	Deep learning synthesized pseudo-CT for MR high-resolution pediatric cranial bone imaging (<sc>MR</sc> HiPCB). <i>Magnetic Resonance in Medicine</i> , 2022, 88, 2285-2297.	1.9	7
2651	Investigations in children with seizures visiting a pediatric emergency department: A monocenter study. <i>European Journal of Paediatric Neurology</i> , 2022, , .	0.7	0
2652	Hydrocephalus surveillance following CSF diversion: a modified Delphi study. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 30, 177-187.	0.8	0
2653	Towards the establishment of national diagnostic reference levels in TUNISIA : A multicenter survey in pediatric CT. <i>Journal of Radiological Protection</i> , 0, , .	0.6	1
2654	Size-specific dose estimates for pediatric head CT protocols based on the AAPM report TG-293. <i>Physica Medica</i> , 2022, 100, 26-30.	0.4	2
2655	Cumulative radiation exposure, effective and organ dose estimation from multiple head CT scans in stroke patients. <i>Radiation Physics and Chemistry</i> , 2022, 199, 110306.	1.4	5
2656	Current status and prospects of metal-organic frameworks for bone therapy and bone repair. <i>Journal of Materials Chemistry B</i> , 2022, 10, 5105-5128.	2.9	111
2657	Cumulative effective dose from imaging in infants with esophageal atresia: How low can we go?. <i>Radioprotection</i> , 2022, , .	0.5	1
2658	Clinical profile, evaluation of imaging guidelines, and management of pediatric traumatic brain injury at a tertiary care center in India: A review of 269 patients. <i>Journal of Pediatric Neurosciences</i> , 0, , .	0.2	0
2659	Effect of field of view (FOV) positioning and shielding on radiation dose in paediatric CBCT. <i>Dentomaxillofacial Radiology</i> , 2022, 51, , .	1.3	5
2660	Estimation of radiation dose and establishment of local diagnostic reference levels for computed tomography of head in pediatric population. <i>Journal of X-Ray Science and Technology</i> , 2022, , 1-9.	0.7	0
2662	The Multidisciplinary Guidelines for Diagnosis and Referral in Cerebral Visual Impairment. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	12
2663	Evaluation of Patients Admitted to the Emergency Department with the Suspect of Acute Renal Colic with the Modified STONE Score. <i>Eurasian Journal of Emergency Medicine</i> , 2022, 21, 138-145.	0.1	0

#	ARTICLE	IF	CITATIONS
2664	Adult Computed Tomography examinations in Uganda: Towards determining the National Diagnostic Reference Levels. <i>BMC Medical Imaging</i> , 2022, 22, .	1.4	4
2665	AI Denoising Improves Image Quality and Radiological Workflows in Pediatric Ultra-Low-Dose Thorax Computed Tomography Scans. <i>Tomography</i> , 2022, 8, 1678-1689.	0.8	7
2666	Global Irradiation in Children Treated for Hydrocephalus and Its Change over Time—A Single Institutional Analysis. <i>Children</i> , 2022, 9, 1062.	0.6	1
2667	CT and 18F-FDG PET abnormalities in contacts with recent tuberculosis infections but negative chest X-ray. <i>Insights Into Imaging</i> , 2022, 13, .	1.6	4
2668	Incidence trends of childhood central nervous system tumors in Finland 1990–2017. <i>BMC Cancer</i> , 2022, 22, .	1.1	3
2669	Anthropomorphic phantom organ dose assessment using optically stimulated luminescence dosimeters unified in multi-detector computed tomography. <i>Radiation Physics and Chemistry</i> , 2022, 200, 110383.	1.4	1
2670	Artificial Intelligence for Radiation Dose Optimization in Pediatric Radiology: A Systematic Review. <i>Children</i> , 2022, 9, 1044.	0.6	17
2671	Preferential reporting of significant p-values in radiology journal abstracts. <i>Clinical Radiology</i> , 2022, 77, 743-748.	0.5	1
2672	Al ₂ O ₃ :C and LiF: Mg, Ti characterisations at 100–150 kV energy range for computed tomography dose measurement. <i>Radiation Physics and Chemistry</i> , 2022, 199, 110365.	1.4	2
2673	Clinical Decision Rules for Paediatric Minor Head Injury: Are CT Scans a Necessary Evil?. <i>Annals of the Academy of Medicine, Singapore</i> , 2015, 44, 335-341.	0.2	16
2674	Bicycle-Related Injuries in Paediatric Patients. <i>Annals of the Academy of Medicine, Singapore</i> , 2018, 47, 424-428.	0.2	2
2675	Neuroendocrine hyperplasia of infancy: 10-year observational study. <i>Russian Pediatric Journal</i> , 2022, 25, 150-158.	0.0	0
