

Radiation Dose Associated With Common Computed Tomography Scans and the Associated Lifetime Attributable Risk of Cancer

Archives of Internal Medicine

169, 2078

DOI: [10.1001/archinternmed.2009.427](https://doi.org/10.1001/archinternmed.2009.427)

Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Blunt Trauma Abdominal and Pelvic Computed Tomography Has Low Yield for Injuries in More Than One Anatomic Region. <i>Western Journal of Emergency Medicine</i> , 1996, 19, 768-773. | 0.6 | 2 |
| 2 | Cancer Risks and Radiation Exposure From Computed Tomographic Scans. <i>Archives of Internal Medicine</i> , 2009, 169, 2049. | 4.3 | 93 |
| 3 | Radiation Dose Associated With Common Computed Tomography Examinations and the Associated Lifetime Attributable Risk of Cancer. <i>Yearbook of Vascular Surgery</i> , 2010, 2010, 62-63. | 0.0 | 1 |
| 4 | Singleton Breech at Term: Two Continents, Two Approaches. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2010, 32, 728-729. | 0.3 | 0 |
| 5 | Maximum<i>a posteriori</i>X-ray computed tomography using graph cuts. <i>Journal of Physics: Conference Series</i> , 2010, 233, 012023. | 0.3 | 9 |
| 6 | Low Dose Craniofacial CT/ Rapid Access MRI Protocol in Craniosynostosis Patients: Decreased Radiation Exposure and Cost Savings. <i>Plastic and Reconstructive Surgery</i> , 2010, 126, 4-5. | 0.7 | 10 |
| 7 | Women and elderly: subgroups under-represented in clinical trials. <i>Current Opinion in Cardiology</i> , 2010, 25, 335-339. | 0.8 | 11 |
| 8 | Updated recommendations for breast cancer screening. <i>Current Opinion in Obstetrics and Gynecology</i> , 2010, 22, 498-505. | 0.9 | 6 |
| 10 | How the Institute of Medicine report on comparative effectiveness research will impact imaging research and practice. <i>Imaging in Medicine</i> , 2010, 2, 357-361. | 0.0 | 0 |
| 11 | Clinical guidelines and the use of cone-beam computed tomography. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2010, 138, 1-2. | 0.8 | 55 |
| 12 | Where Is the Radiation History for the Cardiac Patient?. <i>Clinical Cardiology</i> , 2010, 33, 252-253. | 0.7 | 1 |
| 13 | Evaluation of sparse-view reconstruction from flat-panel-detector cone-beam CT. <i>Physics in Medicine and Biology</i> , 2010, 55, 6575-6599. | 1.6 | 314 |
| 14 | Novel ultrasound method to reposition kidney stones. <i>Urological Research</i> , 2010, 38, 491-495. | 1.5 | 44 |
| 15 | Multidetector CT in children: current concepts and dose reduction strategies. <i>Pediatric Radiology</i> , 2010, 40, 1324-1344. | 1.1 | 173 |
| 16 | Importance of consideration of radiation doses from cardiac imaging procedures and risks of cancer. <i>Journal of Nuclear Cardiology</i> , 2010, 17, 1-3. | 1.4 | 17 |
| 17 | Polymorphisms in oxidative stress and inflammation pathway genes, low-dose ionizing radiation, and the risk of breast cancer among US radiologic technologists. <i>Cancer Causes and Control</i> , 2010, 21, 1857-1866. | 0.8 | 34 |
| 18 | Poster Board Number: 14: Hospital-Based Multi-Detector CT With Dental Scan Parameters: A Simple and Inexpensive Alternative to In-Office Cone Beam CT. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010, 68, e67-e68. | 0.5 | 0 |
| 19 | Health and life insurance as an alternative to malpractice tort law. <i>BMC Health Services Research</i> , 2010, 10, 150. | 0.9 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 20 | Demonstration of the heterogeneous distribution of asthma in the lungs using CT and hyperpolarized helium-3 MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 1379-1387. | 1.9 | 50 |
| 21 | Contrast STRATI-MAS imaging. <i>Journal of Magnetic Resonance</i> , 2010, 206, 264-268. | 1.2 | 8 |
| 22 | Risk factors and incidence of de novo malignancy in liver transplant recipients: a systematic review. <i>Liver International</i> , 2010, 30, 1247-1258. | 1.9 | 106 |
| 23 | Multislice CT angiography in coronary artery disease: Technical developments, radiation dose and diagnostic value. <i>World Journal of Cardiology</i> , 2010, 2, 333. | 0.5 | 29 |
| 24 | Mammography and Women Under 50: Dã©jã Vu All Over Again?. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 635-639. | 1.1 | 5 |
| 25 | Optimal imaging after coarctation stenting. <i>Heart</i> , 2010, 96, 1169-1171. | 1.2 | 22 |
| 26 | Incidence of Morbidity From Penetrating Palate Trauma. <i>Pediatrics</i> , 2010, 126, e1578-e1584. | 1.0 | 25 |
| 27 | Responding to Incidental Findings on Research Imaging Studies. <i>Archives of Internal Medicine</i> , 2010, 170, 1522-4. | 4.3 | 6 |
| 28 | Radiation Exposure From Medical Imaging. <i>JAMA - Journal of the American Medical Association</i> , 2010, 304, 208. | 3.8 | 187 |
| 29 | Exposure to Diagnostic Radiological Procedures and the Risk of Childhood Acute Lymphoblastic Leukemia. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 2897-2909. | 1.1 | 33 |
| 30 | Use of brain electrical activity to quantify traumatic brain injury in the emergency department. <i>Brain Injury</i> , 2010, 24, 1324-1329. | 0.6 | 31 |
| 31 | Discussing Radiation Risks Associated With CT Scans With Patients. <i>JAMA - Journal of the American Medical Association</i> , 2010, 304, 2170. | 3.8 | 52 |
| 32 | Myocardial Perfusion Scans. <i>Circulation</i> , 2010, 122, 2403-2410. | 1.6 | 123 |
| 33 | CT Colonography: Ready for Prime Time?. <i>American Journal of Gastroenterology</i> , 2010, 105, 2128-2132. | 0.2 | 3 |
| 34 | Effects of Ionizing Radiation on Self-Renewal and Pluripotency of Human Embryonic Stem Cells. <i>Cancer Research</i> , 2010, 70, 5539-5548. | 0.4 | 69 |
| 35 | Multiple-breath inert gas washout test and early cystic fibrosis lung disease. <i>Thorax</i> , 2010, 65, 373-374. | 2.7 | 27 |
| 36 | Comparison of radiation exposure and associated radiation-induced cancer risks from mammography | 1.6 | 54 |
| 37 | Reply to "Letter to the Editor: "Low-dose whole body irradiation: a potential therapeutic modality" American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E138-E140. | 1.8 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 38 | Lifetime Follow-up Care After Childhood Cancer. <i>Journal of the American Board of Family Medicine</i> , 2010, 23, 647-654. | 0.8 | 21 |
| 39 | Genomic and gene expression signatures of radiation in medulloblastomas after low-dose irradiation in Ptch1 heterozygous mice. <i>Carcinogenesis</i> , 2010, 31, 1694-1701. | 1.3 | 21 |
| 40 | Role of Contrast Echocardiography in Screening for Pulmonary Arteriovenous Malformation in Patients With Hereditary Hemorrhagic Telangiectasia. <i>Chest</i> , 2010, 138, 769-771. | 0.4 | 18 |
| 41 | One Hundred Two Patients With Pheochromocytoma Treated at a Single Institution Since the Introduction of Laparoscopic Adrenalectomy. <i>Archives of Surgery</i> , 2010, 145, 893. | 2.3 | 102 |
| 42 | Is Computed Tomography Safe?. <i>New England Journal of Medicine</i> , 2010, 363, 1-4. | 13.9 | 406 |
| 43 | The Acute STroke Registry and Analysis of Lausanne (ASTRAL). <i>Stroke</i> , 2010, 41, 2491-2498. | 1.0 | 208 |
| 45 | Radiation Exposure in CT: What Is the Professionally Responsible Approach?. <i>Radiology</i> , 2010, 255, 683-686. | 3.6 | 30 |
| 46 | CT Colonography May Improve Colorectal Cancer Screening Compliance. <i>American Journal of Roentgenology</i> , 2010, 195, 1118-1123. | 1.0 | 63 |
| 47 | Control and Management of the Radiation Environment. <i>American Journal of Roentgenology</i> , 2010, 194, 867-867. | 1.0 | 1 |
| 48 | Automated Extraction of Radiation Dose Information for CT Examinations. <i>Journal of the American College of Radiology</i> , 2010, 7, 871-877. | 0.9 | 33 |
| 50 | Cardiac Computed Tomography Technology and Dose-reduction Strategies. <i>Radiologic Clinics of North America</i> , 2010, 48, 657-674. | 0.9 | 25 |
| 51 | Computed Tomographic Colonography: Ready for Prime Time?. <i>Gastroenterology Clinics of North America</i> , 2010, 39, 901-909. | 1.0 | 6 |
| 52 | ACR White Paper on Radiation Dose in Medicine: Three Years Later. <i>Journal of the American College of Radiology</i> , 2010, 7, 865-870. | 0.9 | 77 |
| 53 | Computed Tomographic Coronary Artery Calcium Assessment for Evaluating Chest Pain in the Emergency Department: Long-term Outcome of a Prospective Blind Study. <i>Mayo Clinic Proceedings</i> , 2010, 85, 314-322. | 1.4 | 44 |
| 54 | Diagnosis: Imaging Techniques. <i>Clinics in Chest Medicine</i> , 2010, 31, 641-657. | 0.8 | 11 |
| 55 | Endoscopic and Percutaneous Drainage of Symptomatic Walled-Off Pancreatic Necrosis Reduces Hospital Stay and Radiographic Resources. <i>Clinical Gastroenterology and Hepatology</i> , 2010, 8, 1083-1088. | 2.4 | 100 |
| 56 | Coronary Risk Stratification, Discrimination, and Reclassification Improvement Based on Quantification of Subclinical Coronary Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2010, 56, 1397-1406. | 1.2 | 671 |
| 57 | Radiation dose from coronary CT angiography: Five years of progress. <i>Journal of Cardiovascular Computed Tomography</i> , 2010, 4, 365-374. | 0.7 | 51 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 58 | Weighing the Risks and Benefits of Cardiac Imaging With Ionizing Radiation. JACC: Cardiovascular Imaging, 2010, 3, 528-535. | 2.3 | 52 |
| 59 | The impact of radiation dose exposure during endovascular aneurysm repair on patient safety. Journal of Vascular Surgery, 2010, 52, 298-302. | 0.6 | 56 |
| 60 | Surveillance Computed Tomography Scans for Patients With Lymphoma: Is the Risk Worth the Benefits?. Clinical Lymphoma, Myeloma and Leukemia, 2010, 10, 270-277. | 0.2 | 34 |
| 61 | Patient doses in CT examinations in Switzerland: implementation of national diagnostic reference levels. Radiation Protection Dosimetry, 2010, 142, 244-254. | 0.4 | 122 |
| 62 | Impact of new technologies on dose reduction in CT. European Journal of Radiology, 2010, 76, 28-35. | 1.2 | 97 |
| 63 | Routine Screening for Silent Pulmonary Embolism Is Harmful and Unnecessary. American Journal of Medicine, 2010, 123, e15. | 0.6 | 5 |
| 65 | SPECT Imaging of Pulmonary Emboli with Radiolabeled Thrombus-Specific Imaging Agents. Seminars in Nuclear Medicine, 2010, 40, 474-479. | 2.5 | 15 |
| 66 | Radiation Risk From Medical Imaging. Mayo Clinic Proceedings, 2010, 85, 1142-1146. | 1.4 | 386 |
| 67 | Imaging of acute stroke. Nature Reviews Neurology, 2010, 6, 560-571. | 4.9 | 123 |
| 68 | Trend in the Utilization of CT for Adolescents Admitted to an Adult Level I Trauma Center. Journal of the American College of Radiology, 2010, 7, 796-801. | 0.9 | 15 |
| 69 | Less Is More. Archives of Internal Medicine, 2010, 170, 749. | 4.3 | 192 |
| 70 | Thyroid Cancer Risk 40+ Years after Irradiation for an Enlarged Thymus: An Update of the Hempelmann Cohort. Radiation Research, 2010, 174, 753-762. | 0.7 | 37 |
| 71 | CT Dose Index and Patient Dose: They Are Not the Same Thing. Radiology, 2011, 259, 311-316. | 3.6 | 377 |
| 72 | Clinical evaluation of cardiovascular devices: principles, problems, and proposals for European regulatory reform: Report of a policy conference of the European Society of Cardiology. European Heart Journal, 2011, 32, 1673-1686. | 1.0 | 73 |
| 73 | Minimizing and Communicating Radiation Risk in Pediatric Nuclear Medicine. Journal of Nuclear Medicine, 2011, 52, 1240-1251. | 2.8 | 131 |
| 74 | More Attention Should Be Given to the Risk from CT in the Emergency Department. Radiology, 2011, 259, 923-924. | 3.6 | 0 |
| 75 | A manufacturer's role in reducing the dose of cone beam computed tomography examinations: effect of beam filtration. Dentomaxillofacial Radiology, 2011, 40, 115-122. | 1.3 | 46 |
| 76 | A Low-Cost Real-Time Three-Dimensional Confocal Fluorescence Endomicroscopy Imaging System. , 2011, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 77 | Radiation doses originating from diagnostic procedures during the treatment and follow-up of children and adolescents with malignant lymphoma. <i>Journal of Radiological Protection</i> , 2011, 31, 83-93. | 0.6 | 12 |
| 78 | Ionizing Radiation in Abdominal CT: Unindicated Multiphase Scans Are an Important Source of Medically Unnecessary Exposure. <i>Journal of the American College of Radiology</i> , 2011, 8, 756-761. | 0.9 | 83 |
| 80 | Imaging Use and Cryptorchidism: Determinants of Practice Patterns. <i>Journal of Urology</i> , 2011, 185, 1882-1887. | 0.2 | 29 |
| 81 | Optimizing Radiation Use during Fluoroscopic Procedures: Proceedings from a Multidisciplinary Consensus Panel. <i>Journal of Vascular and Interventional Radiology</i> , 2011, 22, 425-429. | 0.2 | 11 |
| 82 | Will CT Ordering Practices Change if We Educate Residents About the Potential Effects of Radiation Exposure?. <i>Academic Radiology</i> , 2011, 18, 1447-1452. | 1.3 | 16 |
| 83 | AGA Standards for Gastroenterologists for Performing and Interpreting Diagnostic Computed Tomography Colonography: 2011 Update. <i>Gastroenterology</i> , 2011, 141, 2240-2266. | 0.6 | 14 |
| 84 | Minimization of radiation exposure due to computed tomography in inflammatory bowel disease. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2011, 35, 105-110. | 0.7 | 12 |
| 85 | The Year in Epidemiology, Health Services Research, and Outcomes Research. <i>Journal of the American College of Cardiology</i> , 2011, 57, 1859-1866. | 1.2 | 1 |
| 86 | Lung imaging in asthmatic patients: The picture is clearer. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 467-478. | 1.5 | 94 |
| 87 | SCCT guidelines on radiation dose and dose-optimization strategies in cardiovascular CT. <i>Journal of Cardiovascular Computed Tomography</i> , 2011, 5, 198-224. | 0.7 | 424 |
| 88 | Screening for Lung Cancer. <i>Clinics in Chest Medicine</i> , 2011, 32, 659-668. | 0.8 | 23 |
| 89 | Cancer induction caused by radiation due to computed tomography: a critical note. <i>Acta Radiologica</i> , 2011, 52, 767-773. | 0.5 | 31 |
| 90 | Laboratory Testing, Electrocardiography and Imaging. , 2011, , 111-131. | | 0 |
| 91 | Imaging Studies for Germ Cell Tumors. <i>Hematology/Oncology Clinics of North America</i> , 2011, 25, 487-502. | 0.9 | 23 |
| 92 | Reduced Radiation Exposure with the Use of an Air Retrograde Pyelogram During Fluoroscopic Access for Percutaneous Nephrolithotomy. <i>Journal of Endourology</i> , 2011, 25, 563-567. | 1.1 | 41 |
| 93 | Global Quality Imaging: Improvement Actions. <i>Journal of the American College of Radiology</i> , 2011, 8, 330-334. | 0.9 | 11 |
| 94 | Computed Tomography, Magnetic Resonance, and Ultrasound Imaging: Basic Principles, Glossary of Terms, and Patient Safety. <i>Surgical Clinics of North America</i> , 2011, 91, 1-14. | 0.5 | 7 |
| 95 | Testicular microlithiasis: recent advances in understanding and management. <i>Nature Reviews Urology</i> , 2011, 8, 153-163. | 1.9 | 36 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 96 | Imaging of Pulmonary Embolism and Nontraumatic Aortic Pathology. , 2011, , 373-443. | | 0 |
| 97 | Perioperative Patient Radiation Exposure in the Endoscopic Removal of Upper Urinary Tract Calculi. Journal of Endourology, 2011, 25, 1747-1751. | 1.1 | 24 |
| 98 | Diagnosis and Treatment of Cystic Pancreatic Tumors. Clinical Gastroenterology and Hepatology, 2011, 9, 635-648. | 2.4 | 62 |
| 99 | Low-dose CT reconstruction via edge-preserving total variation regularization. Physics in Medicine and Biology, 2011, 56, 5949-5967. | 1.6 | 305 |
| 100 | Diagnosis of Concussion: The Role of Imaging Now and in the Future. Physical Medicine and Rehabilitation Clinics of North America, 2011, 22, 635-652. | 0.7 | 9 |
| 101 | CT Radiation Dose: What Can You Do Right Now in Your Practice?. American Journal of Roentgenology, 2011, 196, 619-625. | 1.0 | 91 |
| 102 | Imaging and Laboratory Testing in Acute Abdominal Pain. Emergency Medicine Clinics of North America, 2011, 29, 175-193. | 0.5 | 20 |
| 103 | Abdominal pain in the ED: a 35 year retrospective. American Journal of Emergency Medicine, 2011, 29, 711-716. | 0.7 | 145 |
| 104 | The role of emergency ultrasound for evaluating acute pyelonephritis in the ED. American Journal of Emergency Medicine, 2011, 29, 721-724. | 0.7 | 39 |
| 105 | Informed consent for computed tomography. American Journal of Emergency Medicine, 2011, 29, 230-232. | 0.7 | 5 |
| 106 | Patterns of Care and Outcomes After Computed Tomography Scans for Headache. American Journal of Medicine, 2011, 124, 58-63.e1. | 0.6 | 20 |
| 107 | Real-World Estimated Effective Radiation Doses From Commonly Used Cardiac Testing and Procedural Modalities. Canadian Journal of Cardiology, 2011, 27, 613-618. | 0.8 | 21 |
| 108 | Posterior cranial fossa morphometry in symptomatic adult Chiari I malformation patients: Comparative clinical and anatomical study. Clinical Neurology and Neurosurgery, 2011, 113, 399-403. | 0.6 | 68 |
| 109 | Management of patient dose in radiology in the UK. Radiation Protection Dosimetry, 2011, 147, 355-372. | 0.4 | 28 |
| 110 | Radiation exposure of vascular surgery patients beyond endovascular procedures. Journal of Vascular Surgery, 2011, 53, 39S-43S. | 0.6 | 22 |
| 111 | Social cognitive neuroscience and leadership. Leadership Quarterly, 2011, 22, 1092-1106. | 3.6 | 70 |
| 112 | Glowing in the dark: time of day as a determinant of radiographic imaging in the evaluation of abdominal pain in children. Journal of Pediatric Surgery, 2011, 46, 188-191. | 0.8 | 38 |