2676	Reproducibility of pulmonary magnetic resonance angiography in adults with muco-obstructive pulmonary disease. <i>Acta Radiologica</i> , 2023, 64, 1038-1046.	0.5	2
2677	Pediatric Cancer By Race, Ethnicity and Region in the United States. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 1896-1906.	1.1	4
2678	Point-of-Care Ultrasound for an Esophageal Foreign Body. <i>Journal of Emergency Medicine</i> , 2022, 63, e53-e56.	0.3	0
2679	Learning low-dose CT degradation from unpaired data with flow-based model. <i>Medical Physics</i> , 2022, 49, 7516-7530.	1.6	5
2680	Strategies for recognizing pneumonia look-alikes. <i>European Journal of Pediatrics</i> , 2022, 181, 3565-3575.	1.3	2
2681	Abdominal Pain in the Emergency Department: How to Select the Correct Imaging for Diagnosis. <i>Open Access Emergency Medicine</i> , 0, Volume 14, 335-345.	0.6	4

#	ARTICLE	IF	CITATIONS
2682	Automated Estimation of Patient's Size Using Autowed Tool and Indosect Program: A Dosimetric Study for Paediatric Head CT Examinations. <i>Radiation Protection Dosimetry</i> , 0, , .	0.4	1
2683	Multicentre study found no increased risk of clinically important brain injuries when children presented more than 24h after a minor head trauma. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 0, , .	0.7	1
2684	A Systematic Review of Interventions to Reduce Computed Tomography Usage in the Emergency Department. <i>Annals of Emergency Medicine</i> , 2022, 80, 548-560.	0.3	8
2686	Lung structure and function on MRI in preterm born school children with and without BPD: A feasibility study. <i>Pediatric Pulmonology</i> , 2022, 57, 2981-2991.	1.0	4
2687	Variations in size-specific effective dose with patient stature and beam width for kV cone beam CT imaging in radiotherapy. <i>Journal of Radiological Protection</i> , 2022, 42, 031512.	0.6	2
2688	Clinical And Imaging Consequences in Pediatric Head Trauma. <i>Bagcilar Medical Bulletin</i> , 2022, .	0.0	0
2689	Ku70 affects the frequency of chromosome translocation in human lymphocytes after radiation and T-cell acute lymphoblastic leukemia. <i>Radiation Oncology</i> , 2022, 17, .	1.2	0
2690	The epidemiology of lung cancer following radiation exposure. <i>International Journal of Radiation Biology</i> , 2023, 99, 569-580.	1.0	2
2691	Best Practice in Interventional Management of Urolithiasis: An Update from the European Association of Urology Guidelines Panel for Urolithiasis 2022. <i>European Urology Focus</i> , 2023, 9, 199-208.	1.6	69
2692	Application of intentional facial nerve stimulation during cochlear implantation as an electrophysiological tool to estimate the intracochlear electrode position. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
2693	Identification of Novel Regulators of Radiosensitivity Using High-Throughput Genetic Screening. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8774.	1.8	4
2694	Pediatric Emergency MRI. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2022, 30, 533-552.	0.6	4
2695	BIOLOGICAL EFFECTS OF LOW-DOSE RADIATION FROM CT IMAGING. <i>Radiation Protection Dosimetry</i> , 2022, 198, 514-520.	0.4	0
2696	Genetic algorithm based image reconstruction applying the digital holography process with the Discrete Orthonormal Stockwell Transform technique for diagnosis of COVID-19. <i>Computers in Biology and Medicine</i> , 2022, 148, 105934.	3.9	4
2697	Accounting for radiation exposure from previous CT exams while deciding on the next exam: What do referring clinicians think?. <i>European Journal of Radiology</i> , 2022, 155, 110468.	1.2	5
2698	The Development and Validation of Artificial Intelligence Pediatric Appendicitis Decision-Tree for Children 0 to 12 Years Old. <i>European Journal of Pediatric Surgery</i> , 2023, 33, 395-402.	0.7	3
2699	DFSNE-Net: Deviant feature sensitive noise estimate network for low-dose CT denoising. <i>Computers in Biology and Medicine</i> , 2022, 149, 106061.	3.9	7
2700	Relapsing pediatric non-rhabdomyosarcoma soft tissue sarcomas: The impact of routine imaging surveillance on early detection and post-relapse survival. <i>European Journal of Cancer</i> , 2022, 175, 274-281.	1.3	5

#	ARTICLE	IF	CITATIONS
2701	A case report on ultrasound evaluation of pediatric post-operative abdominal pain. <i>Radiology Case Reports</i> , 2022, 17, 4223-4226.	0.2	0
2702	Accuracy of Pediatric Emergency Care Applied Research Network Rules in Predicting Brain Injuries. , 2022, 11, 86.		0
2703	The Association between Iodine Intake and Thyroid Cancer/Benign Thyroid Nodules in Shanghai: Two Matched Case-Control Studies. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2704	Flexible Ureteroscopy in Special Situations. , 2022, , 145-165.		0
2705	Evolution of Sports Ultrasound. , 2022, , 437-468.		0
2706	DDPNet: A Novel Dual-Domain Parallel Network for Low-Dose CT Reconstruction. <i>Lecture Notes in Computer Science</i> , 2022, , 748-757.	1.0	6
2707	Estimating the Risk of Radiation-Induced Malignancy Following Radiotherapy for Benign Disease. <i>Medical Radiology</i> , 2022, , .	0.0	0
2708	Pediatric effective dose assessment for routine computed tomography examinations in Tehran, Iran. <i>Journal of Medical Signals and Sensors</i> , 2022, 12, 227.	0.5	1
2709	Ensemble of Convolutional Neural Networks for Sparse-View Cone-Beam Computed Tomography. , 2022, , .		1
2710	A systematic approach to CT evaluation of non-arthritis hip pain. <i>EFORT Open Reviews</i> , 2022, 7, 653-662.	1.8	0
2711	The Evidence for Excess Risk of Cancer and Non-Cancer Disease at Low Doses and Dose Rates. <i>Radiation Research</i> , 2022, 198, .	0.7	3
2712	Calcified Epidural Hematoma after Conservative Treatment of Acute Epidural Hematoma in the Pediatric Population: A Systematic Review. <i>Pediatric Neurosurgery</i> , 2022, 57, 389-395.	0.4	0
2713	Diagnostic Algorithm in the Pediatric Appendicitis; A Prospective Clinical Study. <i>Pediatric Practice and Research</i> , 2022, 10, 89-96.	0.0	0
2714	Use of caliper-based external measurement of body surface in assessing the severity of pectus excavatum. <i>Frontiers in Pediatrics</i> , 0, 10, .	0.9	0
2715	Ionizing radiation exposure during adulthood and risk of developing central nervous system tumors: systematic review and meta-analysis. <i>Scientific Reports</i> , 2022, 12, .	1.6	12
2716	Radiation-response in primary fibroblasts of long-term survivors of childhood cancer with and without second primary neoplasms: the KiKMe study. <i>Molecular Medicine</i> , 2022, 28, .	1.9	4
2717	CBTRUS Statistical Report: Pediatric Brain Tumor Foundation Childhood and Adolescent Primary Brain and Other Central Nervous System Tumors Diagnosed in the United States in 2014-2018. <i>Neuro-Oncology</i> , 2022, 24, iii1-iii38.	0.6	85
2718	Routine Elective Gastrojejunostomy Tube Changes Are Associated With Reduced Tube Complications and Radiation Exposure. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2023, 76, 80-83.	0.9	1

#	ARTICLE	IF	CITATIONS
2719	Computed Tomography and Other Imaging Modalities in Pediatric Congenital Heart Disease. <i>Pertanika Journal of Science and Technology</i> , 2022, 30, 2439-2462.	0.3	0
2720	Curb unnecessary computed tomography scans for pediatric concussions. <i>Canadian Family Physician</i> , 2022, 68, 667-669.	0.1	0
2721	Sustaining the gains: Reducing unnecessary computed tomography scans in pediatric trauma patients. <i>Journal of Pediatric Surgery</i> , 2023, 58, 111-117.	0.8	2
2722	Limiter les tomodensitométriques inutiles pour une commotion cérébrale pédiatrique. <i>Canadian Family Physician</i> , 2022, 68, e264-e267.	0.1	0
2723	Low-dose CT allows for accurate proton therapy dose calculation and plan optimization. <i>Physics in Medicine and Biology</i> , 2022, 67, 195015.	1.6	5
2724	Radiation and leukaemia: Which leukaemias and what doses?. <i>Blood Reviews</i> , 2022, , 101017.	2.8	1
2725	Advanced imaging and Crohn's disease: An overview of clinical application and the added value of artificial intelligence. <i>European Journal of Radiology</i> , 2022, 157, 110551.	1.2	2
2726	CT organ dose calculator size adaptive for pediatric and adult patients. <i>Biomedical Physics and Engineering Express</i> , 2022, 8, 065020.	0.6	2
2727	Caracterización de estudios por imágenes realizados en niños sanos en un centro de atención ambulatoria: percepciones, creencias y expectativas de sus padres. <i>Revista Del Hospital Italiano De Buenos Aires</i> , 2021, 41, .	0.0	0