| 113 | Diagnostic imaging in cryptorchidism: utility, indications, and effectiveness. Journal of Pediatric Surgery, 2011, 46, 2406-2413. | 0.8 | 96 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 114 | Unnecessary Imaging for the Staging of Low-risk Prostate Cancer Is Common. <i>Urology</i> , 2011, 77, 274-278. | 0.5 | 77 |
| 115 | Adjuvant Tamsulosin or Nifedipine After Extracorporeal Shock Wave Lithotripsy for Renal Stones: A Double Blind, Randomized, Placebo-controlled Trial. <i>Urology</i> , 2011, 78, 1016-1021. | 0.5 | 30 |
| 116 | Paediatric CT imaging trends in Australia. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2011, 55, 132-142. | 0.9 | 46 |
| 117 | Radiation overexposure following brain perfusion CT scans in California, Florida, and Alabama (2008-2009). <i>Community Oncology</i> , 2011, 8, 89-91. | 0.2 | 2 |
| 118 | Identifying Ureteropelvic Junction Obstruction by Fluorescence Imaging: A Comparative Study of Imaging Modalities to Assess Renal Function and Degree of Obstruction in a Mouse Model. <i>Journal of Urology</i> , 2011, 185, 2405-2413. | 0.2 | 17 |
| 119 | Effective Doses Associated with the Usual Multimodal Examinations in Nuclear Medicine. <i>Revista Española De Medicina Nuclear</i> , 2011, 30, 276-285. | 0.3 | 0 |
| 120 | Prospective audit of cross-sectional imaging and radiation exposure in general surgical patients. <i>Annals of the Royal College of Surgeons of England</i> , 2011, 93, 6-8. | 0.3 | 0 |
| 121 | Quantitative Brain Electrical Activity in the Initial Screening of Mild Traumatic Brain Injuries. <i>Western Journal of Emergency Medicine</i> , 2011, 13, 394-400. | 0.6 | 15 |
| 122 | Responding to Patient Requests for Nonindicated Care. <i>AMA Journal of Ethics</i> , 2011, 13, 16-20. | 0.4 | 3 |
| 123 | Exercise Treadmill Test in Detecting Asymptomatic Coronary Artery Disease in Type 2 Diabetes Mellitus. <i>Diabetes and Metabolism Journal</i> , 2011, 35, 34. | 1.8 | 18 |
| 124 | Chronic daily headache. <i>British Journal of General Practice</i> , 2011, 61, 143.2-144. | 0.7 | 5 |
| 126 | Persistent Sputum Cellularity and Neutrophils May Predict Bronchiectasis. <i>Canadian Respiratory Journal</i> , 2011, 18, 221-224. | 0.8 | 10 |
| 127 | Primary prevention of coronary heart disease: integration of new data, evolving views, revised goals, and role of rosuvastatin in management. A comprehensive survey. <i>Drug Design, Development and Therapy</i> , 2011, 5, 325. | 2.0 | 201 |
| 128 | Cross-Sectional Analysis of the Utility of Pulmonary Function Tests in Predicting Emphysema in Ever-Smokers. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 1324-1340. | 1.2 | 28 |
| 129 | Germ cell tumour: late recurrence after 43 years. <i>Annals of the Royal College of Surgeons of England</i> , 2011, 93, e24-e26. | 0.3 | 11 |
| 130 | Successful Use of Multi-Detector Row Computed Tomography for Detecting Contralateral Breast Cancer. <i>Journal of Computer Assisted Tomography</i> , 2011, 35, 148-152. | 0.5 | 3 |
| 131 | Pediatric Radiation Exposure During the Initial Evaluation for Blunt Trauma. <i>Journal of Trauma</i> , 2011, 70, 724-731. | 2.3 | 48 |
| 132 | Intraoperative Computed Tomography for Deep Brain Stimulation Surgery: Technique and Accuracy Assessment. <i>Operative Neurosurgery</i> , 2011, 68, ons114-ons124. | 0.4 | 57 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 133 | COMMUNICATION OF BENEFITS AND RISKS OF MEDICAL RADIATION: A HISTORICAL PERSPECTIVE. Health Physics, 2011, 101, 562-565. | 0.3 | 10 |
| 134 | Computed Tomographic Analysis of Outer Calvarial Thickness for Osseointegrated Bone-Anchored Hearing System Insertion. Otolaryngology and Neurotology, 2011, 32, 448-452. | 0.7 | 5 |
| 135 | DEFENDING THE USE OF MEDICAL IMAGING. Health Physics, 2011, 100, 318-321. | 0.3 | 5 |
| 136 | Pulmonary CT Angiography to Evaluate for Pulmonary Embolism in Children Visiting Adult-Centered Community Hospitals. American Journal of Roentgenology, 2011, 196, W823-W830. | 1.0 | 1 |
| 137 | Imaging studies for diagnosing invasive fungal pneumonia in immunocompromised patients. Current Opinion in Infectious Diseases, 2011, 24, 309-314. | 1.3 | 51 |
| 138 | Current and Future Trends in Imaging Informatics for Oncology. Cancer Journal (Sudbury, Mass), 2011, 17, 203-210. | 1.0 | 15 |
| 139 | General Management Considerations in Pediatric Facial Fractures. Journal of Craniofacial Surgery, 2011, 22, 1190-1195. | 0.3 | 52 |
| 140 | Missed Injuries in the Era of the Trauma Scan. Journal of Trauma, 2011, 70, 452-458. | 2.3 | 59 |
| 141 | The relationship between plaque imaging characterization and treatment modality selection. Interventional Cardiology, 2011, 3, 597-619. | 0.0 | 0 |
| 142 | Radiation Risks: CT Dose-Reduction Technologies: A Review. Biomedical Instrumentation and Technology, 2011, 45, 453-457. | 0.2 | 1 |
| 143 | High-Value, Cost-Conscious Health Care: Concepts for Clinicians to Evaluate the Benefits, Harms, and Costs of Medical Interventions. Annals of Internal Medicine, 2011, 154, 174. | 2.0 | 265 |
| 144 | Invited Commentary"Emergency Department Neuroimaging: Are We Using our Heads?. Archives of Internal Medicine, 2011, 171, 262. | 4.3 | 8 |
| 146 | Renal and bladder ultrasound. , 2011, , 133-150. | | 1 |
| 148 | Repeated radiological radiation exposure in patients undergoing surgery for urinary tract stone disease in Victoria, Australia. BJU International, 2011, 108, 34-37. | 1.3 | 12 |
| 149 | Hospitalizations and testing in gastroparesis. Journal of Gastroenterology and Hepatology (Australia), 2011, 26, 1275-1282. | 1.4 | 45 |
| 150 | Therapy-related myeloid neoplasms: pathobiology and clinical characteristics. British Journal of Pharmacology, 2011, 162, 792-805. | 2.7 | 101 |
| 151 | Gadolinium and Nephrogenic Systemic Fibrosis: Have We Overreacted?. Seminars in Dialysis, 2011, 24, 480-486. | 0.7 | 8 |
| 152 | Migraine and Medical Malpractice. Headache, 2011, 51, 434-440. | 1.8 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 153 | Risk of Low-Level Ionizing Radiation from Medical Imaging Procedures. <i>Echocardiography</i> , 2011, 28, 593-595. | 0.3 | 4 |
| 154 | Discriminative Accuracy of Novel and Traditional Biomarkers in Children With Suspected Appendicitis Adjusted for Duration of Abdominal Pain. <i>Academic Emergency Medicine</i> , 2011, 18, 567-574. | 0.8 | 49 |
| 155 | Radiological Imaging of Patients With Suspected Urinary Tract Stones: National Trends, Diagnoses, and Predictors. <i>Academic Emergency Medicine</i> , 2011, 18, 699-707. | 0.8 | 147 |
| 156 | System Dynamics and Dysfunctionalities: Levers for Overcoming Emergency Department Overcrowding. <i>Academic Emergency Medicine</i> , 2011, 18, 1255-1261. | 0.8 | 29 |
| 157 | Pancreatitis aguda. <i>GastroenterologĀa Y HepatologĀa</i> , 2011, 34, 89-94. | 0.2 | 3 |
| 158 | A systematic review comparing the appropriateness of the intravenous urogram and the Computed Tomography Urogram in terms of diagnostic accuracy and risk of radiation dose for patients with urolithiasis. <i>Radiography</i> , 2011, 17, 304-310. | 1.1 | 3 |
| 160 | Radiation Risk in Orthopedic Surgery: Ways to Protect Yourself and the Patient. <i>Operative Techniques in Sports Medicine</i> , 2011, 19, 220-223. | 0.2 | 16 |
| 162 | Stroke and Heart Disease: The "Also-Rans" of Radiation Exposure. <i>World Neurosurgery</i> , 2011, 76, 216. | 0.7 | 0 |
| 163 | Current Treatment for the Local Control of Retroperitoneal Sarcomas. <i>Journal of the American College of Surgeons</i> , 2011, 213, 436-446. | 0.2 | 7 |
| 164 | National Trends in Use of Computed Tomography in the Emergency Department. <i>Annals of Emergency Medicine</i> , 2011, 58, 452-462.e3. | 0.3 | 342 |
| 165 | Imaging the Face. , 2011, , 46-72. | | 3 |
| 166 | Imaging Chest Trauma. , 2011, , 297-372. | | 0 |
| 167 | Low-dose computed tomography of the paranasal sinus and facial skull using a high-pitch dual-source system"First clinical results. <i>European Radiology</i> , 2011, 21, 107-112. | 2.3 | 33 |
| 168 | Emergency physician point-of-care ultrasound in the diagnosis of sialolithiasis. <i>The Ultrasound Journal</i> , 2011, 3, 149-151. | 2.0 | 1 |
| 169 | Cumulative Imaging Radiation Exposure Following Breast-Conservation Therapy. <i>Annals of Surgical Oncology</i> , 2011, 18, 104-108. | 0.7 | 3 |
| 170 | Magnetic Resonance Enterography: Safe and Effective Imaging for Stricture Crohn's Disease. <i>Digestive Diseases and Sciences</i> , 2011, 56, 2906-2913. | 1.1 | 30 |
| 171 | Case studies in the diagnosis and management of Peutz-Jeghers syndrome. <i>Familial Cancer</i> , 2011, 10, 463-468. | 0.9 | 12 |
| 172 | Optimization of patient dose and image quality with z-axis dose modulation for computed tomography (CT) head in acute head trauma and stroke. <i>Emergency Radiology</i> , 2011, 18, 103-107. | 1.0 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 173 | Interdisciplinary Evidence-Based Recommendations for the Follow-Up of Early Stage Seminomatous Testicular Germ Cell Cancer Patients. <i>Strahlentherapie Und Onkologie</i> , 2011, 187, 158-166. | 1.0 | 22 |
| 175 | CT dose and risk estimates in children. <i>Pediatric Radiology</i> , 2011, 41, 483-487. | 1.1 | 38 |
| 176 | Advances in CT technology and application to pediatric imaging. <i>Pediatric Radiology</i> , 2011, 41, 493-497. | 1.1 | 38 |
| 177 | Current Clinical Applications of Cardiac Computed Tomography. <i>Journal of Cardiovascular Translational Research</i> , 2011, 4, 449-458. | 1.1 | 4 |
| 178 | Established and emerging dose reduction methods in cardiac computed tomography. <i>Journal of Nuclear Cardiology</i> , 2011, 18, 570-579. | 1.4 | 17 |
| 179 | CT Imaging of Pulmonary Embolism: Current Status. <i>Current Cardiovascular Imaging Reports</i> , 2011, 4, 476-484. | 0.4 | 0 |
| 180 | Diagnostic Performance of Multislice CCTA: Is it Ready for Clinical Use. <i>Journal of General Internal Medicine</i> , 2011, 26, 230-231. | 1.3 | 2 |
| 181 | Cancer Risk Related to Gastrointestinal Diagnostic Radiation Exposure. <i>Current Gastroenterology Reports</i> , 2011, 13, 449-457. | 1.1 | 14 |
| 182 | Estimating radiation effective doses from whole body computed tomography scans based on U.S. soldier patient height and weight. <i>BMC Medical Imaging</i> , 2011, 11, 20. | 1.4 | 3 |
| 183 | Minimally invasive scoliosis surgery: an innovative technique in patients with adolescent idiopathic scoliosis. <i>Scoliosis</i> , 2011, 6, 16. | 0.4 | 32 |
| 184 | Abdominal imaging utilization in the emergency department: trends over two decades. <i>International Journal of Emergency Medicine</i> , 2011, 4, 19. | 0.6 | 46 |
| 185 | Large vestibular aqueduct syndrome. <i>Laryngoscope</i> , 2011, 121, 352-357. | 1.1 | 33 |
| 186 | Diffusion-weighted hyperpolarized ¹²⁹ Xe MRI in healthy volunteers and subjects with chronic obstructive pulmonary disease. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1154-1165. | 1.9 | 145 |
| 187 | Variability of radiation exposure with in-office sinus computed tomography examinations. <i>International Forum of Allergy and Rhinology</i> , 2011, 1, 313-318. | 1.5 | 6 |
| 188 | Secondary malignancies among nonseminomatous germ cell tumor cancer survivors. <i>Cancer</i> , 2011, 117, 4219-4230. | 2.0 | 18 |
| 189 | Medical radiation exposure in children with inflammatory bowel disease estimates high cumulative doses. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 2326-2332. | 0.9 | 78 |
| 190 | Patient Perceptions of Computed Tomographic Imaging and Their Understanding of Radiation Risk and Exposure. <i>Annals of Emergency Medicine</i> , 2011, 58, 1-7.e2. | 0.3 | 113 |
| 191 | Rethinking Testing for Pulmonary Embolism: Less Is More. <i>Annals of Emergency Medicine</i> , 2011, 57, 622-627.e3. | 0.3 | 44 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 192 | Radiation exposure from imaging tests: is there an increased cancer risk?. Expert Review of Cardiovascular Therapy, 2011, 9, 177-183. | 0.6 | 61 |
| 193 | Detection of Pulmonary Emboli With ^{99m} Tc-Labeled Anti-D-dimer (DI-80B3)Fab ² Fragments (ThromboView). American Journal of Respiratory and Critical Care Medicine, 2011, 184, 708-714. | 2.5 | 24 |
| 194 | A practical approach to estimate the weighted CT dose index over an infinite integration length. Physics in Medicine and Biology, 2011, 56, 5789-5803. | 1.6 | 26 |
| 195 | Informatics in Radiology: RADIANCE: An Automated, Enterprise-wide Solution for Archiving and Reporting CT Radiation Dose Estimates. Radiographics, 2011, 31, 1833-1846. | 1.4 | 52 |
| 196 | Rising Use of CT in Child Visits to the Emergency Department in the United States, 1995-2008. Radiology, 2011, 259, 793-801. | 3.6 | 216 |
| 197 | Clinical high-risk factors for subarachnoid hemorrhage. Nature Reviews Neurology, 2011, 7, 134-135. | 4.9 | 1 |
| 198 | National Trends in CT Use in the Emergency Department: 1995-2007. Radiology, 2011, 258, 164-173. | 3.6 | 383 |
| 199 | The risks of radiation exposure related to diagnostic imaging and how to minimise them. BMJ: British Medical Journal, 2011, 342, d947-d947. | 2.4 | 105 |
| 200 | Impact of Reduced Patient Life Expectancy on Potential Cancer Risks from Radiologic Imaging. Radiology, 2011, 261, 193-198. | 3.6 | 101 |
| 201 | Current Imaging Assessment and Treatment of Intracranial Aneurysms. American Journal of Roentgenology, 2011, 196, 32-44. | 1.0 | 92 |
| 202 | Optimization of 64-MDCT Urography: Effect of Dual-Phase Imaging With Furosemide on Collecting System Opacification and Radiation Dose. American Journal of Roentgenology, 2011, 197, W882-W886. | 1.0 | 17 |
| 203 | Fears, Feelings, and Facts: Interactively Communicating Benefits and Risks of Medical Radiation With Patients. American Journal of Roentgenology, 2011, 196, 756-761. | 1.0 | 103 |
| 204 | Automated Extraction of Radiation Dose Information From CT Dose Report Images. American Journal of Roentgenology, 2011, 196, W781-W783. | 1.0 | 17 |
| 205 | Is Ultrasonography Preferable to Computed Tomography for Serial Measurements of Thyroid Volume?. Thyroid, 2011, 21, 1041-1041. | 2.4 | 0 |
| 206 | CT effective dose per dose length product using ICRP 103 weighting factors. Medical Physics, 2011, 38, 1261-1265. | 1.6 | 142 |
| 207 | Interdisciplinary Evidence-Based Recommendations for the Follow-Up of Testicular Germ Cell Cancer Patients. Oncology Research and Treatment, 2011, 34, 59-64. | 0.8 | 24 |
| 208 | Practical Imaging Algorithm for Adult Pyogenic Osteomyelitis. Techniques in Orthopaedics, 2011, 26, 224-232. | 0.1 | 1 |
| 209 | Randomized Trials in 2466 Patients With Stage I Seminoma: Patterns of Relapse and Follow-up. Journal of the National Cancer Institute, 2011, 103, 241-249. | 3.0 | 128 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 210 | Multi-detector computed tomography coronary angiography: the incidental lung findings. Journal of the Royal Society of Medicine, 2011, 104, 50-51. | 1.1 | 5 |
| 211 | Contemporary Diagnostic Imaging Modalities for the Staging and Surveillance of Melanoma Patients: a Meta-analysis. Journal of the National Cancer Institute, 2011, 103, 129-142. | 3.0 | 297 |
| 212 | CT in COPD: just a pretty picture or really worth a thousand words (or dollars)?. Thorax, 2011, 66, 741-742. | 2.7 | 5 |
| 213 | Evaluation of screening-detected lung nodules: minimising the risk of unnecessary biopsy and surgery. Thorax, 2011, 66, 277-279. | 2.7 | 4 |
| 214 | The Diagnostic Value of Halo and Reversed Halo Signs for Invasive Mold Infections in Compromised Hosts. Clinical Infectious Diseases, 2011, 52, 1144-1155. | 2.9 | 247 |
| 215 | Quality Initiatives: CT Radiation Dose Reduction: How to Implement Change without Sacrificing Diagnostic Quality. Radiographics, 2011, 31, 1823-1832. | 1.4 | 107 |
| 216 | The Contribution of Diagnostic Imaging in Rare Gynaecological Malignancies. , 2011, , 15-64. | | 0 |
| 217 | Radiation Dose: Records and Audits. Medical Radiology, 2011, , 195-208. | 0.0 | 0 |
| 218 | Lung cancer screening with low-dose helical CT: results from the National Lung Screening Trial (NLST). Journal of Medical Screening, 2011, 18, 109-111. | 1.1 | 139 |
| 219 | Electronic decision support for diagnostic imaging in a primary care setting. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 267-270. | 2.2 | 39 |
| 220 | Thyroid Cancer Incidence in New Jersey: Time Trend, Birth Cohort and Socioeconomic Status Analysis (1979-2006). Journal of Environmental and Public Health, 2011, 2011, 1-10. | 0.4 | 29 |
| 221 | Estimated Radiation Exposure from Medical Imaging in Hemodialysis Patients. Journal of the American Society of Nephrology: JASN, 2011, 22, 571-578. | 3.0 | 37 |
| 222 | Stress echocardiography in the age of multi-detector computed tomography. European Journal of Echocardiography, 2011, 12, 1-2. | 2.3 | 6 |
| 223 | Hepatic and Extrahepatic Cancer in Cirrhosis: A Longitudinal Cohort Study. American Journal of Gastroenterology, 2011, 106, 899-906. | 0.2 | 27 |
| 224 | Managing Radiation Use in Medical Imaging: A Multifaceted Challenge. Radiology, 2011, 258, 889-905. | 3.6 | 272 |
| 225 | The use of central venous catheters for intravenous contrast injection for CT examinations. British Journal of Radiology, 2011, 84, 197-203. | 1.0 | 38 |
| 226 | Coronary CT angiography for acute chest pain triage: Techniques for radiation exposure reduction; 128 vs. 64 multidetector CT. Acta Radiologica, 2011, 52, 840-845. | 0.5 | 3 |