2728	Cardiac PET/MR Basics. , 2022, , 21-35.		0
2729	Effectiveness and safety of transcatheter atrial septal defect closure guided by transthoracic echocardiography in children and adolescents. <i>Kardiologiya I Serdechno-Sosudistaya Khirurgiya</i> , 2022, 15, 445.	0.1	0
2730	The Assessment of the Rationale for Urgent Head CT: Comparative Analysis of Referrals and Results of Examinations without and with Contrast Enhancement. <i>Medicina (Lithuania)</i> , 2022, 58, 1468.	0.8	0
2731	Physical Examination Sensitivity for Skull Fracture in Pediatric Patients with Blunt Head Trauma: A Secondary Analysis of the National Emergency X-Radiography Utilization Study II Head Computed Tomography Validation Study. <i>Annals of Emergency Medicine</i> , 2022, , .	0.3	0
2732	Retrospective Analysis of Doses Delivered during Embolization Procedures over the Last 10 Years. <i>Journal of Personalized Medicine</i> , 2022, 12, 1701.	1.1	2
2734	Cranial Irradiation for Childhood Cancers and Adult Risk of Meningioma. <i>Pediatric Neurosurgery</i> , 0, , .	0.4	0
2735	Sample Size and Estimation of Standard Radiation Doses for Pediatric Brain CT. <i>Tomography</i> , 2022, 8, 2486-2497.	0.8	4
2736	Two-dimensional shear wave elastography can improve the diagnostic accuracy of ultrasonography in acute appendicitis. <i>Journal of Ultrasound</i> , 0, , .	0.7	2
2737	Assessment of Cost-Effectiveness of Computerized Cranial Tomography in Children with Mild Head Trauma. <i>Diagnostics</i> , 2022, 12, 2649.	1.3	0

#	ARTICLE	IF	CITATIONS
2738	An estimate assay for low-level exposure to ionizing radiation based on mass spectrometry quantification of ^3H -H2AX in human peripheral blood lymphocytes. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	1
2739	Surgeon-conducted color Doppler ultrasound deep inferior epigastric artery perforator mapping: A cohort study and learning curve assessment. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2023, 76, 105-112.	0.5	2
2740	Impact of Iterative Bilateral Filtering on the Noise Power Spectrum of Computed Tomography Images. <i>Algorithms</i> , 2022, 15, 374.	1.2	3
2741	Hierarchical polyaniline-folic acid nanostructures act as a platform for electrochemical detection of tumor cells. <i>Analytical Biochemistry</i> , 2023, 662, 114914.	1.1	2
2742	MRI-guided microwave ablation and albumin-bound paclitaxel for lung tumors: Initial experience. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	2
2745	LDR-adapted liver-derived cytokines have potential to induce atherosclerosis. <i>International Journal of Radiation Biology</i> , 2023, 99, 791-806.	1.0	1
2746	Intracranial aneurysms in pediatric population treated with flow diverters: A single-center experience. , 0, 13, 522.		1
2747	Emerging Approaches to Monitor and Modify Care in the era of CFTR Modulators. <i>Clinics in Chest Medicine</i> , 2022, 43, 631-646.	0.8	1
2748	Feasibility of flow-related enhancement brain perfusion MRI. <i>PLoS ONE</i> , 2022, 17, e0276912.	1.1	1
2749	CT scan in the evaluation of pediatric abdominal trauma. <i>Revista Do Colegio Brasileiro De Cirurgioes</i> , 0, 49, .	0.3	0
2750	Tomografia computadorizada na avaliaçãõ do trauma abdominal pediãtrico. <i>Revista Do Colegio Brasileiro De Cirurgioes</i> , 0, 49, .	0.3	0
2751	âœ“The History of the Linear No-Threshold Modelâœ“video series. <i>Health Physics</i> , 2023, 124, 58-60.	0.3	1
2752	Evaluation of image quality, organ doses, effective dose, and cancer risk from pediatric brain CT scans. <i>European Journal of Radiology</i> , 2023, 158, 110657.	1.2	5
2753	Bone sarcoma follow-up; a nationwide analysis of oncological events after initial treatment. <i>Journal of Bone Oncology</i> , 2023, 38, 100466.	1.0	1
2754	A new approach to dose reference levels in pediatric CT: Age and size-specific dose estimation. <i>Radiation Physics and Chemistry</i> , 2023, 205, 110698.	1.4	4
2755	DREAM-Net: Deep Residual Error Iterative Minimization Network for Sparse-View CT Reconstruction. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2023, 27, 480-491.	3.9	5
2756	Black Bone MRI for Virtual Surgical Planning in Craniomaxillofacial Surgery. <i>Seminars in Plastic Surgery</i> , 2022, 36, 192-198.	0.8	2
2757	Diagnostic accuracy of lower-dose cardiac CT in evaluating young infants with non-coronary complex congenital heart disease on a 64-slice multidetector CT scanner. <i>Acta Radiologica</i> , 0, , 028418512211396.	0.5	0

#	ARTICLE	IF	CITATIONS
2758	Divergent Molecular and Cellular Responses to Low and High-Dose Ionizing Radiation. <i>Cells</i> , 2022, 11, 3794.	1.8	4
2759	Relapse after nonâ€metastatic rhabdomyosarcoma: The impact of routine surveillance imaging on early detection and postâ€relapse survival. <i>Pediatric Blood and Cancer</i> , 2023, 70, .	0.8	0
2760	Task force Guideline of Brazilian Society of Otolgy â€ hearing loss in children â€ Part I â€ Evaluation. <i>Brazilian Journal of Otorhinolaryngology</i> , 2023, 89, 159-189.	0.4	1
2761	Validation of Prediction Rules for Computed Tomography Use in Children With Blunt Abdominal or Blunt Head Trauma: Protocol for a Prospective Multicenter Observational Cohort Study. <i>JMIR Research Protocols</i> , 2022, 11, e43027.	0.5	1
2762	Denosing Low-Dose CT Images Using a Multi-Layer Convolutional Analysis-Based Sparse Encoder Network. , 2022, , .		1
2763	The War in Ukraine: How Should Physicians and Health Physicists Communicate Radiation-related Cancer Risks to the Public?. <i>Health Physics</i> , 2023, 124, 53-57.	0.3	0
2764	Radiation Exposure and Lifetime Attributable Risk of Cancer Incidence and Mortality from Low- and Standard-Dose CT Chest: Implications for COVID-19 Pneumonia Subjects. <i>Diagnostics</i> , 2022, 12, 3043.	1.3	6
2765	The epidemiology of and management of pediatric patients with head trauma: a hospital-based study from Southern Sweden. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2022, 30, .	1.1	2
2768	New evidence for brain cancer risk after a single paediatric CT scan. <i>Lancet Oncology</i> , The, 2023, 24, 2-3.	5.1	3
2769	Brain cancer after radiation exposure from CT examinations of children and young adults: results from the EPI-CT cohort study. <i>Lancet Oncology</i> , The, 2023, 24, 45-53.	5.1	48
2770	Arrangement of Indocyanine Green in a 1.5-Nanometer Channel to Achieve High-Efficiency Imaging of the Intestinal Lymphatic System. <i>Molecules</i> , 2022, 27, 8704.	1.7	0
2771	Predictive Factors for Poor Outcome following Chemonucleolysis with Condoliase in Lumbar Disc Herniation. <i>Medicina (Lithuania)</i> , 2022, 58, 1868.	0.8	3
2772	Parameters for estimating the feasibility of implantation of a semi-implantable bone conduction device (SIBCD) in children and adolescents. <i>European Archives of Oto-Rhino-Laryngology</i> , 0, , .	0.8	0
2773	Longitudinal Magnetic Resonance Imaging Detects Onset and Progression of Chronic Rhinosinusitis from Infancy to School Age in Cystic Fibrosis. <i>Annals of the American Thoracic Society</i> , 2023, 20, 687-697.	1.5	6
2774	Early detection of gastric cancer via high-resolution terahertz imaging system. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	0
2775	Automatic Exposure Control Attains Radiation Dose Modulation Matched with the Head Size in Pediatric Brain CT. <i>Tomography</i> , 2022, 8, 2929-2938.	0.8	6
2776	A high-resolution pediatric female whole-body numerical model with comparison to a male model. <i>Physics in Medicine and Biology</i> , 2023, 68, 025022.	1.6	1
2777	Computed tomography scan radiation and brain cancer incidence. <i>Neuro-Oncology</i> , 2023, 25, 1368-1376.	0.6	3

#	ARTICLE	IF	CITATIONS
2778	Neonatal exposure to low-dose X-ray causes behavioral defects and abnormal hippocampal development in mice. <i>IUBMB Life</i> , 2023, 75, 530-547.	1.5	1
2779	Variation in NICU Head CT Utilization Among U.S. Children's Hospitals. <i>Hospital Pediatrics</i> , 2023, 13, 106-141.	0.6	1
2780	Signaling pathways in brain tumors and therapeutic interventions. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	13
2781	Comparison of the 64- and 80-detector row computed tomography among the CT number and radiation dose during lower extremity computed tomography angiography. <i>Radiation Protection Dosimetry</i> , 0, , .	0.4	0
2782	Structured coaching as a means to improve sonographic visualization of the appendix: a quality improvement initiative. <i>Emergency Radiology</i> , 0, , .	1.0	0