| 227 | Organ and effective dose reduction in adult chest CT using abdominal lead shielding. British Journal of Radiology, 2011, 84, 1020-1026. | 1.0 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 228 | Reducing Patient Radiation Dose during CT-Guided Procedures: Demonstration in Spinal Injections for Pain. <i>American Journal of Neuroradiology</i> , 2011, 32, 1776-1782. | 1.2 | 37 |
| 229 | Use of computer assisted orthopedic surgery in pelvic and acetabular trauma. <i>Acta Medica Academica</i> , 2011, 40, 166-173. | 0.3 | 2 |
| 230 | Female Breast, Lung, and Pelvic Organ Radiation From Dose-Reduced 64-MDCT Thoracic Examination Protocols: A Phantom Study. <i>American Journal of Roentgenology</i> , 2011, 197, 929-934. | 1.0 | 13 |
| 231 | Assessment of paediatric CT dose indicators for the purpose of optimisation. <i>British Journal of Radiology</i> , 2012, 85, 1488-1498. | 1.0 | 48 |
| 232 | Low-Dose Abdominal CT for Evaluating Suspected Appendicitis. <i>New England Journal of Medicine</i> , 2012, 366, 1596-1605. | 13.9 | 260 |
| 233 | Radiation Dose Reduction at Multidetector CT with Adaptive Statistical Iterative Reconstruction for Evaluation of Urolithiasis: How Low Can We Go?. <i>Radiology</i> , 2012, 265, 158-166. | 3.6 | 111 |
| 234 | Shifting Up Cutoff Value of D-Dimer in the Evaluation of Pulmonary Embolism: A Viable Option? Possible Risks and Benefits. <i>Emergency Medicine International</i> , 2012, 2012, 1-6. | 0.3 | 8 |
| 235 | Clinical usefulness of adjusted D-dimer cut-off values to exclude pulmonary embolism in a community hospital emergency department patient population. <i>Acta Radiologica</i> , 2012, 53, 765-768. | 0.5 | 15 |
| 236 | Radiation exposure in patients with inflammatory bowel disease—primum non nocere?. <i>Scandinavian Journal of Gastroenterology</i> , 2012, 47, 1192-1199. | 0.6 | 24 |
| 237 | Human Embryonic Stem Cell Responses to Ionizing Radiation Exposures: Current State of Knowledge and Future Challenges. <i>Stem Cells International</i> , 2012, 2012, 1-11. | 1.2 | 18 |
| 238 | Preliminary Evaluation of Ultra-High Pitch Computed Tomography Enterography. <i>Acta Radiologica</i> , 2012, 53, 1088-1091. | 0.5 | 4 |
| 239 | Grossesse et risques d'irradiations en radiodiagnostic: État des connaissances des usagers au CHU de Yopougon (Abidjan, Côte d'Ivoire). <i>Radioprotection</i> , 2012, 47, 553-560. | 0.5 | 2 |
| 240 | Developing an Action Plan for Patient Radiation Safety in Adult Cardiovascular Medicine. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 400-414. | 1.3 | 5 |
| 241 | Cytogenetic biodosimetry for Fukushima travelers after the nuclear power plant accident: no evidence of enhanced yield of dicentrics. <i>Journal of Radiation Research</i> , 2012, 53, 876-881. | 0.8 | 29 |
| 242 | Fast Monte Carlo simulation for patient-specific CT/CBCT imaging dose calculation. <i>Physics in Medicine and Biology</i> , 2012, 57, 577-590. | 1.6 | 63 |
| 243 | Computed Tomography Associated Cancers and Cancer Deaths Following Visits to U.S. Emergency Departments. <i>International Journal of Health Services</i> , 2012, 42, 591-605. | 1.2 | 5 |
| 244 | Use of Lung Cancer Screening Tests in the United States: Results from the 2010 National Health Interview Survey. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 1049-1059. | 1.1 | 75 |
| 245 | Falling Prey to the Sunk Cost Bias: A Potential Harm of Patient Radiation Dose Histories. <i>Radiology</i> , 2012, 263, 626-628. | 3.6 | 33 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 246 | Low-Dose Multidetector CT Angiography in the Evaluation of Infrarenal Aorta and Peripheral Arterial Occlusive Disease. <i>Radiology</i> , 2012, 263, 287-298. | 3.6 | 56 |
| 247 | The Federal Government's Oversight of CT Safety: Regulatory Possibilities. <i>Radiology</i> , 2012, 262, 391-398. | 3.6 | 12 |
| 248 | Emphysema Quantification by Low-Dose CT: Potential Impact of Adaptive Iterative Dose Reduction Using 3D Processing. <i>American Journal of Roentgenology</i> , 2012, 199, 595-601. | 1.0 | 47 |
| 250 | High rates of surveillance imaging for treated diffuse large B-cell lymphoma: findings from a large national database. <i>Leukemia and Lymphoma</i> , 2012, 53, 1113-1116. | 0.6 | 38 |
| 251 | Detection of Urothelial Tumors: Comparison of Urothelial Phase with Excretory Phase CT Urography—A Prospective Study. <i>Radiology</i> , 2012, 264, 110-118. | 3.6 | 62 |
| 252 | Should We Obtain Informed Consent for Examinations That Expose Patients to Radiation?. <i>American Journal of Roentgenology</i> , 2012, 199, 664-669. | 1.0 | 37 |
| 253 | The Information Imperative: Is It Time for an Informed Consent Process Explaining the Risks of Medical Radiation?. <i>Radiology</i> , 2012, 262, 15-18. | 3.6 | 64 |
| 254 | MR Imaging of Pulmonary Embolism: Diagnostic Accuracy of Contrast-enhanced 3D MR Pulmonary Angiography, Contrast-enhanced Low-Flip Angle 3D GRE, and Nonenhanced Free-Induction FISP Sequences. <i>Radiology</i> , 2012, 263, 271-278. | 3.6 | 95 |
| 255 | Radiation Exposure from CT Scans: How to Close Our Knowledge Gaps, Monitor and Safeguard Exposure—Proceedings and Recommendations of the Radiation Dose Summit, Sponsored by NIBIB, February 24–25, 2011. <i>Radiology</i> , 2012, 265, 544-554. | 3.6 | 88 |
| 256 | Extracorporeal Shockwave Lithotripsy Versus Ureteroscopy: A Comparison of Intraoperative Radiation Exposure During the Management of Nephrolithiasis. <i>Journal of Endourology</i> , 2012, 26, 597-601. | 1.1 | 19 |
| 257 | A surgical drill guide for pedicle screw placement. , 2012, , . | | 4 |
| 258 | The NICE guidelines on the assessment of chest pain. <i>Journal of the Royal Society of Medicine</i> , 2012, 105, 192-194. | 1.1 | 3 |
| 259 | Organ doses and risks of computed tomography examinations in Recife, Brazil. <i>Journal of Radiological Protection</i> , 2012, 32, 251-260. | 0.6 | 9 |
| 260 | Primary Care Attributes and Mortality: A National Person-Level Study. <i>Annals of Family Medicine</i> , 2012, 10, 34-41. | 0.9 | 53 |
| 261 | Medical emergencies in medical imaging. <i>BMJ Quality and Safety</i> , 2012, 21, 446-447. | 1.8 | 1 |
| 262 | Role of DaTSCAN and clinical diagnosis in Parkinson disease. <i>Neurology</i> , 2012, 78, 696-701. | 1.5 | 125 |
| 263 | Adequacy of Low Dose Computed Tomography in Patients Presenting with Acute Urinary Colic. <i>Journal of Endourology</i> , 2012, 26, 1242-1246. | 1.1 | 4 |
| 264 | Strengthening the Argument for Rapid Brain MR Imaging: Estimation of Reduction in Lifetime Attributable Risk of Developing Fatal Cancer in Children with Shunted Hydrocephalus by Instituting a Rapid Brain MR Imaging Protocol in Lieu of Head CT. <i>American Journal of Neuroradiology</i> , 2012, 33, 1851-1854. | 1.2 | 66 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 265 | Who Benefits From Surveillance Imaging?. Journal of Clinical Oncology, 2012, 30, 2579-2580. | 0.8 | 21 |
| 266 | Extended Office Hours and Health Care Expenditures: A National Study. Annals of Family Medicine, 2012, 10, 388-395. | 0.9 | 28 |
| 267 | Comparison of operator radiation exposure between C-arm and O-arm fluoroscopy for orthopaedic surgery. Radiation Protection Dosimetry, 2012, 148, 431-438. | 0.4 | 31 |
| 268 | Low Contrast Agent and Radiation Dose Protocol for Hepatic Dynamic CT of Thin Adults at 256â€“Detector Row CT: Effect of Low Tube Voltage and Hybrid Iterative Reconstruction Algorithm on Image Quality. Radiology, 2012, 264, 445-454. | 3.6 | 127 |
| 269 | Minimization of Radiation Exposure due to Computed Tomography in Inflammatory Bowel Disease. ISRN Gastroenterology, 2012, 2012, 1-7. | 1.5 | 14 |
| 271 | Cumulative radiation dose from medical imaging in kidney transplant patients. Nephrology Dialysis Transplantation, 2012, 27, 3645-3651. | 0.4 | 20 |
| 272 | Airway imaging in disease: Gimmick or useful tool?. Journal of Applied Physiology, 2012, 113, 636-646. | 1.2 | 19 |
| 273 | CT Scanning in Pregnancy. Medical Radiology, 2012, , 437-451. | 0.0 | 0 |
| 275 | Validation of Dual-Source Single-Tube Reconstruction as a Method to Obtain Half-Dose Images to Evaluate Radiation Dose and Noise Reduction. Journal of Computer Assisted Tomography, 2012, 36, 560-569. | 0.5 | 44 |
| 276 | Triple-Rule-Out Computed Tomography Angiography With 256-Slice Computed Tomography Scanners. Investigative Radiology, 2012, 47, 109-115. | 3.5 | 21 |
| 277 | Evidence-based guidelines are equivalent to a liberal computed tomography scan protocol for initial patient evaluation but are associated with decreased computed tomography scan use, cost, and radiation exposure. Journal of Trauma and Acute Care Surgery, 2012, 73, 573-579. | 1.1 | 18 |
| 278 | Repeated computed tomographic scans in transferred trauma patients. Journal of Trauma and Acute Care Surgery, 2012, 73, 1564-1569. | 1.1 | 41 |
| 279 | Implantable Continuous Doppler Monitoring Device for Detection of Hepatic Artery Thrombosis After Liver Transplantation. Transplantation, 2012, 94, 958-964. | 0.5 | 13 |
| 280 | The Accuracy of Navigation and 3D Image-Guided Placement for the Placement of Pedicle Screws in Congenital Spine Deformity. Journal of Pediatric Orthopaedics, 2012, 32, e23-e29. | 0.6 | 84 |
| 281 | Variations in US Hospital Performance on Imaging-use Measures. Medical Care, 2012, 50, 808-814. | 1.1 | 22 |
| 282 | Repeat imaging in trauma transfers. Journal of Trauma, 2012, 72, 1255-1262. | 2.3 | 42 |
| 283 | Effect of lesion blurring on observer performance in AFC experiments using chest CT images. , 2012, , . | | 0 |
| 284 | Radiation exposure has increased in trauma patients over time. Journal of Trauma, 2012, 72, 410-415. | 2.3 | 34 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 285 | Sonography First for Acute Flank Pain?. Journal of Ultrasound in Medicine, 2012, 31, 1703-1711. | 0.8 | 36 |
| 286 | CT Overuse for Mild Traumatic Brain Injury. Joint Commission Journal on Quality and Patient Safety, 2012, 38, 483-489. | 0.4 | 89 |
| 287 | Second Malignant Neoplasms in Testicular Cancer Survivors. Journal of the National Comprehensive Cancer Network: JNCCN, 2012, 10, 545-556. | 2.3 | 36 |
| 288 | Penetrating neck trauma: a case for conservative approach. Yearbook of Critical Care Medicine, 2012, 2012, 240-242. | 0.2 | 0 |
| 289 | Radiation and Chest CT Scans. Chest, 2012, 142, 549-550. | 0.4 | 15 |
| 290 | Cumulative Radiation Dose From Medical Imaging Procedures in Patients Undergoing Resection for Lung Cancer. Yearbook of Pulmonary Disease, 2012, 2012, 91-94. | 0.4 | 0 |
| 291 | Acute Pulmonary Exacerbations of Sarcoidosis. Chest, 2012, 142, 827-836. | 0.4 | 61 |
| 292 | Do we glow? Evaluation of trauma team work habits and radiation exposure. Journal of Trauma and Acute Care Surgery, 2012, 73, 605-611. | 1.1 | 10 |
| 293 | Clinical decision support systems for utilization of CT in the emergency department. Imaging in Medicine, 2012, 4, 605-611. | 0.0 | 2 |
| 294 | Beyond the bombs: cancer risks of low-dose medical radiation. Lancet, The, 2012, 380, 455-457. | 6.3 | 46 |
| 295 | Acute diverticulitis: demographic, clinical and laboratory features associated with computed tomography findings in 741 patients. Alimentary Pharmacology and Therapeutics, 2012, 36, 886-894. | 1.9 | 34 |
| 296 | A Comparative Evaluation of Radiologic and Clinical Scoring Systems in the Early Prediction of Severity in Acute Pancreatitis. American Journal of Gastroenterology, 2012, 107, 612-619. | 0.2 | 273 |
| 297 | Limitations of Ultrasonography in the Evaluation of Urolithiasis: A Correlation With Computed Tomography. Journal of Endourology, 2012, 26, 209-213. | 1.1 | 48 |
| 298 | Relationship Between the Bertin Index to Estimate Visceral Adipose Tissue From Dual-Energy X-Ray Absorptiometry and Cardiometabolic Risk Factors Before and After Weight Loss. Obesity, 2012, 20, 886-890. | 1.5 | 7 |
| 299 | Application of proteomics to cerebrovascular disease. Electrophoresis, 2012, 33, 3582-3597. | 1.3 | 16 |
| 300 | Human hand modelling: kinematics, dynamics, applications. Biological Cybernetics, 2012, 106, 741-755. | 0.6 | 72 |
| 301 | Is Ultrasound Imaging Inferior to Computed Tomography or Magnetic Resonance Imaging in Evaluating Renal Mass Size?. Urology, 2012, 79, 28-31. | 0.5 | 28 |
| 302 | The Impact of Socioeconomic Status and Comorbid Medical Conditions on Ionizing Radiation Exposure From Diagnostic Medical Imaging in Adults. Journal of the American College of Radiology, 2012, 9, 58-63. | 0.9 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 303 | The Recent Downturn in Utilization of CT: The Start of a New Trend?. Journal of the American College of Radiology, 2012, 9, 795-798. | 0.9 | 65 |
| 304 | Trauma in Pregnancy. Emergency Medicine Clinics of North America, 2012, 30, 937-948. | 0.5 | 11 |
| 305 | The Role and Potential of Imaging in COPD. Medical Clinics of North America, 2012, 96, 729-743. | 1.1 | 19 |
| 306 | Using the Internet for Image Transfer in a Regional Trauma Network: Effect on CT Repeat Rate, Cost, and Radiation Exposure. Journal of the American College of Radiology, 2012, 9, 648-656. | 0.9 | 33 |
| 307 | Utilization Strategies for Cumulative Dose Estimates: A Review and Rational Assessment. Journal of the American College of Radiology, 2012, 9, 480-485. | 0.9 | 46 |
| 308 | Use of Abdominopelvic Computed Tomography in Emergency Departments and Rates of Urgent Diagnoses in Crohn's Disease. Clinical Gastroenterology and Hepatology, 2012, 10, 52-57. | 2.4 | 42 |
| 309 | Imaging for Luminal Disease and Complications: CT Enterography, MR Enterography, Small-Bowel Follow-Through, and Ultrasound. Gastroenterology Clinics of North America, 2012, 41, 497-512. | 1.0 | 31 |
| 310 | Use of BMI Guidelines and Individual Dose Tracking to Minimize Radiation Exposure from Low-dose Helical Chest CT Scanning in a Lung Cancer Screening Program. Academic Radiology, 2012, 19, 84-88. | 1.3 | 20 |
| 311 | Contrast-to-Noise Ratio and Low-Contrast Object Resolution on Full- and Low-Dose MDCT: SAFIRE Versus Filtered Back Projection in a Low-Contrast Object Phantom and in the Liver. American Journal of Roentgenology, 2012, 199, 8-18. | 1.0 | 151 |
| 312 | A prospective study on the use of intraoperative computed tomography (iCT) for image-guided placement of thoracic pedicle screws. British Journal of Neurosurgery, 2012, 26, 838-844. | 0.4 | 27 |
| 313 | Is DaTSCAN really needed for accurate Parkinson's disease diagnosis?. Expert Review of Neurotherapeutics, 2012, 12, 1375-1377. | 1.4 | 4 |
| 314 | Diagnostic Accuracy of Computed Tomography Using Lower Doses of Radiation for Patients With Crohn's Disease. Clinical Gastroenterology and Hepatology, 2012, 10, 886-892. | 2.4 | 45 |
| 315 | Does This Adult Patient Have a Blunt Intra-abdominal Injury?. JAMA - Journal of the American Medical Association, 2012, 307, 1517. | 3.8 | 127 |
| 316 | Computed tomography angiography in patients with suspected pulmonary embolism"too often considered?. American Journal of Emergency Medicine, 2012, 30, 325-330. | 0.7 | 14 |
| 317 | Patient-centered Imaging. American Journal of Medicine, 2012, 125, 115-117. | 0.6 | 20 |
| 318 | Minimizing radiation exposure to the vascular surgeon. Journal of Vascular Surgery, 2012, 55, 799-805. | 0.6 | 38 |
| 319 | Gadofosveset-enhanced magnetic resonance angiography as a means of evaluating pulmonary arteriovenous malformation: a case report. Magnetic Resonance Imaging, 2012, 30, 886-888. | 1.0 | 6 |
| 320 | Adrenal incidentalomas. Best Practice and Research in Clinical Endocrinology and Metabolism, 2012, 26, 69-82. | 2.2 | 69 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 321 | A review of patient dose and optimisation methods in adult and paediatric CT scanning. <i>European Journal of Radiology</i> , 2012, 81, e665-e683. | 1.2 | 143 |
| 322 | Radiation dose reduction in CT-guided periradicular injections in lumbar spine: Feasibility of a new institutional protocol for improved patient safety. <i>Patient Safety in Surgery</i> , 2012, 6, 19. | 1.1 | 15 |
| 323 | Overuse of Computed Tomography Pulmonary Angiography in the Evaluation of Patients with Suspected Pulmonary Embolism in the Emergency Department. <i>Academic Emergency Medicine</i> , 2012, 19, 1219-1226. | 0.8 | 75 |
| 324 | Pulmonary Embolism. <i>Emergency Medicine Clinics of North America</i> , 2012, 30, 329-375. | 0.5 | 13 |
| 325 | Potential Impact of Radiation Biology in Radiation Protection in Nuclear Medicine and Corresponding Regulatory Issues. <i>Medical Radiology</i> , 2012, , 835-842. | 0.0 | 0 |
| 326 | Radiation and Chest CT Scan Examinations. <i>Chest</i> , 2012, 142, 750-760. | 0.4 | 110 |
| 327 | Cost-effectiveness of Diagnostic Strategies for Evaluation of Suspected Subarachnoid Hemorrhage in the Emergency Department. <i>Academic Emergency Medicine</i> , 2012, 19, 1134-1144. | 0.8 | 29 |
| 328 | Computed Tomographic and Magnetic Resonance Colonography: Challenge for Colonoscopy. <i>Digestive Diseases</i> , 2012, 30, 60-67. | 0.8 | 4 |
| 329 | Metabolomic response of human skin tissue to low dose ionizing radiation. <i>Molecular BioSystems</i> , 2012, 8, 1979. | 2.9 | 31 |
| 330 | Low-dose cardiac imaging: reducing exposure but not accuracy. <i>Expert Review of Cardiovascular Therapy</i> , 2012, 10, 89-104. | 0.6 | 19 |