2783	Needleless inhaled anesthesia with sevoflurane: advantages of a simplified approach for children with spinal muscular atrophy undergoing intrathecal administration of nusinersen. <i>Paediatric Anaesthesia</i> , 0, , .	0.6	0
2784	Traumatic brain injuries in paediatric patients: individual vs. team sports-related hospitalizations. <i>Research in Sports Medicine</i> , 0, , 1-13.	0.7	0
2785	National and subnational burden of brain and central nervous system cancers in Iran, 1990-2019: Results from the global burden of disease study 2019. <i>Cancer Medicine</i> , 0, , .	1.3	3
2787	Astrocytoma, Diagnosis and Treatment. Literature Review. <i>International Journal of Medical Science and Clinical Research Studies</i> , 2023, 03, .	0.0	0
2788	Optimal timing of a γ H2AX analysis to predict cellular lethal damage in cultured tumor cell lines after exposure to diagnostic and therapeutic radiation doses. <i>Journal of Radiation Research</i> , 0, , .	0.8	0
2789	Bedside exclusion of pulmonary embolism in children without radiation (BEEPER): a national study of the Pediatric Emergency Care Applied Research Network Study protocol. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2023, 7, 100046.	1.0	1
2790	Utilisation of 3D Printing in the Manufacturing of an Anthropomorphic Paediatric Head Phantom for the Optimisation of Scanning Parameters in CT. <i>Diagnostics</i> , 2023, 13, 328.	1.3	1
2791	TRACK-CF prospective cohort study: Understanding early cystic fibrosis lung disease. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	1
2792	A systematic review and meta-analysis of computed tomography in the diagnosis of pediatric foreign body aspiration. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2023, 165, 111429.	0.4	1
2793	Patient effective dose and radiation biological risk in the chest and abdominopelvic computed tomography. <i>Applied Radiation and Isotopes</i> , 2023, 193, 110628.	0.7	0
2794	Utilization of computed tomography in pediatric temporal fractures: A dose reduction approach. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2023, 44, 103768.	0.6	0
2795	The use of MRI in the study of patients with idiopathic scoliosis: a systematic review of the literature. <i>Hirurgia Pozvonocznika</i> , 2022, 19, 30-39.	0.1	1
2796	Computed Tomography Lesions and Their Association With Global Outcome in Young People With Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2023, 40, 1243-1254.	1.7	2

#	ARTICLE	IF	CITATIONS
2797	Detection of Urolithiasis Using Non-Contrast Computed Tomography. Pakistan Biomedical Journal, 0, , 17-21.	0.0	0
2798	Deep Iterative Reconstruction Network Based on Residual Constraint for Low-Dose CT Imaging. , 2022, , .		0
2799	Lung parenchyma and structure visualisation in paediatric chest MRI: a comparison of different short and ultra-short echo time protocols. Clinical Radiology, 2023, 78, e319-e327.	0.5	2
2800	Occupational radiation dose from gastrointestinal endoscopy procedures with special emphasis on eye lens doses in endoscopic retrograde cholangiopancreatography. Endoscopy International Open, 2023, 11, E237-E246.	0.9	2
2801	Cancer risk in adult congenital heart disease. International Journal of Cardiology Congenital Heart Disease, 2023, 12, 100441.	0.2	0
2803	Deep learning for improving ZTE MRI images in free breathing. Magnetic Resonance Imaging, 2023, 98, 97-104.	1.0	0
2804	Deep residual constrained reconstruction via learned convolutional sparse coding for low-dose CT imaging. Biomedical Signal Processing and Control, 2023, 85, 104868.	3.5	2
2805	An ultrasound-exclusive non-invasive computational diagnostic framework for personalized cardiology of aortic valve stenosis. Medical Image Analysis, 2023, 87, 102795.	7.0	5
2806	Effective Dose of Radiation in Diagnostic and Interventional Cardiac Angiography among Pediatrics and Adolescents in Hospitals of Shiraz University of Medical Sciences versus Other Radiology Devices. Iranian South Medical Journal, 2020, 23, 27-35.	0.2	0
2807	Sudden anisocoria in a healing pediatric multitrauma patient. JAAPA: Official Journal of the American Academy of Physician Assistants, 2023, 36, 1-3.	0.1	1
2808	Giant Pediatric Dural Arteriovenous Fistula Management Using a Combined Operative Approach in a Hybrid Neuroendovascular Surgery Suite: Technical Nuances and Review of Literature. Operative Neurosurgery, 2023, 24, e248-e254.	0.4	1