| 331 | Dual-Energy CT: Radiation Dose Aspects. <i>American Journal of Roentgenology</i> , 2012, 199, S16-S25. | 1.0 | 165 |
| 332 | Effects of Radiation Exposure From Cardiac Imaging. <i>Journal of the American College of Cardiology</i> , 2012, 59, 553-565. | 1.2 | 193 |
| 333 | Developing an Action Plan for Patient Radiation Safety in Adult Cardiovascular Medicine. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1833-1847. | 1.2 | 31 |
| 334 | Cardiac Imaging Modalities With Ionizing Radiation. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 634-640. | 2.3 | 11 |
| 335 | Pediatric Syncope: National Hospital Ambulatory Medical Care Survey Results. <i>Journal of Emergency Medicine</i> , 2012, 43, 575-583. | 0.3 | 37 |
| 336 | Performance of longitudinal and volumetric tube current modulation in a 64-slice CT with different choices of acquisition and reconstruction parameters. <i>Physica Medica</i> , 2012, 28, 319-326. | 0.4 | 28 |
| 337 | A novel tool for user-friendly estimation of natural, diagnostic and professional radiation risk: Radio-Risk software. <i>European Journal of Radiology</i> , 2012, 81, 3563-3567. | 1.2 | 10 |
| 338 | Computed tomography scout views vs. conventional radiography in body-packers – Delineation of body-packs and radiation dose in a porcine model. <i>European Journal of Radiology</i> , 2012, 81, 3883-3889. | 1.2 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 339 | 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 |
| 340 | The treatment of pulmonary sarcoidosis. <i>Respiratory Medicine</i> , 2012, 106, 1351-1361. | 1.3 | 67 |
| 341 | Imaging Calculi in Pregnancy—Is the Future Ultra Low Dose Computerized Tomography with Iterative Reconstruction Technique?. <i>Journal of Urology</i> , 2012, 188, 12-13. | 0.2 | 3 |
| 342 | Is Repeat Head Computed Tomography Necessary in Children Admitted with Mild Head Injury and Normal Neurological Exam?. <i>Pediatric Neurosurgery</i> , 2012, 48, 221-224. | 0.4 | 10 |
| 343 | CT and MRI lower extremity torsional profile studies: Measurement reproducibility. <i>Journal of Children's Orthopaedics</i> , 2012, 6, 391-396. | 0.4 | 40 |
| 344 | Impact of Socioeconomic Status on Ionizing Radiation Exposure From Medical Imaging in Children. <i>Journal of the American College of Radiology</i> , 2012, 9, 799-807. | 0.9 | 13 |
| 345 | Imaging Hip Dysplasia in the Skeletally Mature. <i>Orthopedic Clinics of North America</i> , 2012, 43, 329-342. | 0.5 | 9 |
| 346 | Imaging in Clinical Trials. , 2012, , 597-617. | | 1 |
| 347 | Diagnostic imaging strategy for MDCT- or MRI-detected breast lesions: use of targeted sonography. <i>BMC Medical Imaging</i> , 2012, 12, 13. | 1.4 | 2 |
| 348 | Approach to the Small Renal Mass: to Treat or Not to Treat. <i>Urologic Clinics of North America</i> , 2012, 39, 171-179. | 0.8 | 10 |
| 349 | Can erosions on MRI of the sacroiliac joints be reliably detected in patients with ankylosing spondylitis? A cross-sectional study. <i>Arthritis Research and Therapy</i> , 2012, 14, R124. | 1.6 | 92 |
| 350 | Trends of Increasing Medical Radiation Exposure in a Population Hospitalized for Cardiovascular Disease (1970–2009). <i>PLoS ONE</i> , 2012, 7, e50168. | 1.1 | 14 |
| 351 | CT Scans: Balancing Health Risks and Medical Benefits. <i>Environmental Health Perspectives</i> , 2012, 120, A118-21. | 2.8 | 27 |
| 352 | Progress in atherosclerotic plaque imaging. <i>World Journal of Radiology</i> , 2012, 4, 353. | 0.5 | 22 |
| 353 | The Democratization of Dental Implants for General Dentistry. <i>Pharmaceutical Regulatory Affairs: Open Access</i> , 2012, 01, . | 0.2 | 0 |
| 354 | Radiation Dose From Medical Imaging: A Primer for Emergency Physicians. <i>Western Journal of Emergency Medicine</i> , 2012, 13, 202-210. | 0.6 | 44 |
| 355 | Use of coronary CT angiography in the diagnosis of patients with suspected coronary artery disease: findings and clinical indications. <i>Journal of Geriatric Cardiology</i> , 2012, 9, 115-122. | 0.2 | 10 |
| 356 | Bladder Bulge: Unifying Old and New Sonographic Bladder Wall Abnormalities in Ureterolithiasis. <i>Western Journal of Emergency Medicine</i> , 2012, 13, 517-523. | 0.6 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-------|-----------|
| 357 | Trends of CT Use in the Adult Emergency Department in a Tertiary Academic Hospital of Korea during 2001-2010. Korean Journal of Radiology, 2012, 13, 536. | 1.5 | 21 |
| 358 | Benefits and Harms of CT Screening for Lung Cancer. JAMA - Journal of the American Medical Association, 2012, 307, 2418. | 3.8 | 1,057 |
| 359 | Radiology's ethical responsibility for healthcare reform: Tempering the overutilization of medical imaging and trimming down a heavyweight. Journal of Magnetic Resonance Imaging, 2012, 35, 512-517. | 1.9 | 47 |
| 360 | CT Scans: Bad habit or necessity?. Inflammatory Bowel Diseases, 2012, 18, 1797-1798. | 0.9 | 0 |
| 361 | Developing an action plan for patient radiation safety in adult cardiovascular medicine. Journal of Nuclear Cardiology, 2012, 19, 534-550. | 1.4 | 9 |
| 362 | CT image quality improvement using adaptive iterative dose reduction with wide-volume acquisition on 320-detector CT. European Radiology, 2012, 22, 295-301. | 2.3 | 226 |
| 363 | DNA double-strand breaks as potential indicators for the biological effects of ionising radiation exposure from cardiac CT and conventional coronary angiography: a randomised, controlled study. European Radiology, 2012, 22, 1641-1650. | 2.3 | 32 |
| 364 | Necessity of 3D visualization for the removal of lower wisdom teeth: required sample size to prove non-inferiority of panoramic radiography compared to CBCT. Clinical Oral Investigations, 2012, 16, 699-706. | 1.4 | 34 |
| 365 | Predictors of Fluoroscopy Time and Procedural Failure During Biventricular Device Implantation. American Journal of Cardiology, 2012, 110, 240-245. | 0.7 | 7 |
| 366 | Emergency Department Computed Tomography Use Under Fire. Annals of Emergency Medicine, 2012, 59, A17-A19. | 0.3 | 0 |
| 367 | UK Management Practices in Stage I Seminoma and the Medical Research Council Trial of Imaging and Schedule in Seminoma Testis Managed with Surveillance. Clinical Oncology, 2012, 24, 25-29. | 0.6 | 32 |
| 368 | Comparison of radiation exposure of trauma patients from diagnostic radiology procedures before and after the introduction of a panscan protocol. EMA - Emergency Medicine Australasia, 2012, 24, 43-51. | 0.5 | 57 |
| 369 | A systematic review of radiation dose associated with different generations of multidetector CT coronary angiography. Journal of Medical Imaging and Radiation Oncology, 2012, 56, 5-17. | 0.9 | 45 |
| 370 | Update on the biological effects of ionizing radiation, relative dose factors and radiation hygiene. Australian Dental Journal, 2012, 57, 2-8. | 0.6 | 53 |
| 371 | Early diagnosis of cancer by imaging: The primary care perspective. Radiography, 2012, 18, 5-8. | 1.1 | 4 |
| 372 | Radiation risks: Critical analysis and commentary. Preventive Medicine, 2012, 54, 280-282. | 1.6 | 14 |
| 373 | Cancer risks associated with external radiation from diagnostic imaging procedures. Ca-A Cancer Journal for Clinicians, 2012, 62, 75-100. | 157.7 | 287 |
| 374 | Quantitative pulmonary imaging using computed tomography and magnetic resonance imaging. Respiriology, 2012, 17, 432-444. | 1.3 | 48 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 375 | Low-dose computed tomography versus plain abdominal radiography in the investigation of an acute abdomen. ANZ Journal of Surgery, 2012, 82, 36-41. | 0.3 | 23 |
| 376 | Adherence to national guidelines for surveillance after curative resection of nonmetastatic colon and rectum cancer: a survey among Norwegian gastrointestinal surgeons. Colorectal Disease, 2012, 14, 320-324. | 0.7 | 17 |
| 377 | Comparison of esophageal screen findings on videofluoroscopy with full esophagram results. Head and Neck, 2012, 34, 264-269. | 0.9 | 35 |
| 378 | Arterial spin labeling angiography using a triple inversion recovery prepulse. Magnetic Resonance in Medicine, 2012, 67, 477-483. | 1.9 | 3 |
| 379 | Low-Dose Cardiovascular Computed Tomography: Where are the Limits?. Current Cardiology Reports, 2012, 14, 17-23. | 1.3 | 7 |
| 380 | Evaluation of the rate of decompression in anterior cervical corpectomy using an intra-operative computerized tomography scan (O-Arm system). European Spine Journal, 2012, 21, 359-363. | 1.0 | 18 |
| 381 | Event-based versus process-based informed consent to address scientific evidence and uncertainties in ionising medical imaging. Insights Into Imaging, 2013, 4, 647-653. | 1.6 | 10 |
| 382 | A national survey on radiation dose in CT in The Netherlands. Insights Into Imaging, 2013, 4, 383-390. | 1.6 | 79 |
| 383 | Real practice radiation dose and dosimetric impact of radiological staff training in body CT examinations. Insights Into Imaging, 2013, 4, 239-244. | 1.6 | 18 |
| 384 | Targets for antibiotic and healthcare resource stewardship in inpatient community-acquired pneumonia: a comparison of management practices with National Guideline Recommendations. Infection, 2013, 41, 135-144. | 2.3 | 26 |
| 385 | Scandinavian guidelines for initial management of minimal, mild and moderate head injuries in adults: an evidence and consensus-based update. BMC Medicine, 2013, 11, 50. | 2.3 | 308 |
| 386 | Radiation dose reduction by using low dose CT protocol of thorax. Radiation Measurements, 2013, 55, 46-50. | 0.7 | 2 |
| 387 | Radiation Exposure from Medical Imaging. , 2013, , 63-79. | | 2 |
| 388 | Trends in otolaryngologic utilization of computed tomography for sinonasal disorders. Laryngoscope, 2013, 123, 1837-1839. | 1.1 | 13 |
| 389 | Patients'™ Radiation Dose During Videofluoroscopic Swallowing Studies According to Underlying Characteristics. Dysphagia, 2013, 28, 153-158. | 1.0 | 39 |
| 390 | Radiation exposure among patients with the highest CT scan utilization in the emergency department. Emergency Radiology, 2013, 20, 485-491. | 1.0 | 29 |
| 392 | Whole body imaging in the diagnosis of blunt trauma, ionizing radiation hazards and residual risk. European Journal of Trauma and Emergency Surgery, 2013, 39, 15-24. | 0.8 | 4 |
| 393 | Clinical recommendations regarding use of cone beam computed tomography in orthodontics. Position statement by the American Academy of Oral and Maxillofacial Radiology. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2013, 116, 238-257. | 0.2 | 258 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 394 | Compendium of Resources for Radiation Safety in Medical Imaging Using Ionizing Radiation. Journal of the American College of Radiology, 2013, 10, 354-360.e2. | 0.9 | 5 |
| 395 | Low-dose and Standard Computed Tomography Scans Yield Equivalent Stone Measurements. Urology, 2013, 81, 231-235. | 0.5 | 55 |
| 396 | What is the clinical significance of chest CT when the chest x-ray result is normal in patients with blunt trauma?. American Journal of Emergency Medicine, 2013, 31, 1268-1273. | 0.7 | 68 |
| 397 | The Management of the Critically Ill Obstetric Patient. Journal of Intensive Care Medicine, 2013, 28, 93-106. | 1.3 | 15 |
| 398 | Assessment of phantom dosimetry and image quality of i-CAT FLX cone-beam computed tomography. American Journal of Orthodontics and Dentofacial Orthopedics, 2013, 144, 802-817. | 0.8 | 127 |
| 399 | Diagnostic accuracy of three-dimensional contrast-enhanced MR angiography at 3-T for acute pulmonary embolism detection: Comparison with multidetector CT angiography. International Journal of Cardiology, 2013, 168, 4775-4783. | 0.8 | 29 |
| 400 | Imaging and radiological interventions for the acute abdomen. Surgery, 2013, 31, 588-596. | 0.1 | 0 |
| 401 | Magnetic Resonance Enterography. Radiologic Clinics of North America, 2013, 51, 99-112. | 0.9 | 32 |
| 402 | Low radiation dose 256-MDCT angiography of the carotid arteries: Effect of hybrid iterative reconstruction technique on noise, artifacts, and image quality. European Journal of Radiology, 2013, 82, 2233-2239. | 1.2 | 9 |
| 403 | The use of a fully integrated electronic medical record to minimize cumulative lifetime radiation exposure from CT scanning to detect urinary tract calculi. Emergency Radiology, 2013, 20, 213-218. | 1.0 | 1 |
| 404 | Radiography, tomosynthesis, CT and MRI in the evaluation of pulmonary cystic fibrosis: an untangling review of the multitude of scoring systems. Insights Into Imaging, 2013, 4, 787-798. | 1.6 | 19 |
| 405 | Improving abdomen tumor low-dose CT images using a fast dictionary learning based processing. Physics in Medicine and Biology, 2013, 58, 5803-5820. | 1.6 | 162 |
| 406 | Triple Rule-out Computed Tomographic Angiography for Chest Pain: A Diagnostic Systematic Review and Meta-Analysis. Academic Emergency Medicine, 2013, 20, 861-871. | 0.8 | 55 |
| 407 | A novel biomarker panel to rule out acute appendicitis in pediatric patients with abdominal pain. American Journal of Emergency Medicine, 2013, 31, 1368-1375. | 0.7 | 43 |
| 408 | Diagnostic Radiation Exposure During Surveillance in Patients With pT1a Renal Cell Carcinoma. Urology, 2013, 81, 1190-1195. | 0.5 | 15 |
| 409 | Head-to-Head Comparison of Peak Upright Bicycle and Post-Treadmill Echocardiography in Detecting Coronary Artery Disease: A Randomized, Single-Blind Crossover Study. Journal of the American Society of Echocardiography, 2013, 26, 1434-1443. | 1.2 | 13 |
| 410 | Incidental Findings and the Need for a Revised Informed Consent Process. American Journal of Roentgenology, 2013, 201, 1064-1068. | 1.0 | 28 |
| 411 | Implementation of a clinical prediction tool for pulmonary embolism diagnosis in a tertiary teaching hospital reduces the number of computed tomography pulmonary angiograms performed. Internal Medicine Journal, 2013, 43, 169-174. | 0.5 | 26 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 412 | Use of imaging and biomarker tests for posttreatment care of early-stage breast cancer survivors. <i>Cancer</i> , 2013, 119, 4316-4324. | 2.0 | 39 |
| 414 | ICRP Publication 120: Radiological Protection in Cardiology. <i>Annals of the ICRP</i> , 2013, 42, 1-125. | 3.0 | 270 |
| 415 | Chemoprevention by N-acetylcysteine of low-dose CT-induced murine lung tumorigenesis. <i>Carcinogenesis</i> , 2013, 34, 319-324. | 1.3 | 7 |
| 416 | The Choosing Wisely Campaign and Its Potential Impact on Diagnostic Radiation Burden. <i>Journal of the American College of Radiology</i> , 2013, 10, 65-66. | 0.9 | 15 |
| 417 | 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 |
| 418 | Pediatric Traumatic Brain Injury and Radiation Risks: A Clinical Decision Analysis. <i>Journal of Pediatrics</i> , 2013, 162, 392-397. | 0.9 | 35 |
| 419 | Variability in CT Protocols. <i>Journal of the American College of Radiology</i> , 2013, 10, 805-806. | 0.9 | 3 |
| 420 | Emerging Technologies in CT- Radiation Dose Reduction and Dual-Energy CT. <i>Seminars in Roentgenology</i> , 2013, 48, 192-202. | 0.2 | 26 |
| 421 | Rapid Sequence Magnetic Resonance Imaging in the Assessment of Children with Hydrocephalus. <i>World Neurosurgery</i> , 2013, 80, e307-e312. | 0.7 | 57 |
| 422 | Magnetic Resonance Imaging Compared to Conventional Radiographs for Detection of Chronic Structural Changes in Sacroiliac Joints in Axial Spondyloarthritis. <i>Journal of Rheumatology</i> , 2013, 40, 1557-1565. | 1.0 | 55 |
| 423 | Point-of-Care Ultrasound Facilitates Diagnosing a Posterior Shoulder Dislocation. <i>Journal of Emergency Medicine</i> , 2013, 44, 976-978. | 0.3 | 15 |
| 424 | An Incidental Finding? Pneumatosis Intestinalis after Minor Trauma. <i>Journal of Emergency Medicine</i> , 2013, 44, e145-e147. | 0.3 | 6 |
| 425 | Computed Tomographic Colonography: Evidence and Techniques for Screening. <i>Seminars in Roentgenology</i> , 2013, 48, 264-272. | 0.2 | 6 |
| 426 | Clinical Effectiveness Protocols for Imaging in the Management of Ureteral Calculous Disease: AUA Technology Assessment. <i>Journal of Urology</i> , 2013, 189, 1203-1213. | 0.2 | 272 |
| 427 | Preliminary development of a clinical decision rule for acute aortic syndromes. <i>American Journal of Emergency Medicine</i> , 2013, 31, 1546-1550. | 0.7 | 36 |
| 428 | Radiation. <i>Journal of the American College of Radiology</i> , 2013, 10, 557-558. | 0.9 | 1 |
| 429 | Current Methods of Monitoring Radiation Exposure From CT. <i>Journal of the American College of Radiology</i> , 2013, 10, 702-707. | 0.9 | 17 |
| 430 | Utility of dual phase liver CT for metastatic melanoma staging and surveillance. <i>European Journal of Radiology</i> , 2013, 82, 2189-2193. | 1.2 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 431 | Incidence and diagnosis of pulmonary embolism in Northern Italy: A population-based study. <i>European Journal of Internal Medicine</i> , 2013, 24, e77-e78. | 1.0 | 9 |
| 432 | CT of Urolithiasis. <i>Academic Radiology</i> , 2013, 20, 1162-1167. | 1.3 | 15 |
| 433 | Determination of steroid response by abdominal ultrasound in cases with autoimmune pancreatitis. <i>Digestive and Liver Disease</i> , 2013, 45, 1034-1040. | 0.4 | 15 |
| 434 | Comparison of methods for assessing geometric efficiency on multi-detector CT scanners. <i>Physica Medica</i> , 2013, 29, 312-322. | 0.4 | 4 |
| 435 | MRI in headache. <i>Expert Review of Neurotherapeutics</i> , 2013, 13, 263-273. | 1.4 | 24 |
| 436 | X-ray-Computed Tomography Contrast Agents. <i>Chemical Reviews</i> , 2013, 113, 1641-1666. | 23.0 | 791 |
| 437 | Head CT for Nontrauma Patients in the Emergency Department: Clinical Predictors of Abnormal Findings. <i>Radiology</i> , 2013, 266, 783-790. | 3.6 | 53 |
| 438 | Renal Ultrasound. , 2013, , 47-70. | | 1 |
| 439 | Advances and Challenges in Spondyloarthritis Imaging for Diagnosis and Assessment of Disease. <i>Current Rheumatology Reports</i> , 2013, 15, 345. | 2.1 | 17 |
| 440 | Mortality by Level of Emphysema and Airway Wall Thickness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 602-608. | 2.5 | 171 |
| 441 | When a test is too good: how CT pulmonary angiograms find pulmonary emboli that do not need to be found. <i>BMJ, The</i> , 2013, 347, f3368-f3368. | 3.0 | 215 |
| 442 | A decision analysis to determine a testing threshold for computed tomographic angiography and d-dimer in the evaluation of aortic dissection. <i>American Journal of Emergency Medicine</i> , 2013, 31, 1047-1055. | 0.7 | 24 |
| 443 | Can Contrast Media Increase Organ Doses in CT Examinations? A Clinical Study. <i>American Journal of Roentgenology</i> , 2013, 200, 1288-1293. | 1.0 | 47 |
| 444 | 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 |
| 445 | Adherence to PLOPED II Investigators' Recommendations for Computed Tomography Pulmonary Angiography. <i>American Journal of Medicine</i> , 2013, 126, 36-42. | 0.6 | 70 |
| 446 | Dose of reduced z-axis length of computed tomography angiography (CTA) of the chest for pulmonary embolism using 64-detector rows and adaptive iterative reconstruction techniques. <i>Emergency Radiology</i> , 2013, 20, 39-44. | 1.0 | 8 |
| 448 | Radiation Exposure in Urology: A Genitourinary Catalogue for Diagnostic Imaging. <i>Journal of Urology</i> , 2013, 190, 2117-2123. | 0.2 | 26 |
| 449 | Biological effects of low-dose radiation from computed tomography scanning. <i>International Journal of Radiation Biology</i> , 2013, 89, 326-333. | 1.0 | 30 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 450 | A study of CT dose distribution in an elliptical phantom and the influence of automatic tube current modulation in the x-y plane. <i>Journal of Radiological Protection</i> , 2013, 33, 461-483. | 0.6 | 8 |
| 453 | Evaluation of Individuals With Pulmonary Nodules: When Is It Lung Cancer?. <i>Chest</i> , 2013, 143, e93S-e120S. | 0.4 | 1,092 |
| 454 | Inpatient radiation exposure in patients with spinal trauma. <i>Journal of Spinal Cord Medicine</i> , 2013, 36, 112-117. | 0.7 | 6 |
| 455 | 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 |
| 456 | Frequency of Computed Tomography Examinations in the Follow-Up Care of Testicular Cancer Patients - an Evaluation of Patterns of Care in Germany. <i>Onkologie</i> , 2013, 36, 188-192. | 1.1 | 9 |
| 457 | Patterns of Illness Explaining the Associations between Posttraumatic Stress Disorder and the Use of CT. <i>Radiology</i> , 2013, 267, 470-478. | 3.6 | 1 |
| 458 | Comparison of Coronary CT Angiography Image Quality With and Without Breast Shields. <i>American Journal of Roentgenology</i> , 2013, 200, 529-536. | 1.0 | 8 |
| 459 | 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 |
| 460 | NEXUS Chest. <i>JAMA Surgery</i> , 2013, 148, 940. | 2.2 | 100 |
| 461 | Time to standardize follow-up of low-stage renal cancer. <i>Nature Reviews Urology</i> , 2013, 10, 257-259. | 1.9 | 3 |
| 462 | Patients with Testicular Cancer Undergoing CT Surveillance Demonstrate a Pitfall of Radiation-induced Cancer Risk Estimates: The Timing Paradox. <i>Radiology</i> , 2013, 266, 896-904. | 3.6 | 35 |
| 463 | System for Verifiable CT Radiation Dose Optimization Based on Image Quality. Part I. Optimization Model. <i>Radiology</i> , 2013, 269, 167-176. | 3.6 | 42 |
| 464 | Acute Aortic Syndromes: A Second Look at Dual-Phase CT. <i>American Journal of Roentgenology</i> , 2013, 200, 805-811. | 1.0 | 32 |
| 465 | Radiation Risk From CT: Implications for Cancer Screening. <i>American Journal of Roentgenology</i> , 2013, 201, W81-W87. | 1.0 | 112 |
| 466 | Split-Bolus Spectral Multidetector CT of the Pancreas: Assessment of Radiation Dose and Tumor Conspicuity. <i>Radiology</i> , 2013, 269, 139-148. | 3.6 | 81 |
| 467 | Computed tomography and positron emission tomography/computed tomography surveillance after combined modality treatment of supradiaphragmatic Hodgkin lymphoma: a clinical and economic perspective. <i>Leukemia and Lymphoma</i> , 2013, 54, 2168-2176. | 0.6 | 14 |
| 468 | Survey of clinical doses from computed tomography examinations in the Canadian province of Manitoba. <i>Radiation Protection Dosimetry</i> , 2013, 157, 525-535. | 0.4 | 7 |
| 469 | Incremental value and clinical impact of neck sonography for primary hyperparathyroidism: a risk-adjusted analysis. <i>Canadian Journal of Surgery</i> , 2013, 56, 325-331. | 0.5 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 470 | Lung Cancer Screening. <i>Seminars in Interventional Radiology</i> , 2013, 30, 114-120. | 0.3 | 21 |
| 471 | Malignant Catatonia Mimicking Pheochromocytoma. <i>Case Reports in Endocrinology</i> , 2013, 2013, 1-5. | 0.2 | 1 |
| 472 | Focused Assessment with Sonography in Trauma and Abdominal Computed Tomography Utilization in Adult Trauma Patients: Trends over the Last Decade. <i>Emergency Medicine International</i> , 2013, 2013, 1-7. | 0.3 | 27 |
| 473 | <i>Breast Cancer Epidemiology.</i> , 2013, , 1099-1112. | | 0 |
| 474 | Nononcological Applications of Positron Emission Tomography for Evaluation of the Thorax. <i>Journal of Thoracic Imaging</i> , 2013, 28, 25-39. | 0.8 | 17 |
| 475 | Use of a Hybrid Iterative Reconstruction Technique to Reduce Image Noise and Improve Image Quality in Obese Patients Undergoing Computed Tomographic Pulmonary Angiography. <i>Journal of Thoracic Imaging</i> , 2013, 28, 49-59. | 0.8 | 32 |
| 476 | Imaging for evaluation of cholesteatoma. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2013, 21, 461-467. | 0.8 | 40 |
| 477 | Pulmonary embolism at follow-up outpatient CT pulmonary angiography. <i>Blood Coagulation and Fibrinolysis</i> , 2013, 24, 633-637. | 0.5 | 1 |
| 478 | System for Verifiable CT Radiation Dose Optimization Based on Image Quality. Part II. Process Control System. <i>Radiology</i> , 2013, 269, 177-185. | 3.6 | 37 |
| 479 | Reducing Body CT Radiation Dose: Beyond Just Changing the Numbers. <i>American Journal of Roentgenology</i> , 2013, 201, 33-40. | 1.0 | 48 |
| 480 | CT Use in Hospitalized Pediatric Trauma Patients: 15-year Trends in a Level I Pediatric and Adult Trauma Center. <i>Radiology</i> , 2013, 267, 479-486. | 3.6 | 25 |
| 481 | An evaluation of in-plane shields during thoracic CT. <i>Radiation Protection Dosimetry</i> , 2013, 155, 439-450. | 0.4 | 16 |
| 482 | Intraoperative O-arm Computed Tomography Evaluation of Syndesmotic Reduction. <i>Foot and Ankle International</i> , 2013, 34, 753-759. | 1.1 | 31 |
| 483 | Progressive Radiation Dose Reduction From Coronary Computed Tomography Angiography in a Statewide Collaborative Quality Improvement Program. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 646-654. | 1.3 | 34 |
| 484 | Computed Tomography Screening for Lung Cancer: Has It Finally Arrived? Implications of the National Lung Screening Trial. <i>Journal of Clinical Oncology</i> , 2013, 31, 1002-1008. | 0.8 | 131 |
| 485 | Limited-angle cone-beam computed tomography image reconstruction by total variation minimization and piecewise-constant modification. <i>Journal of Inverse and Ill-Posed Problems</i> , 2013, 21, 735-754. | 0.5 | 16 |
| 486 | Four-Year Cumulative Radiation Exposure in Patients Undergoing Computed Tomography Angiography for Suspected Pulmonary Embolism. <i>Radiology Research and Practice</i> , 2013, 2013, 1-5. | 0.6 | 14 |
| 487 | Considerations on an automatic computed tomography tube current modulation system. <i>Radiation Protection Dosimetry</i> , 2013, 156, 525-530. | 0.4 | 17 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 488 | Conversion factors for estimation of effective dose in paediatric chest tomosynthesis. Radiation Protection Dosimetry, 2013, 157, 206-213. | 0.4 | 3 |
| 489 | Assessment of patient dose from CT localizer radiographs. Medical Physics, 2013, 40, 084301. | 1.6 | 37 |
| 490 | A Cost-effectiveness Analysis Comparing a Clinical Decision Rule Versus Usual Care to Risk Stratify Children for Intraabdominal Injury After Blunt Torso Trauma. Academic Emergency Medicine, 2013, 20, 1131-1138. | 0.8 | 18 |
| 491 | Bedside ultrasound and the assessment of renal colic: a review. Emergency Medicine Journal, 2013, 30, 3-8. | 0.4 | 76 |
| 492 | Rising Annual Costs of Dizziness Presentations to U.S. Emergency Departments. Academic Emergency Medicine, 2013, 20, 689-696. | 0.8 | 206 |
| 493 | Approaches to aspects of optimisation of protection in diagnostic radiology in six continents. Journal of Radiological Protection, 2013, 33, 711-734. | 0.6 | 6 |
| 494 | Comparing Radiation Exposure Between Ablative Therapies For Small Renal Masses. Journal of Endourology, 0, , 150127063130004. | 1.1 | 0 |
| 495 | Estimated radiation dose and image quality comparison of the scan protocols in dual-source computed tomography coronary angiography. Journal of Medical Imaging and Radiation Oncology, 2013, 57, 407-414. | 0.9 | 4 |
| 496 | Calculations of two new dose metrics proposed by AAPM Task Group 111 using the measurements with standard CT dosimetry phantoms. Medical Physics, 2013, 40, 081914. | 1.6 | 15 |
| 497 | The Lake Wobegon Effect: Are All Cancer Patients above Average?. Milbank Quarterly, 2013, 91, 690-728. | 2.1 | 14 |
| 498 | 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. Medical Physics, 2013, 40, 081921. | 1.6 | 7 |
| 499 | Experimental estimates of peak skin dose and its relationship to the CT dose index using the CTDI head phantom. Radiation Protection Dosimetry, 2013, 157, 536-542. | 0.4 | 5 |
| 500 | Comparing Radiation Exposure Between Ablative Therapies for Small Renal Masses. Journal of Endourology, 2013, 27, 1435-1439. | 1.1 | 10 |
| 501 | Prevalence and Clinical Importance of Alternative Causes of Symptoms Using a Renal Colic Computed Tomography Protocol in Patients With Flank or Back Pain and Absence of Pyuria. Academic Emergency Medicine, 2013, 20, 470-478. | 0.8 | 53 |
| 502 | Correlation between model observer and human observer performance in CT imaging when lesion location is uncertain. Medical Physics, 2013, 40, 081908. | 1.6 | 83 |
| 503 | Anatomical reconstructions of pediatric airways from endoscopic images: A pilot study of the accuracy of quantitative endoscopy. Laryngoscope, 2013, 123, 2880-2887. | 1.1 | 7 |
| 504 | Contrast-Enhanced Ultrasound for the Evaluation of the Cryoablation After Laparoscopic Renal Cryoablation: An Initial Report. Journal of Endourology, 2013, 27, 402-407. | 1.1 | 27 |
| 505 | Radiation Exposure Associated with Dedicated Renal Mass Computed Tomography Protocol: Impact of Patient Characteristics. Journal of Endourology, 2013, 27, 1102-1106. | 1.1 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 506 | 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 |
| 507 | Online Checking of Radiation Dose for Computed Tomography Imaging Investigations Performed on the Human Patients. <i>Advanced Engineering Forum</i> , 0, 8-9, 21-28. | 0.3 | 0 |
| 508 | Measuring patient satisfaction with the CT consent process: the COMRADE outcome measure. <i>Imaging in Medicine</i> , 2013, 5, 505-513. | 0.0 | 2 |
| 509 | Elevated Aminotransferases are Predictors of Hepatic Injury in Blunt Abdominal Trauma Patients. <i>Hong Kong Journal of Emergency Medicine</i> , 2013, 20, 337-342. | 0.4 | 3 |
| 510 | Reliability of Two-Dimensional Computed Tomography for Measuring Hip Anatomy. <i>Journal of Orthopaedic Surgery</i> , 2013, 21, 28-31. | 0.4 | 1 |
| 511 | Quality initiative: Quantifying and reducing dose in multiphase liver CT: Eliminating the nonenhanced study and using conscientious Z-creep. <i>Radiology Case Reports</i> , 2013, 8, 807. | 0.2 | 0 |
| 512 | Diagnostic Medical Radiation in Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 2501-2508. | 0.9 | 22 |
| 513 | Epidemiology of Lung Cancer. <i>Chest</i> , 2013, 143, e1S-e29S. | 0.4 | 559 |
| 514 | Children and radiation risk in the age of increased utilization of CT. <i>JAAPA: Official Journal of the American Academy of Physician Assistants</i> , 2013, 26, 36-40. | 0.1 | 3 |
| 515 | Cumulative Total Effective Whole-Body Radiation Dose in Critically Ill Patients. <i>Chest</i> , 2013, 144, 1481-1486. | 0.4 | 26 |
| 516 | Radiation Dose and Stochastic Risk From Exposure to Medical Imaging. <i>Chest</i> , 2013, 144, 1431-1433. | 0.4 | 8 |
| 517 | Analysis of radiation exposure among pediatric trauma patients at national trauma centers. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 907-911. | 1.1 | 26 |
| 518 | Informed Consent in Human Research. <i>Health Physics</i> , 2013, 104, S17-S22. | 0.3 | 3 |
| 519 | Initial Experience With Adaptive Iterative Dose Reduction 3D to Reduce Radiation Dose in Computed Tomographic Urography. <i>Journal of Computer Assisted Tomography</i> , 2013, 37, 52-57. | 0.5 | 19 |
| 520 | The Value of Scheduled Repeat Cranial Computed Tomography After Mild Head Injury. <i>Neurosurgery</i> , 2013, 72, 56-64. | 0.6 | 53 |
| 521 | Clinical Predictors of Urgent Findings on Abdominopelvic CT in Emergency Department Patients with Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 1179-1185. | 0.9 | 21 |
| 522 | Back to the future. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 92-99. | 1.1 | 12 |
| 523 | Computed Tomography Scan to Detect Traumatic Arthrotomies and Identify Periarticular Wounds Not Requiring Surgical Intervention. <i>Journal of Orthopaedic Trauma</i> , 2013, 27, 498-504. | 0.7 | 38 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 524 | Estimating the Effective Radiation Dose Imparted to Patients by Intraoperative Cone-Beam Computed Tomography in Thoracolumbar Spinal Surgery. <i>Spine</i> , 2013, 38, E306-E312. | 1.0 | 48 |
| 525 | Development of the Lumbar Lordotic Curvature in Children From Age 2 to 20 Years. <i>Spine</i> , 2013, 38, E602-E608. | 1.0 | 44 |
| 526 | Airway, breathing, computed tomographic scanning. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 813-817. | 1.1 | 30 |
| 527 | CT pulmonary angiography: an over-utilized imaging modality in hospitalized patients with suspected pulmonary embolism. <i>Journal of Community Hospital Internal Medicine Perspectives</i> , 2013, 3, 20240. | 0.4 | 13 |
| 528 | 2012 Ultrasound First Forum Proceedings. <i>Journal of Ultrasound in Medicine</i> , 2013, 32, 555-566. | 0.8 | 9 |
| 529 | Fully 3D iterative CT reconstruction using polar coordinates. <i>Medical Physics</i> , 2013, 40, 111904. | 1.6 | 13 |
| 530 | Radiation dose reduction in medical x-ray CT via Fourier-based iterative reconstruction. <i>Medical Physics</i> , 2013, 40, 031914. | 1.6 | 31 |
| 531 | Ultrasound Detection of a Renal Mass in a Patient with Flank Pain and Hematuria. <i>Western Journal of Emergency Medicine</i> , 2013, 14, 123-126. | 0.6 | 3 |
| 532 | Image Quality and Radiation Dose Comparison between Filtered Back Projection and Adaptive Statistical Iterative Reconstruction in Non-contrast Head CT Studies. <i>OMICS Journal of Radiology</i> , 2013, 02, . | 0.0 | 4 |
| 533 | Computed tomography-based preoperative vascular imaging in autologous breast reconstruction: A Canadian perspective. <i>Canadian Journal of Plastic Surgery</i> , 2013, 21, 11-14. | 0.4 | 3 |
| 534 | Breast Reconstruction Using Biofabrication-Based Tissue Engineering Strategies. , 2013, , 183-216. | | 9 |
| 535 | Seatbelt Sign as an Indication for Four-vessel Computed Tomography Angiogram of the Neck to Diagnose Blunt Carotid Artery and Other Cervical Vascular Injuries. <i>American Surgeon</i> , 2013, 79, 1001-1004. | 0.4 | 9 |
| 536 | Diagnostic Imaging Utilization in Cases of Acute Appendicitis: Multi-Center Experience. <i>Journal of Korean Medical Science</i> , 2014, 29, 1308. | 1.1 | 39 |
| 537 | The Health Risks of Ionizing Radiation From Computed Tomography. <i>North Carolina Medical Journal</i> , 2014, 75, 126-131. | 0.1 | 12 |
| 538 | Diagnosing Appendicitis: Evidence-Based Review of the Diagnostic Approach in 2014. <i>Western Journal of Emergency Medicine</i> , 2014, 15, 859-871. | 0.6 | 165 |
| 539 | Adaptive Iterative Dose Reduction Algorithm in CT: Effect on Image Quality Compared with Filtered Back Projection in Body Phantoms of Different Sizes. <i>Korean Journal of Radiology</i> , 2014, 15, 195. | 1.5 | 35 |
| 540 | Patient Requests for Office-Based Imaging. <i>North Carolina Medical Journal</i> , 2014, 75, 137-141. | 0.1 | 2 |
| 541 | Patient Attitudes Regarding Consent for Emergency Department Computed Tomographies. <i>Western Journal of Emergency Medicine</i> , 2014, 15, 14-19. | 0.6 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 542 | Weightbearing CBCT, MDCT, and 2D imaging dosimetry of the foot and ankle. <i>International Journal of Diagnostic Imaging</i> , 2014, 1, 1. | 0.1 | 35 |
| 543 | ¹¹¹ In-DTPA Cisternography with SPECT/CT for the Evaluation of Normal Pressure Hydrocephalus. <i>Journal of Nuclear Medicine Technology</i> , 2014, 42, 70-74. | 0.4 | 11 |