2809	Algorithm for Reducing Overall Biological Detriment Caused by PET/CT: an Age-Based Study. Nuclear Medicine and Molecular Imaging, 0, , .	0.6	0
2810	Pediatric Brain Tumor Risk Associated with Head Computed Tomography: Systematic Literature Review. Voprosy Sovremennoi Pediatrii - Current Pediatrics, 2023, 22, 23-30.	0.1	0
2811	Red flags Presented in Children Complaining of Headache in Paediatric Emergency Department. Children, 2023, 10, 366.	0.6	0
2812	Hierarchical Self-Assembly in DNA Ionogel: Effect of $\hat{1}^3$ -Radiation on Gel Properties. Journal of Surface Science and Technology, 0, , .	0.3	0
2813	Palatine Tonsil Measurements and Echogenicity during Tonsillitis Using Ultrasonography: A Caseâ€“Control Study. Diagnostics, 2023, 13, 742.	1.3	2
2814	Predictors for surgical intervention in orbital complications of pediatric rhinosinusitis. European Journal of Ophthalmology, 0, , 112067212311569.	0.7	0
2815	Integrated radiochemotherapy study of ZIF-8 coated with osteosarcoma-platelet hybrid membranes for the delivery of Dbait and Adriamycin. Frontiers in Bioengineering and Biotechnology, 0, 11, .	2.0	3

#	ARTICLE	IF	CITATIONS
2816	Pediatric Appendicitis Transfers From Adult Centers: Can Alvarado Scores Help Determine Which Patients Need a CT?. American Surgeon, 0, , 000313482311578.	0.4	0
2817	Ultrasound-guided interlaminar approach for nusinersen administration in patients with spinal muscular atrophy with spinal fusion or severe scoliosis. Orphanet Journal of Rare Diseases, 2023, 18, .	1.2	0
2818	Understanding Head CT Scan Usage Amongst Adolescent Blunt Trauma Patients Treated at a Level 1 Adult Trauma Center. American Surgeon, 0, , 000313482311578.	0.4	0
2819	Dose Reduction and Optimization Strategies in Computed Tomography. , 2023, , 57-75.		0
2820	Diagnostic workup of childhood interstitial lung disease. European Respiratory Review, 2023, 32, 220188.	3.0	12
2821	Evaluating the Outcome of an Unnecessary Request for CT Scan in Beâ€™sat Hospital of Hamadan. Radiology Research and Practice, 2023, 2023, 1-6.	0.6	1
2822	Concerns about alarmist portrayal of CT scans. Lancet Oncology, The, 2023, 24, e105.	5.1	0
2823	Comparison of Low-Power <i>vs</i> High-Power Holmium Lasers in Pediatric Retrograde Intrarenal Surgery Outcomes. Journal of Endourology, 2023, 37, 509-515.	1.1	1
2824	International Consensus Statement on the Radiological Screening of Contact Children in the Context of Suspected Child Physical Abuse. JAMA Pediatrics, 2023, 177, 526.	3.3	7
2826	Pediatric low-dose head CT: Image quality improvement using iterative model reconstruction. Neuroradiology Journal, 0, , 197140092311635.	0.6	0
2827	Examining Clinical Opinion and Experience Regarding Utilization of Plain Radiography of the Spine: Evidence from Surveying the Chiropractic Profession. Journal of Clinical Medicine, 2023, 12, 2169.	1.0	1
2828	Low-Dose Radiotherapy for Patients with Pneumonia Due to COVID-19: A Single-Institution Prospective Study. Biomedicines, 2023, 11, 858.	1.4	1
2829	Cervical Collar Clearance in Obtunded Children Presenting Without a Known Traumatic Mechanism: Is Imaging Necessary?. Journal of Pediatric Surgery, 2023, , .	0.8	0
2830	Infants With Trigonocephaly Treated With Fronto-Orbital Remodelling and Endocortical Positioning of Resorbable Platesâ€™ A Retrospective Cohort Study Including 101 Patients. Journal of Craniofacial Surgery, 2023, 34, 1543-1547.	0.3	0
2831	Recent Trend of Using Computed Tomography to Diagnose Pediatric Appendicitis at the First Hospital Visit. Pediatric Emergency Care, 2023, 39, 236-241.	0.5	0
2832	The Role of Whole-Body Magnetic Resonance Imaging in Assessing Extrapulmonary Metastases in Osteosarcoma Staging and Restaging: A Pilot Study. Journal of Computer Assisted Tomography, 2023, 47, 629-636.	0.5	1
2833	3Dâ€™printed iodineâ€™ink CT phantom for radiomics feature extraction â€™advantages and challenges. Medical Physics, 0, , .	1.6	0
2834	A Computed Tomography-based Radiomics Analysis of Low-energy Proximal Femur Fractures in the Elderly Patients. Current Radiopharmaceuticals, 2023, 16, 222-232.	0.3	1

#	ARTICLE	IF	CITATIONS
2835	Evaluation of radiation dose reduction in head CT using the half-dose method. Japanese Journal of Radiology, 2023, 41, 872-881.	1.0	1
2836	Postoperative computed tomography imaging of pediatric patients withÂcraniosynostosis: radiation dose and image quality comparison between multi-slice computed tomography and O-arm cone-beam computed tomography. Pediatric Radiology, 0, , .	1.1	0
2837	Dental MRIâ€”only a future vision or standard of care? A literature review on current indications and applications of MRI in dentistry. Dentomaxillofacial Radiology, 2023, 52, .	1.3	6
2839	Care for Patients with Type-2 Chronic Rhinosinusitis. Journal of Personalized Medicine, 2023, 13, 618.	1.1	5
2840	Preleukemic Fusion Genes Induced via Ionizing Radiation. International Journal of Molecular Sciences, 2023, 24, 6580.	1.8	1
2841	Intra- and Interrater Reliability of CT- versus MRI-Based Cochlear Duct Length Measurement in Pediatric Cochlear Implant Candidates and Its Impact on Personalized Electrode Array Selection. Journal of Personalized Medicine, 2023, 13, 633.	1.1	1
2842	Evaluation and Management of Primary Spontaneous Pneumothorax in Adolescents and Young Adults: A Systematic Review From the APSA Outcomes & Evidence-Based Practice Committee. Journal of Pediatric Surgery, 2023, 58, 1873-1885.	0.8	0
2843	Monitoring Pediatric Head CT Scan Dose Levels: A Retrospective Study of Diagnostic Reference Levels in a Single Hospital in Abu Dhabi, UAE. Applied Sciences (Switzerland), 2023, 13, 4662.	1.3	0
2844	Comparison of the different imaging modalities used to image pediatric oncology patients: A COG diagnostic imaging committee/SPR oncology committee white paper. Pediatric Blood and Cancer, 2023, 70, .	0.8	1
2845	Quantitative Analysis of the Clinical Reasons Influencing the Frequency of Pediatric Head CT Examinations: A Single-Center Observation Study. Tomography, 2023, 9, 829-839.	0.8	0
2846	A Convolutional Neural Network ensemble model for Pneumonia Detection using chest X-ray images. Healthcare Analytics, 2023, 3, 100176.	2.6	7
2847	Assessing the Diagnostic Performance of CT in Suspected Urinary Stones: A Retrospective Analysis. Cureus, 2023, , .	0.2	0
2848	A Comprehensive Review on Electrochemical Nano Biosensors for Precise Detection of Blood-Based Oncomarkers in Breast Cancer. Biosensors, 2023, 13, 481.	2.3	5
2849	Should artificial intelligence be used in conjunction with Neuroimaging in the diagnosis of Alzheimerâ€™s disease?. Frontiers in Aging Neuroscience, 0, 15, .	1.7	3
2850	Increasing Cancer in Adolescents and Young Adults: Cancer Types and Causation Implications. Journal of Adolescent and Young Adult Oncology, 0, , .	0.7	1
2851	Academic achievement after a CT examination toward the head in childhood: Follow up of a randomized controlled trial. PLoS ONE, 2023, 18, e0284712.	1.1	0
2853	Femur reconstruction in 3D ultrasound for orthopedic surgery planning. International Journal of Computer Assisted Radiology and Surgery, 2023, 18, 1001-1008.	1.7	1
2854	Periacetabular osteotomy with intraoperative computer-assisted modalities: a systematic review. Journal of Hip Preservation Surgery, 0, , .	0.6	1

#	ARTICLE	IF	CITATIONS
2855	Size-specific dose estimates in pediatric brain CT in relation to age and weight. Radiation Protection Dosimetry, 0, , .	0.4	1
2862	Radiation Epidemiology. , 2023, , 1-39.		0
2875	Adverse Effects and Considerations Associated with Excessive or Unwarranted Imaging. , 2023, , 1-23.		0
2890	Imaging Techniques for the Diagnosis of Spondylolisthesis. , 2023, , 63-103.		0
2903	Spezifische Diagnostik in der Kinderurologie. Springer Reference Medizin, 2023, , 1975-1993.	0.0	0
2909	Cohort studies. , 2023, , 231-235.		0
2913	Technical evolution of pediatric neurosurgery: craniosynostosis from 1972 to 2023 and beyond. Child's Nervous System, 0, , .	0.6	0
2916	Molecular Mechanisms of Environmental Oncogenesis. , 2023, , 3-60.		0
2935	Effets pathologiques des rayonnements ionisants : effets stochastiques. , 2023, , 107-122.		0
2946	Pediatric Stress Echocardiography. , 2023, , 577-595.		0
2966	Diagnosis and Classification of Craniosynostoses. , 2023, , 27-41.		0
2996	Grand manuel de psycho-oncologie. , 2023, , 255-277.		0