| 544 | Should we look for silent pulmonary embolism in patients with deep venous thrombosis?. <i>BMC Cardiovascular Disorders</i> , 2014, 14, 178. | 0.7 | 25 |
| 545 | The Effect of Point-of-Care Ultrasonography on Imaging Studies in the Medical ICU. <i>Chest</i> , 2014, 146, 1574-1577. | 0.4 | 66 |
| 546 | Split-bolus versus triphasic multidetector-row computed tomography technique in the diagnosis of hepatic focal nodular hyperplasia: a case report. <i>Journal of Medical Case Reports</i> , 2014, 8, 425. | 0.4 | 10 |
| 547 | 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 |
| 548 | Updated trends in imaging use in men diagnosed with prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2014, 17, 246-251. | 2.0 | 18 |
| 549 | CT Positive Brain Injury in Mild TBI Patients Presenting With Normal SAC Scores. <i>Military Medicine</i> , 2014, 179, 1250-1253. | 0.4 | 7 |
| 550 | Derivation and validation of a clinical prediction rule for uncomplicated ureteral stone--the STONE score: retrospective and prospective observational cohort studies. <i>BMJ, The</i> , 2014, 348, g2191-g2191. | 3.0 | 119 |
| 551 | CardioPulse Articles. <i>European Heart Journal</i> , 2014, 35, 599-604. | 1.0 | 23 |
| 552 | Cardiac imaging to investigate suspected cardiac pain in the post-treadmill era. <i>Clinical Medicine</i> , 2014, 14, 475-481. | 0.8 | 1 |
| 553 | Estimated radiation risk of cancer from medical imaging in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 1680-1686. | 0.4 | 9 |
| 554 | Applying the Gender Lens to Emergency Care: From Bench to Bedside. <i>Academic Emergency Medicine</i> , 2014, 21, 1325-1328. | 0.8 | 5 |
| 555 | Foundations for a Novel Emergency Medicine Subspecialty: Sex, Gender, and Women's Health. <i>Academic Emergency Medicine</i> , 2014, 21, 1469-1477. | 0.8 | 8 |
| 556 | 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 |
| 557 | Use of and Regional Variation in Initial CT Imaging for Kidney Stones. <i>Pediatrics</i> , 2014, 134, 909-915. | 1.0 | 48 |
| 558 | Radiation Dose Index of Renal Colic Protocol CT Studies in the United States: A Report from the American College of Radiology National Radiology Data Registry. <i>Radiology</i> , 2014, 271, 445-451. | 3.6 | 95 |
| 559 | Estimating Risk of Low Radiation Doses – A Critical Review of the BEIR VII Report and its Use of the Linear No-Threshold (LNT) Hypothesis. <i>Radiation Research</i> , 2014, 182, 463-474. | 0.7 | 76 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 560 | Repeat Neuroimaging of Mild Traumatic Brain-Injured Patients With Acute Traumatic Intracranial Hemorrhage: Clinical Outcomes and Radiographic Features. <i>Academic Emergency Medicine</i> , 2014, 21, 1083-1091. | 0.8 | 30 |
| 561 | Diagnostic Yields, Charges, and Radiation Dose of Chest Imaging in Blunt Trauma Evaluations. <i>Academic Emergency Medicine</i> , 2014, 21, 644-650. | 0.8 | 24 |
| 562 | Radiographic Changes in Patients with Pseudarthrosis After Posterior Lumbar Interbody Arthrodesis Using Carbon Interbody Cages. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, e82. | 1.4 | 24 |
| 563 | 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 |
| 564 | 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 |
| 565 | How I Do It: Managing Radiation Dose in CT. <i>Radiology</i> , 2014, 273, 657-672. | 3.6 | 157 |
| 566 | The conservative management of renal trauma: a literature review and practical clinical guideline from Australia and New Zealand. <i>BJU International</i> , 2014, 114, 13-21. | 1.3 | 51 |
| 567 | <i>In vitro</i> and <i>in vivo</i> CT imaging using bismuth sulfide modified with a highly biocompatible Pluronic F127. <i>Nanotechnology</i> , 2014, 25, 295103. | 1.3 | 27 |
| 568 | Condylar process contributes to mandibular asymmetry: In vivo 3D MRI study. <i>Clinical Anatomy</i> , 2014, 27, 585-591. | 1.5 | 9 |
| 569 | 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 |
| 570 | Enhanced computed tomography after partial nephrectomy in early postoperative period to detect asymptomatic renal artery pseudoaneurysm. <i>International Journal of Urology</i> , 2014, 21, 880-885. | 0.5 | 49 |
| 571 | Diagnostic reference ranges and the American College of Radiology Dose Index Registry: the pediatric experience. <i>Pediatric Radiology</i> , 2014, 44, 506-510. | 1.1 | 3 |
| 572 | Radiation Dose and Safety: Informatics Standards and Tools. <i>Journal of the American College of Radiology</i> , 2014, 11, 1286-1297. | 0.9 | 10 |
| 573 | Radiation Protection and Dosimetry in x-Ray Imaging. , 2014, , 243-262. | | 1 |
| 574 | Ten Commandments for Effective Clinical Decision Support for Imaging: Enabling Evidence-Based Practice to Improve Quality and Reduce Waste. <i>American Journal of Roentgenology</i> , 2014, 203, 945-951. | 1.0 | 43 |
| 575 | Radiology Utilization in the Emergency Department: Trends of the Past 2 Decades. <i>American Journal of Roentgenology</i> , 2014, 203, 355-360. | 1.0 | 78 |
| 576 | Methods for Clinical Evaluation of Noise Reduction Techniques in Abdominopelvic CT. <i>Radiographics</i> , 2014, 34, 849-862. | 1.4 | 123 |
| 577 | Emergency Physician Radiation Risk Communication: A Role for Shared Decision-making. <i>Academic Emergency Medicine</i> , 2014, 21, 211-213. | 0.8 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 578 | 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 |
| 579 | Cumulative Radiation Exposure and Cancer Risk Estimation in Children With Heart Disease. <i>Circulation</i> , 2014, 130, 161-167. | 1.6 | 192 |
| 581 | Physics-based modeling of X-ray CT measurements with energy-integrating detectors. <i>Proceedings of SPIE</i> , 2014, , . | 0.8 | 0 |
| 582 | Incidental Computer Tomography Radiologic Findings through Research Participation in the North Texas Healthy Heart Study. <i>Journal of the American Board of Family Medicine</i> , 2014, 27, 314-320. | 0.8 | 5 |
| 583 | The Quality/Safety Medical Index: a Standardized Method for Concurrent Optimization of Radiation Dose and Image Quality in Medical Imaging. <i>Journal of Digital Imaging</i> , 2014, 27, 687-691. | 1.6 | 3 |
| 584 | 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. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 13, 514-519. | 0.8 | 21 |
| 585 | Approaches to Enhancing Radiation Safety in Cardiovascular Imaging. <i>Circulation</i> , 2014, 130, 1730-1748. | 1.6 | 101 |
| 586 | The NOTA Study (Non Operative Treatment for Acute Appendicitis). <i>Annals of Surgery</i> , 2014, 260, 109-117. | 2.1 | 225 |
| 587 | An Appeal for Safe and Appropriate Imaging of Children. <i>Journal of Patient Safety</i> , 2014, 10, 121-124. | 0.7 | 5 |
| 588 | Computed Tomography Colonography. <i>Journal of Clinical Gastroenterology</i> , 2014, 48, 745-751. | 1.1 | 3 |
| 589 | Incidentally discovered pulmonary nodules. <i>JAAPA: Official Journal of the American Academy of Physician Assistants</i> , 2014, 27, 25-32. | 0.1 | 1 |
| 590 | Pulmonary vascular complications of hereditary haemorrhagic telangiectasia. <i>Current Opinion in Pulmonary Medicine</i> , 2014, 20, 421-428. | 1.2 | 34 |
| 591 | 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 |
| 592 | Potential for Ultrasonography to Reduce the Cost and Cumulative Radiation Dose in Routine Incisional Hernias. <i>JAMA Surgery</i> , 2014, 149, 596. | 2.2 | 1 |
| 593 | Iterative reconstruction: how it works, how to apply it. <i>Pediatric Radiology</i> , 2014, 44, 431-439. | 1.1 | 17 |
| 594 | Early Detection of Lung Cancer: A Statement from an Expert Panel of the Swiss University Hospitals on Lung Cancer Screening. <i>Respiration</i> , 2014, 87, 254-264. | 1.2 | 25 |
| 595 | Emergency department patient knowledge and physician communication regarding CT scans. <i>Emergency Medicine Journal</i> , 2014, 31, 824-826. | 0.4 | 23 |
| 596 | 70â€‰kV computed tomography of the thorax: valence for computer-assisted nodule evaluation and radiation dose â€œ first clinical results. <i>Acta Radiologica</i> , 2014, 55, 1056-1062. | 0.5 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 597 | Trends in Musculoskeletal Imaging in Trauma Patients. <i>Journal of Orthopaedic Trauma</i> , 2014, 28, e236-e241. | 0.7 | 8 |
| 598 | The Cumulative Risk of Multiple CT Exposures Using Two Different Methods. <i>Health Physics</i> , 2014, 106, 475-483. | 0.3 | 4 |
| 599 | Trends in Computed Tomography Utilization Rates. <i>Journal of Patient Safety</i> , 2014, 10, 52-58. | 0.7 | 78 |
| 600 | Pan computed tomography versus selective computed tomography in stable, young adults after blunt trauma with moderate mechanism. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 77, 527-533. | 1.1 | 30 |
| 601 | Ionizing radiation doses during lower limb torsion and anteversion measurements by EOS stereoradiography and computed tomography. <i>European Journal of Radiology</i> , 2014, 83, 371-377. | 1.2 | 73 |
| 602 | Determining the Rate of Change in Exposure to Ionizing Radiation From CT Scans: A Database Analysis From One Hospital. <i>Journal of the American College of Radiology</i> , 2014, 11, 703-708. | 0.9 | 6 |
| 603 | 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 |
| 604 | Measuring and Explaining Computed Tomography Use in the United States and Canada: A Consideration of Health Economics and Use Versus Appropriateness, and Interpreting Potential Conflict of Interest. <i>Annals of Emergency Medicine</i> , 2014, 63, 479-489. | 0.3 | 2 |
| 605 | Limited Field Noncontrast Computerized Tomography for Followup of Ureteral Stones: Initial Results. <i>Journal of Urology</i> , 2014, 192, 781-785. | 0.2 | 2 |
| 606 | 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 |
| 607 | Frequency of acute changes found on head computed tomographies in critically ill patients: A retrospective cohort study. <i>Journal of Critical Care</i> , 2014, 29, 884.e7-884.e12. | 1.0 | 10 |
| 608 | Evaluation of Thyroid Incidentaloma. <i>Surgical Clinics of North America</i> , 2014, 94, 485-497. | 0.5 | 29 |
| 609 | Patient preferences and acceptable risk for computed tomography in trauma. <i>Injury</i> , 2014, 45, 1345-1349. | 0.7 | 23 |
| 610 | Low-dose CT in body-packers: delineation of body packs and radiation dose in a porcine model. <i>Forensic Science, Medicine, and Pathology</i> , 2014, 10, 170-178. | 0.6 | 3 |
| 611 | The appropriate and justified use of medical radiation in cardiovascular imaging: a position document of the ESC Associations of Cardiovascular Imaging, Percutaneous Cardiovascular Interventions and Electrophysiology. <i>European Heart Journal</i> , 2014, 35, 665-672. | 1.0 | 301 |
| 612 | Intestinal lesions in pediatric Crohn disease: comparative detectability among pulse sequences at MR enterography. <i>Pediatric Radiology</i> , 2014, 44, 821-830. | 1.1 | 10 |
| 613 | 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 |
| 614 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 615 | Current knowledge on tumour induction by computed tomography should be carefully used. <i>European Radiology</i> , 2014, 24, 649-656. | 2.3 | 15 |
| 616 | 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 |
| 617 | How Useful Are Clinical Findings in Patients With Blunt Abdominal Trauma?. <i>Annals of Emergency Medicine</i> , 2014, 63, 463-464. | 0.3 | 3 |
| 618 | Diagnosis of asymptomatic aortic dissection during pregnancy using contrast echocardiography. <i>Journal of Cardiology Cases</i> , 2014, 9, 200-202. | 0.2 | 5 |
| 619 | Role of routine imaging in detecting recurrent lymphoma: A review of 258 patients with relapsed aggressive nonâ€Hodgkin and Hodgkin lymphoma. <i>American Journal of Hematology</i> , 2014, 89, 575-580. | 2.0 | 49 |
| 620 | Solid Renal Masses: What the Numbers Tell Us. <i>American Journal of Roentgenology</i> , 2014, 202, 1196-1206. | 1.0 | 100 |
| 621 | Is MRI the Preferred Method for Evaluating Right Ventricular Size and Function in Patients With Congenital Heart Disease?. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 190-197. | 1.3 | 106 |
| 622 | The Role of Imaging in the Active Surveillance of Small Renal Masses. <i>Current Urology Reports</i> , 2014, 15, 386. | 1.0 | 18 |
| 623 | Five-year malignancy incidence in patients with chronic pruritus: A population-based cohort study aimed at limiting unnecessary screening practices. <i>Journal of the American Academy of Dermatology</i> , 2014, 70, 651-658. | 0.6 | 54 |
| 624 | Image-Guided Deep Brain Stimulation. <i>Neurosurgery Clinics of North America</i> , 2014, 25, 159-172. | 0.8 | 28 |
| 625 | Advanced Neuroimaging of Mild Traumatic Brain Injury. <i>Neurologic Clinics</i> , 2014, 32, 31-58. | 0.8 | 37 |
| 626 | Opportunities for Radiation-Dose Optimization Through Standardized Analytics and Decision Support. <i>Journal of the American College of Radiology</i> , 2014, 11, 1048-1052. | 0.9 | 3 |
| 627 | Meta-analysis of diagnostic significance of sixty-four-row multi-section computed tomography angiography and three-dimensional digital subtraction angiography in patients with cerebral artery aneurysm. <i>Journal of the Neurological Sciences</i> , 2014, 346, 197-203. | 0.3 | 14 |
| 628 | Low-dose computed tomography of the lumbar spine: a phantom study on imaging parameters and image quality. <i>Acta Radiologica</i> , 2014, 55, 824-832. | 0.5 | 18 |
| 629 | Papillary thyroid carcinoma nodal surgery directed by a preoperative radiographic map utilizing CT scan and ultrasound in all primary and reoperative patients. <i>Head and Neck</i> , 2014, 36, 191-202. | 0.9 | 121 |
| 630 | Reducing radiation dose in the diagnosis of pulmonary embolism using adaptive statistical iterative reconstruction and lower tube potential in computed tomography. <i>European Radiology</i> , 2014, 24, 2685-2691. | 2.3 | 24 |
| 631 | Low-Dose Chest Computed Tomography for Lung Cancer Screening Among Hodgkin Lymphoma Survivors: A Cost-Effectiveness Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 344-353. | 0.4 | 19 |
| 632 | CT Evaluation of the Upper Urinary Tract in Adults Younger Than 50 Years With Asymptomatic Microscopic Hematuria: Is IV Contrast Enhancement Needed?. <i>American Journal of Roentgenology</i> , 2014, 203, 615-619. | 1.0 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 633 | MRI dedicated to bones and joints: What are their market shares in terms of number of patients in private practice in France?. <i>Diagnostic and Interventional Imaging</i> , 2014, 95, 803-811. | 1.8 | 3 |
| 634 | The possibility of application of spiral brain computed tomography to traumatic brain injury. <i>American Journal of Emergency Medicine</i> , 2014, 32, 1051-1054. | 0.7 | 3 |
| 635 | Lifetime Attributable Risk of Cancer From CT Among Patients Surviving Severe Traumatic Brain Injury. <i>American Journal of Roentgenology</i> , 2014, 202, 397-400. | 1.0 | 19 |
| 636 | Protecting trauma patients from duplicated computed tomography scans: the relevance of integrated care systems. <i>American Journal of Surgery</i> , 2014, 208, 511-516. | 0.9 | 16 |
| 637 | Measurement-based model of a wide-bore CT scanner for Monte Carlo dosimetric calculations with GMCTdospp software. <i>Physica Medica</i> , 2014, 30, 816-821. | 0.4 | 5 |
| 638 | Construction of cellulose-phosphor hybrid hydrogels and their application for bioimaging. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7559-7566. | 2.9 | 39 |
| 639 | IRM spcialises en ostéoarticulaire: quelles seront leurs parts de marché en termes de nombre de patients en ville?. <i>Diagnostic and Interventional Imaging</i> , 2014, 95, 800-808. | 0.0 | 1 |
| 640 | A model-based framework for fast dynamic image sampling. , 2014, , . | | 2 |
| 641 | Imaging of acute stroke prior to treatment: current practice and evolving techniques. <i>British Journal of Radiology</i> , 2014, 87, 20140216. | 1.0 | 57 |
| 642 | Positron Emission Tomography-Magnetic Resonance Imaging in the Evaluation of Brain Tumors: Current Status and Future Prospects. <i>Seminars in Roentgenology</i> , 2014, 49, 275-289. | 0.2 | 1 |
| 643 | Radiation Exposure in Gastroenterology: Improving Patient and Staff Protection. <i>American Journal of Gastroenterology</i> , 2014, 109, 1180-1194. | 0.2 | 18 |
| 644 | Effectiveness of the head CT choice decision aid in parents of children with minor head trauma: study protocol for a multicenter randomized trial. <i>Trials</i> , 2014, 15, 253. | 0.7 | 37 |
| 645 | The epidemiology, risk factors, and impact on hospital mortality of status epilepticus after subdural hematoma in the United States. <i>SpringerPlus</i> , 2014, 3, 332. | 1.2 | 21 |
| 646 | An Official American Thoracic Society/American Association of Critical-Care Nurses/American College of Chest Physicians/Society of Critical Care Medicine Policy Statement: The Choosing Wisely® Top 5 List in Critical Care Medicine. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 818-826. | 2.5 | 137 |
| 647 | Dose reduction in whole-body computed tomography of multiple injuries (DoReMI): protocol for a prospective cohort study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2014, 22, 15. | 1.1 | 11 |
| 648 | Adaptive statistical iterative reconstruction and bismuth shielding for evaluation of dose reduction to the eye and image quality during head CT. <i>Journal of the Korean Physical Society</i> , 2014, 64, 923-928. | 0.3 | 4 |
| 649 | Dual Energy Computerized Tomography with a Split Bolus: A 1-Stop Shop for Patients with Suspected Urinary Stones?. <i>Journal of Urology</i> , 2014, 191, 792-797. | 0.2 | 29 |
| 650 | Cumulative Radiation Exposure Estimates of Hospitalized Patients from Radiological Imaging. <i>Journal of the American College of Radiology</i> , 2014, 11, 169-175. | 0.9 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 651 | 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 |
| 652 | Dosimetric evaluation of a 256-slice computed tomography scanner. <i>Radiologia Medica</i> , 2014, 119, 871-877. | 4.7 | 0 |
| 653 | Split Decision. <i>Journal of General Internal Medicine</i> , 2014, 29, 1707-1710. | 1.3 | 0 |
| 654 | Radiation dose reduction with dictionary learning based processing for head CT. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2014, 37, 483-493. | 1.4 | 5 |
| 655 | Fast-sequence MRI studies for surveillance imaging in pediatric hydrocephalus. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 13, 440-447. | 0.8 | 67 |
| 656 | Endovascular repair for blunt thoracic aortic injury: 11-year outcomes and postoperative surveillance experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2956-2961. | 0.4 | 19 |
| 657 | Opportunities for Cancer Prevention During Midlife. <i>American Journal of Preventive Medicine</i> , 2014, 46, S73-S80. | 1.6 | 16 |
| 658 | Scanner abdomino-pelvien Ã dose standard versus basse-doseÃ: comparaison entre rÃ©troprojection filtrÃ©e et Adaptive Iterative Dose Reduction 3D. <i>Diagnostic and Interventional Imaging</i> , 2014, 95, 51-58. | 0.0 | 1 |
| 659 | Introduction to the Special Issue: Radiation Dose Optimizationâ€”Improving the Safety of CT. <i>Journal of the American College of Radiology</i> , 2014, 11, 229-230. | 0.9 | 9 |
| 660 | Standardization and Optimization of CT Protocols to Achieve LowÃDose. <i>Journal of the American College of Radiology</i> , 2014, 11, 271-278. | 0.9 | 83 |
| 661 | 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 |
| 662 | Standard dose versus low-dose abdominal and pelvic CT: Comparison between filtered back projection versus adaptive iterative dose reduction 3D. <i>Diagnostic and Interventional Imaging</i> , 2014, 95, 47-53. | 1.8 | 57 |
| 663 | Personalized Technologist Dose Audit Feedback for Reducing Patient Radiation Exposure From CT. <i>Journal of the American College of Radiology</i> , 2014, 11, 300-308. | 0.9 | 15 |
| 664 | Risk Stratification of Emergency Department Patients With Crohn's Disease Could Reduce Computed Tomography Use by Nearly Half. <i>Clinical Gastroenterology and Hepatology</i> , 2014, 12, 1702-1707.e3. | 2.4 | 24 |
| 665 | Does computed tomographic scan affect diagnosis and management of patients with suspected renal colic?. <i>American Journal of Emergency Medicine</i> , 2014, 32, 367-370. | 0.7 | 15 |
| 666 | 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 |
| 667 | Prioritizing Examination-Centered Over Patient-Centered Dose Reduction: A Hazard of Institutional â€œBenchmarkingâ€•. <i>American Journal of Roentgenology</i> , 2014, 202, 1062-1068. | 1.0 | 1 |
| 668 | Low-Dose CT With Automatic Tube Current Modulation, Adaptive Statistical Iterative Reconstruction, and Low Tube Voltage for the Diagnosis of Renal Colic: Impact of Body Mass Index. <i>American Journal of Roentgenology</i> , 2014, 202, 553-560. | 1.0 | 45 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 669 | Evaluation of Low-Dose CT Angiography With Model-Based Iterative Reconstruction After Endovascular Aneurysm Repair of a Thoracic or Abdominal Aortic Aneurysm. American Journal of Roentgenology, 2014, 202, 648-655. | 1.0 | 37 |
| 670 | CT for evaluation of potential renal donors – How does iterative reconstruction influence image quality and dose?. European Journal of Radiology, 2014, 83, 1332-1336. | 1.2 | 14 |
| 671 | Appendicitis: Do Clinical Scores Matter?. Annals of Emergency Medicine, 2014, 64, 373-375. | 0.3 | 10 |
| 672 | A conceptual model of emergency physician decision making for head computed tomography in mild head injury. American Journal of Emergency Medicine, 2014, 32, 645-650. | 0.7 | 26 |
| 673 | Lung Cancer Screening with Low-Dose Computed Tomography for Primary Care Providers. Primary Care - Clinics in Office Practice, 2014, 41, 307-330. | 0.7 | 14 |
| 674 | Neuroradiology. , 0, , 45-63. | | 0 |
| 675 | Radiation doses to emergency department patients undergoing computed tomography. Canadian Journal of Emergency Medicine, 2014, 16, 477-484. | 0.5 | 11 |
| 676 | Intraoperative Bleeding in Stereotactic Biopsies and Its Implication on Postoperative Management: Can We Predict CT Findings?. Stereotactic and Functional Neurosurgery, 2014, 92, 80-85. | 0.8 | 25 |
| 678 | Postoperative Low-Dose Follow-Up Computed Tomography for Patients With Stomach Cancer. Journal of Computer Assisted Tomography, 2014, 38, 376-382. | 0.5 | 4 |
| 679 | Vertebral Body Hounsfield Units as a Predictor of Incidental Durotomy in Primary Lumbar Spinal Surgery. Spine, 2014, 39, E593-E598. | 1.0 | 10 |
| 680 | Computed Tomography Radiation Dosimetry. Journal of Computer Assisted Tomography, 2014, 38, 807-814. | 0.5 | 8 |
| 681 | Immediate postoperative imaging after uncomplicated endoscopic approach to the anterior skull base: is it necessary?. International Forum of Allergy and Rhinology, 2014, 4, 1024-1029. | 1.5 | 18 |
| 682 | Achieving Ideal Computed Tomographic Scan Length in Patient With Suspected Urolithiasis. Journal of Computer Assisted Tomography, 2014, 38, 264-267. | 0.5 | 4 |
| 683 | Bony Landmarks on Computed Tomographic Localizer Radiographs to Prescribe a Reduced Scan Range in Patients Undergoing Multidetector Computed Tomography for Suspected Urolithiasis. Journal of Computer Assisted Tomography, 2014, 38, 404-407. | 0.5 | 9 |
| 684 | Sternal fracture in the age of pan-scan. Injury, 2015, 46, 1324-1327. | 0.7 | 37 |
| 685 | Novel X-ray image noise reduction technology reduces patient radiation dose while maintaining image quality in coronary angiography. Netherlands Heart Journal, 2015, 23, 525-530. | 0.3 | 19 |
| 686 | Automated measurement of CT noise in patient images with a novel structure coherence feature. Physics in Medicine and Biology, 2015, 60, 9107-9122. | 1.6 | 20 |
| 687 | Cost-effectiveness of Quantitative Pretest Probability Intended to Reduce Unnecessary Medical Radiation Exposure in Emergency Department Patients With Chest Pain and Dyspnea. Academic Emergency Medicine, 2015, 22, 525-535. | 0.8 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 688 | Redefining Overuse to Include Costs: A Decision Analysis for Computed Tomography in Minor Head Injury. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2015, 41, 313-AP2. | 0.4 | 9 |
| 689 | Long-Term Prognosis After Coronary Artery Calcification Testing in Asymptomatic Patients. <i>Annals of Internal Medicine</i> , 2015, 163, 14-21. | 2.0 | 150 |
| 690 | Effect of radiation dose reduction on image quality in adult head CT with noise-suppressing reconstruction system with a 256 slice MDCT. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 285-296. | 0.8 | 20 |
| 691 | Quality markers in cardiology: measures of outcomes and clinical practice – a perspective of the Spanish Society of Cardiology and of Thoracic and Cardiovascular Surgery ¹ . <i>Cirugia Cardiovascular</i> , 2015, 22, 315-324. | 0.1 | 0 |
| 693 | 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 |
| 694 | Computed tomography overexposure as a consequence of extended scan length. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2015, 59, 586-589. | 0.9 | 8 |
| 695 | Diagnostic performance of magnetic resonance imaging for Acute pulmonary embolism: a systematic review and meta-analysis. <i>Journal of Thrombosis and Haemostasis</i> , 2015, 13, 1623-1634. | 1.9 | 20 |
| 696 | 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 |
| 697 | Transcervical ultrasonography in the diagnosis of pediatric peritonsillar abscess. <i>Laryngoscope</i> , 2015, 125, 2799-2804. | 1.1 | 33 |
| 698 | Reversing the established order: Should adrenal venous sampling precede cross-sectional imaging in the evaluation of primary aldosteronism?. <i>Journal of Surgical Oncology</i> , 2015, 112, 144-148. | 0.8 | 10 |
| 699 | On the relationship of minimum detectable contrast to dose and lesion size in abdominal CT. <i>Physics in Medicine and Biology</i> , 2015, 60, 7671-7694. | 1.6 | 5 |
| 700 | Do We Really Need Additional Contrast-Enhanced Abdominal Computed Tomography for Differential Diagnosis in Triage of Middle-Aged Subjects With Suspected Biliary Pain. <i>Medicine (United States)</i> , 2015, 94, e546. | 0.4 | 3 |
| 701 | 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 |
| 702 | 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 |
| 703 | Improving Performance During Image-Guided Procedures. <i>Journal of Patient Safety</i> , 2015, 11, 230-236. | 0.7 | 2 |
| 704 | Complete ultrasonography of trauma in screening blunt abdominal trauma patients is equivalent to computed tomographic scanning while reducing radiation exposure and cost. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 79, 199-205. | 1.1 | 23 |
| 705 | The impact of individual variation analysis on myocardial perfusion imaging utilization within a hospitalist group. <i>Journal of Hospital Medicine</i> , 2015, 10, 190-193. | 0.7 | 4 |
| 706 | Recent Advances in Higher-Order, Multimodal, Biomedical Imaging Agents. <i>Small</i> , 2015, 11, 4445-4461. | 5.2 | 128 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 707 | Etiologic, environmental and inherited risk factors in sarcomas. <i>Journal of Surgical Oncology</i> , 2015, 111, 490-495. | 0.8 | 25 |
| 708 | 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 |
| 709 | Diagnostic Efficiency of Split-Bolus Dual-Energy Computed Tomography for Patients With Suspected Urinary Stones. <i>Journal of Computer Assisted Tomography</i> , 2015, 39, 25-31. | 0.5 | 10 |
| 710 | Image Quality and Dose Assessment in Inner Ear Computed Tomography Imaging With a Flat Panel-Based System. <i>Journal of Computer Assisted Tomography</i> , 2015, 39, 232-239. | 0.5 | 7 |
| 711 | Functional Proton MRI in Emphysematous Rats. <i>Investigative Radiology</i> , 2015, 50, 812-820. | 3.5 | 3 |
| 712 | Laparoscopic Surgery or Conservative Treatment for Appendiceal Abscess in Adults? A Randomized Controlled Trial. <i>Annals of Surgery</i> , 2015, 262, 237-242. | 2.1 | 92 |
| 713 | Reliability of Contrast Echocardiography to Rule Out Pulmonary Arteriovenous Malformations and Avoid <sc>CT</sc> Irradiation in Pediatric Patients with Hereditary Hemorrhagic Telangiectasia. <i>Echocardiography</i> , 2015, 32, 42-48. | 0.3 | 15 |
| 714 | Effects of Iterative Reconstruction Algorithm, Automatic Exposure Control on Image Quality, and Radiation Dose: Phantom Experiments with Coronary CT Angiography Protocols. <i>Progress in Medical Physics</i> , 2015, 26, 28. | 0.4 | 2 |
| 715 | 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 |
| 716 | Combined Use of Automatic Tube Voltage Selection and Current Modulation with Iterative Reconstruction for CT Evaluation of Small Hypervascular Hepatocellular Carcinomas: Effect on Lesion Conspicuity and Image Quality. <i>Korean Journal of Radiology</i> , 2015, 16, 531. | 1.5 | 16 |
| 717 | Readjustment of abdominal computed tomography protocols in a university hospital: impact on radiation dose. <i>Radiologia Brasileira</i> , 2015, 48, 292-297. | 0.3 | 5 |
| 718 | Achieving the Triple Aim Through Informed Consent for Computed Tomography. <i>Western Journal of Emergency Medicine</i> , 2015, 16, 1030-1032. | 0.6 | 0 |
| 719 | Sparse-view computed tomography image reconstruction via a combination of L1 and SLO regularization. <i>Bio-Medical Materials and Engineering</i> , 2015, 26, S1389-S1398. | 0.4 | 8 |
| 720 | Effect of Low Doses (5-40 cGy) of Gamma-irradiation on Lifespan and Stress-related Genes Expression Profile in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2015, 10, e0133840. | 1.1 | 45 |
| 721 | Investigation of Suspected Pulmonary Embolism at Hutt Valley Hospital with CT Pulmonary Angiography: Current Practice and Opportunities for Improvement. <i>Advances in Medicine</i> , 2015, 2015, 1-5. | 0.3 | 4 |
| 722 | Usefulness of Nonenhanced Computed Tomography for Diagnosing Urolithiasis without Pyuria in the Emergency Department. <i>BioMed Research International</i> , 2015, 2015, 1-6. | 0.9 | 5 |
| 723 | An Exploratory Analysis of Public Awareness and Perception of Ionizing Radiation and Guide to Public Health Practice in Vermont. <i>Journal of Environmental and Public Health</i> , 2015, 2015, 1-6. | 0.4 | 12 |
| 724 | The Irregular Diaphragmatic Pleural Interface. <i>Journal of Ultrasound in Medicine</i> , 2015, 34, 1147-1157. | 0.8 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 725 | Radiation Exposure during the Evaluation and Management of Nephrolithiasis. <i>Journal of Urology</i> , 2015, 194, 878-885. | 0.2 | 77 |
| 726 | 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 |
| 727 | Urinary Iodine Excretion and Serum Thyroid Function in Adults After Iodinated Contrast Administration. <i>Thyroid</i> , 2015, 25, 471-477. | 2.4 | 38 |
| 728 | Toward Large-Scale Process Control to Enable Consistent CT Radiation Dose Optimization. <i>American Journal of Roentgenology</i> , 2015, 204, 959-966. | 1.0 | 12 |
| 729 | Vasospasm: My First 25 Years—What Worked? What Didn't? What Next?. <i>Acta Neurochirurgica Supplementum</i> , 2015, 120, 1-10. | 0.5 | 12 |
| 730 | Use of Public Data to Target Variation in Providers' Use of CT and MR Imaging among Medicare Beneficiaries. <i>Radiology</i> , 2015, 275, 718-724. | 3.6 | 19 |
| 731 | Quantification of Pulmonary Inflammatory Processes Using Chest Radiography. <i>Medicine (United States)</i> , 2015, 94, 107-114. | 0.4 | 6 |
| 732 | Analysis of Radiation Dose to Pediatric Patients During Computed Tomography Examinations. <i>Academic Emergency Medicine</i> , 2015, 22, 670-675. | 0.8 | 21 |
| 733 | 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 |
| 734 | Breast Dose Reduction Options During Thoracic CT: Influence of Breast Thickness. <i>American Journal of Roentgenology</i> , 2015, 204, W421-W428. | 1.0 | 14 |
| 735 | Sensitivity and specificity of CT scanning for determining the number of internally concealed packages in "body-packers". <i>Emergency Medicine Journal</i> , 2015, 32, 387-391. | 0.4 | 4 |
| 736 | Age and sex-dependent trends in pulmonary embolism testing and derivation of a clinical decision rule for young patients. <i>Emergency Medicine Journal</i> , 2015, 32, 840-845. | 0.4 | 16 |
| 737 | Review of the Use of Ionizing Radiation in Endovascular Aneurysm Repair. <i>Angiology</i> , 2015, 66, 607-612. | 0.8 | 8 |
| 738 | 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 |
| 739 | The incidence and sites of Nasopharyngeal carcinoma (NPC) metastases on FDG PET/CT scans. <i>Oral Oncology</i> , 2015, 51, 1047-1050. | 0.8 | 7 |
| 741 | The Utility of Computed Tomography in Shunted Patients with Idiopathic Intracranial Hypertension Presenting to the Emergency Department. <i>World Neurosurgery</i> , 2015, 84, 1852-1856. | 0.7 | 8 |
| 742 | Biological Response of Positron Emission Tomography Scan Exposure and Adaptive Response in Humans. <i>Dose-Response</i> , 2015, 13, 155932581561190. | 0.7 | 10 |
| 743 | Neuroimaging Modalities and Brain Technologies in the Context of Organizational Neuroscience. <i>Monographs in Leadership and Management</i> , 2015, , 83-113. | 0.2 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 744 | ACR White Paperâ€œBased Comprehensive Dose Reduction Initiative Is Associated With a Reversal of the Upward Trend in Radiation Dose for Chest CT. <i>Journal of the American College of Radiology</i> , 2015, 12, 1251-1256. | 0.9 | 9 |
| 745 | Evidence-Based Practice: Best Neuroimaging Practice in Non Traumatic Headaches. <i>Journal of Emergency Nursing</i> , 2015, 41, 208-212. | 0.5 | 1 |
| 746 | Coded aperture optimization for compressive X-ray tomosynthesis. <i>Optics Express</i> , 2015, 23, 32788. | 1.7 | 40 |
| 747 | The Assessment and Treatment of High-Grade Lumbosacral Spondylolisthesis and Spondyloptosis in Children and Young Adults. <i>JBJS Reviews</i> , 2015, 3, . | 0.8 | 9 |
| 748 | Diagnosing Stroke in Acute Vertigo: The HINTS Family of Eye Movement Tests and the Future of the â€œEye ECGâ€• Seminars in Neurology, 2015, 35, 506-521. | 0.5 | 112 |
| 749 | Predicting Cancer Risks from Dental Computed Tomography. <i>Journal of Dental Research</i> , 2015, 94, 27-35. | 2.5 | 21 |
| 750 | Accuracy of Reduced-Dose Computed Tomography for Ureteral Stones in Emergency Department Patients. <i>Annals of Emergency Medicine</i> , 2015, 65, 189-198.e2. | 0.3 | 34 |
| 751 | CT Radiation and the Risk of Cancer. <i>Current Radiology Reports</i> , 2015, 3, 1. | 0.4 | 4 |
| 752 | A Review: Radiographic Iodinated Contrast Media-Induced Thyroid Dysfunction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 376-383. | 1.8 | 160 |
| 753 | Pediatric Cervical Spine Injury Evaluation After Blunt Trauma: A Clinical Decision Analysis. <i>Annals of Emergency Medicine</i> , 2015, 65, 239-247. | 0.3 | 20 |
| 754 | Management of C1â€“2 traumatic fractures using an intraoperative 3D imagingâ€œbased navigation system. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 128-133. | 0.9 | 34 |
| 755 | Influence of the adaptive iterative dose reduction 3D algorithm on the detectability of low-contrast lesions and radiation dose repeatability in abdominal computed tomography: a phantom study. <i>Abdominal Imaging</i> , 2015, 40, 1843-1852. | 2.0 | 8 |
| 756 | Screening and early detection efforts in lung cancer. <i>Cancer</i> , 2015, 121, 1347-1356. | 2.0 | 52 |
| 757 | Utility of CT head in the acute setting: value of contrast and non-contrast studies. <i>Irish Journal of Medical Science</i> , 2015, 184, 631-635. | 0.8 | 13 |
| 758 | Trends of CT Utilization in North America Over the Last Decade. <i>Current Radiology Reports</i> , 2015, 3, 1. | 0.4 | 7 |
| 759 | Role of Chest Computed Tomography in Prevention of Occupational Respiratory Disease: Review of Recent Literature. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2015, 36, 433-448. | 0.8 | 14 |
| 760 | Preoperative Mapping in Unicompartmental Knee Arthroplasty Using Computed Tomography Scans Is Associated with Radiation Exposure and Carries High Cost. <i>Journal of Arthroplasty</i> , 2015, 30, 964-967. | 1.5 | 45 |
| 761 | Diagnostic Emergency Imaging Utilization at an Academic Trauma Center From 1996 to 2012. <i>Journal of the American College of Radiology</i> , 2015, 12, 467-474. | 0.9 | 23 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 762 | 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 |
| 763 | Use of Imaging for Staging of Early-Stage Breast Cancer in Two Integrated Health Care Systems: Adherence With a Choosing Wisely Recommendation. <i>Journal of Oncology Practice</i> , 2015, 11, e320-e328. | 2.5 | 15 |
| 764 | Iterative Reconstruction Techniques in Abdominopelvic CT: Technical Concepts and Clinical Implementation. <i>American Journal of Roentgenology</i> , 2015, 205, W19-W31. | 1.0 | 59 |
| 765 | Peripheral arterial tonometry cannot detect patients at low risk of coronary artery disease. <i>Netherlands Heart Journal</i> , 2015, 23, 468-474. | 0.3 | 2 |
| 766 | An exploration of Canadian emergency physicians' and residents' knowledge of computed tomography radiation dosing and risk. <i>Canadian Journal of Emergency Medicine</i> , 2015, 17, 131-139. | 0.5 | 18 |
| 767 | Radiation Exposure During Percutaneous Ablation of Small Renal Masses: A Multi-Institutional Multimodality Analysis. <i>Journal of Endourology</i> , 2015, 29, 1314-1320. | 1.1 | 6 |
| 768 | Screening for Occult Cancer in Unprovoked Venous Thromboembolism. <i>New England Journal of Medicine</i> , 2015, 373, 697-704. | 13.9 | 239 |
| 769 | Techniques for Minimizing Radiation Exposure During Evaluation, Surgical Treatment, and Follow-up of Urinary Lithiasis. <i>Current Urology Reports</i> , 2015, 16, 45. | 1.0 | 9 |
| 770 | Secondary malignant neoplasms in testicular cancer survivors. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2015, 33, 392-398. | 0.8 | 34 |
| 771 | Low-Dose Computed Tomography in the Evaluation of Urolithiasis. <i>Journal of Endourology</i> , 2015, 29, 504-511. | 1.1 | 11 |
| 772 | Informed Consent for Radiation Risk from CT Is Unjustified Based on the Current Scientific Evidence. <i>Radiology</i> , 2015, 275, 321-325. | 3.6 | 39 |
| 773 | Roux-en-Y gastric bypass is associated with an increased exposure to ionizing radiation. <i>Surgery for Obesity and Related Diseases</i> , 2015, 11, 308-312. | 1.0 | 4 |
| 774 | Advanced imaging use in intensive care units has decreased, resulting in lower charges without negative effects on patient outcomes. <i>Journal of Critical Care</i> , 2015, 30, 460-464. | 1.0 | 10 |
| 775 | The use of model-based iterative reconstruction to decrease ED radiation exposure. <i>American Journal of Emergency Medicine</i> , 2015, 33, 559-562. | 0.7 | 5 |
| 776 | Radiology Order Decision Support: Examination-Indication Appropriateness Assessed Using 2 Electronic Systems. <i>Journal of the American College of Radiology</i> , 2015, 12, 349-357. | 0.9 | 18 |
| 777 | Assessment of image quality and low-contrast detectability in abdominal CT of obese patients: comparison of a novel integrated circuit with a conventional discrete circuit detector at different tube voltages. <i>European Radiology</i> , 2015, 25, 687-693. | 2.3 | 5 |
| 778 | Cumulative radiation dose and radiation risk from medical imaging in patients subjected to endovascular aortic aneurysm repair. <i>Radiologia Medica</i> , 2015, 120, 563-570. | 4.7 | 34 |
| 779 | Intraluminal Thrombus, Intraplaque Hemorrhage, Plaque Thickness, and Current Smoking Optimally Predict Carotid Stroke. <i>Stroke</i> , 2015, 46, 84-90. | 1.0 | 69 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 780 | Radiographic Screening of Infants and Young Children With Genetic Predisposition for Rare Malignancies: <i>DICER1</i> Mutations and Pleuropulmonary Blastoma. <i>American Journal of Roentgenology</i> , 2015, 204, W475-W482. | 1.0 | 22 |
| 781 | The Diagnosis of CAD in Women: Addressing the Unmet Need—A Report from the National Expert Roundtable Meeting. <i>Population Health Management</i> , 2015, 18, 86-92. | 0.8 | 3 |
| 782 | Response to Letters Regarding Article, “Cumulative Radiation Exposure and Cancer Risk Estimation in Children With Heart Disease”. <i>Circulation</i> , 2015, 131, e419-20. | 1.6 | 1 |
| 783 | Usefulness of Low-dose Nonenhanced Computed Tomography With Iterative Reconstruction for Evaluation of Urolithiasis: Diagnostic Performance and Agreement between the Urologist and the Radiologist. <i>Urology</i> , 2015, 85, 531-538. | 0.5 | 22 |
| 784 | Anti-TNF therapy is associated with a reduction in radiation exposure in patients with Crohn’s disease. <i>European Journal of Gastroenterology and Hepatology</i> , 2015, 27, 13-19. | 0.8 | 4 |
| 785 | Imaging Innovations in Temporal Bone Disorders. <i>Otolaryngologic Clinics of North America</i> , 2015, 48, 263-280. | 0.5 | 8 |
| 786 | Neuroimaging for the Nonradiologist. <i>International Anesthesiology Clinics</i> , 2015, 53, 123-145. | 0.3 | 0 |
| 787 | Radiation Exposure From CT-Guided Ablation of Renal Masses: Effects on Life Expectancy. <i>American Journal of Roentgenology</i> , 2015, 204, 335-342. | 1.0 | 13 |
| 788 | Effective radiation doses associated with noninvasive versus invasive assessment of coronary anatomy and physiology. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 85, 1173-1181. | 0.7 | 4 |
| 789 | Diagnostic Yield of Recommendations for Chest CT Examination Prompted by Outpatient Chest Radiographic Findings. <i>Radiology</i> , 2015, 275, 262-271. | 3.6 | 17 |
| 790 | Esophageal Visualization as an Adjunct to the Videofluoroscopic Study of Swallowing. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 152, 488-493. | 1.1 | 33 |
| 791 | Quality of Acute Care for Patients With Urinary Stones in the United States. <i>Urology</i> , 2015, 86, 914-921. | 0.5 | 12 |
| 792 | What Are the Recent Recommendations for Follow-Up in Testicular Cancer?. , 2015, , 99-113. | | 0 |
| 793 | Radiographic Characteristics of Adrenal Masses Preceding the Diagnosis of Adrenocortical Cancer. <i>Hormones and Cancer</i> , 2015, 6, 176-181. | 4.9 | 23 |
| 794 | Radiation Doses in Consecutive CT Examinations from Five University of California Medical Centers. <i>Radiology</i> , 2015, 277, 134-141. | 3.6 | 100 |
| 795 | Quality Markers in Cardiology. Main Markers to Measure Quality of Results (Outcomes) and Quality Measures Related to Better Results in Clinical Practice (Performance Metrics). <i>INCARDIO (Indicadores) Tj ETQq1 1 0,784314 rgBT /Over</i> <i>Revista Espanola De Cardiologia (English Ed)</i> . 2015. 68. 976-995.e10. | 0.4 | 15 |
| 796 | Renal sinus exposure as an independent factor predicting asymptomatic unruptured pseudoaneurysm formation detected in the early postoperative period after minimally invasive partial nephrectomy. <i>International Journal of Urology</i> , 2015, 22, 356-361. | 0.5 | 33 |
| 797 | Editorial Comment to Renal sinus exposure as an independent factor predicting asymptomatic unruptured pseudoaneurysm formation detected in the early postoperative period after minimally invasive partial nephrectomy. <i>International Journal of Urology</i> , 2015, 22, 361-361. | 0.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 799 | Imaging Radiation Doses and Associated Risks and Benefits in Subjects Participating in Breast Cancer Clinical Trials. <i>Oncologist</i> , 2015, 20, 702-712. | 1.9 | 6 |
| 800 | Diagnosis and disposition are changed when board-certified emergency physicians use CT for non-traumatic abdominal pain. <i>American Journal of Emergency Medicine</i> , 2015, 33, 1646-1650. | 0.7 | 14 |
| 801 | Routine Imaging for Diffuse Large B-Cell Lymphoma in First Complete Remission Does Not Improve Post-Treatment Survival: A Danish-Swedish Population-Based Study. <i>Journal of Clinical Oncology</i> , 2015, 33, 3993-3998. | 0.8 | 74 |
| 802 | Radioactive Iodine Therapy Did Not Significantly Increase the Incidence and Recurrence of Subsequent Breast Cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 3486-3493. | 1.8 | 19 |
| 803 | 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 |
| 804 | Development of an anthropomorphic head phantom using dolomite and polymethyl methacrylate for dosimetry in computed tomography. <i>Radiation Physics and Chemistry</i> , 2015, 117, 203-208. | 1.4 | 5 |
| 805 | 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 |
| 806 | Vascular Imaging With Ferumoxytol as a Contrast Agent. <i>American Journal of Roentgenology</i> , 2015, 205, W366-W373. | 1.0 | 104 |
| 807 | Iodinated Contrast Media Increased the Risk of Thyroid Dysfunction: A 6-Year Retrospective Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 3372-3379. | 1.8 | 34 |
| 808 | Increased Health Insurance Coverage Under the Affordable Care Act: Implications for Emergency Department Imaging Volume in the US. <i>Journal of the American College of Radiology</i> , 2015, 12, 907-908. | 0.9 | 1 |
| 809 | Partial kilovoltage cone beam computed tomography, complete kilovoltage cone beam computed tomography, and electronic portal images for breast radiation therapy: A dose-comparison study. <i>Practical Radiation Oncology</i> , 2015, 5, e521-e529. | 1.1 | 3 |
| 810 | Identifying Institutional Diagnostic Reference Levels for CT with Radiation Dose Index Monitoring Software. <i>Radiology</i> , 2015, 276, 507-517. | 3.6 | 65 |
| 811 | Value of Exercise ECG for Risk Stratification in Suspected or Known CAD in the Era of Advanced Imaging Technologies. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1309-1321. | 2.3 | 66 |
| 812 | Computed Tomography-Based Assessment of Abdominal Adiposity Changes and Their Impact on Metabolic Alterations Following Bariatric Surgery. <i>World Journal of Surgery</i> , 2015, 39, 417-423. | 0.8 | 26 |
| 813 | 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 |
| 814 | The value of ultrasonography in the diagnosis of appendicitis. <i>International Journal of Surgery</i> , 2015, 13, 165-169. | 1.1 | 41 |
| 815 | Performance of perfusion-weighted Fourier decomposition MRI for detection of chronic pulmonary emboli. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 72-79. | 1.9 | 38 |
| 816 | Feasibility of ultra-low radiation dose reduction for renal stone CT using model-based iterative reconstruction: prospective pilot study. <i>Clinical Imaging</i> , 2015, 39, 99-103. | 0.8 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 817 | Radiation Dose During Coronary Angiogram: Relation to Body Mass Index. <i>Heart Lung and Circulation</i> , 2015, 24, 21-25. | 0.2 | 45 |
| 818 | Abdominal wall thickness is not useful to predict appendix visualization on sonography in adult patients with suspected appendicitis. <i>Journal of Clinical Ultrasound</i> , 2015, 43, 269-276. | 0.4 | 10 |
| 819 | Evaluation of the validity of the different arms of the ASAS set of criteria for axial spondyloarthritis and description of the different imaging abnormalities suggestive of spondyloarthritis: data from the DESIR cohort. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 746-751. | 0.5 | 60 |
| 820 | Comparison of diagnostic performance between single- and multiphase contrast-enhanced abdominopelvic computed tomography in patients admitted to the emergency department with abdominal pain: potential radiation dose reduction. <i>European Radiology</i> , 2015, 25, 1048-1058. | 2.3 | 11 |
| 821 | Evaluation of the pulmonary embolism rule-out criteria in a retrospective cohort at an urban academic hospital. <i>American Journal of Emergency Medicine</i> , 2015, 33, 483-487. | 0.7 | 14 |
| 822 | Reducing Radiation, Revising Reference Levels. <i>Journal of the American College of Radiology</i> , 2015, 12, 537-539. | 0.9 | 2 |
| 823 | The Clinical Features of Sarcoidosis: A Comprehensive Review. <i>Clinical Reviews in Allergy and Immunology</i> , 2015, 49, 63-78. | 2.9 | 167 |
| 824 | Lung Cancer Screening. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 19-33. | 2.5 | 206 |
| 825 | Cost-effectiveness of computed tomography coronary angiography versus conventional invasive coronary angiography. <i>European Journal of Health Economics</i> , 2015, 16, 647-655. | 1.4 | 14 |
| 826 | No benefit of routine surveillance imaging in Hodgkin lymphoma. <i>British Journal of Haematology</i> , 2015, 168, 613-614. | 1.2 | 2 |
| 827 | Are staging investigations being overused in patients with low and intermediate risk prostate cancer?. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2015, 59, 77-81. | 0.9 | 5 |
| 828 | Low-dose CT for patients with clinically suspected acute appendicitis: optimal strength of sinogram affirmed iterative reconstruction for image quality and diagnostic performance. <i>Acta Radiologica</i> , 2015, 56, 899-907. | 0.5 | 22 |
| 829 | Diagnostic Imaging: Focusing a Lens on Sex and Gender. , 0, , 163-178. | | 0 |
| 830 | Diagnostic imaging and radiation exposure in inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2016, 22, 2165-2178. | 1.4 | 43 |
| 831 | Knowledge about Radiation Related Health Hazards and Protective Measures among Patients Waiting for Radiologic Imaging in Jimma University Hospital, Southwest Ethiopia. <i>Ethiopian Journal of Health Sciences</i> , 2016, 26, 227. | 0.2 | 7 |
| 832 | Reducing computed tomography radiation dose in diagnosing pulmonary embolism. <i>Pakistan Journal of Medical Sciences</i> , 2016, 32, 1444-1448. | 0.3 | 0 |
| 833 | Computed tomography and patient risk: Facts, perceptions and uncertainties. <i>World Journal of Radiology</i> , 2016, 8, 902. | 0.5 | 178 |
| 834 | Pretreatment biopsy for thymic epithelial tumors—does histology subtype matter for treatment strategy?. <i>Journal of Thoracic Disease</i> , 2016, 8, 1895-1900. | 0.6 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 835 | Radiation dosing in the investigation and follow-up of urolithiasis: Comparison between historical and contemporary practices. Investigative and Clinical Urology, 2016, 57, 113. | 1.0 | 6 |
| 836 | A Supervised Learning Approach for Dynamic Sampling. IS&T International Symposium on Electronic Imaging, 2016, 28, 1-8. | 0.3 | 19 |
| 837 | Sources and Coded Aperture Transmittance Analysis in Compressive Computed Tomography. Ingenieria Y Universidad, 2016, 20, 411. | 0.5 | 1 |
| 838 | Lung cancer screening. Current Opinion in Pulmonary Medicine, 2016, 22, 327-335. | 1.2 | 2 |
| 839 | Cost Analysis of the STONE Randomized Trial. Medical Care, 2016, 54, 337-342. | 1.1 | 19 |
| 840 | 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. Journal of Pediatric Hematology/Oncology, 2016, 38, 227-231. | 0.3 | 2 |
| 841 | Dual-Energy Computed Tomography Gemstone Spectral Imaging. Journal of Computer Assisted Tomography, 2016, 40, 283-289. | 0.5 | 2 |
| 842 | Accessibility of the Cervicothoracic Junction Through an Anterior Approach. Spine, 2016, 41, 69-73. | 1.0 | 5 |
| 843 | A hybrid stochastic-deterministic gradient descent algorithm for image reconstruction in cone-beam computed tomography. Biomedical Physics and Engineering Express, 2016, 2, 015008. | 0.6 | 4 |
| 844 | No survival benefit associated with routine surveillance imaging for Hodgkin lymphoma in first remission: a Danishâ€Swedish populationâ€based observational study. British Journal of Haematology, 2016, 173, 236-244. | 1.2 | 28 |
| 845 | Sinogram smoothing and interpolation via alternating projections onto the slope and curvature constraints. Proceedings of SPIE, 2016, , . | 0.8 | 0 |
| 846 | Diagnostic Usefulness of Low-Dose Nonenhanced Computed Tomography With Coronal Reformations in Patients With Suspected Acute Appendicitis. Journal of Computer Assisted Tomography, 2016, 40, 485-492. | 0.5 | 8 |
| 847 | Minimally Invasive Surgery in Patients With Adolescent Idiopathic Scoliosis. Clinical Spine Surgery, 2016, 29, 331-340. | 0.7 | 39 |
| 848 | Radiation intensity () and visibility of anatomical structures in head CT examinations. Journal of Applied Clinical Medical Physics, 2016, 17, 293-300. | 0.8 | 2 |
| 849 | Image texture and radiation dose properties in CT. Journal of Applied Clinical Medical Physics, 2016, 17, 408-418. | 0.8 | 2 |
| 851 | Updated effective doses in radiology. Journal of Radiological Protection, 2016, 36, 975-990. | 0.6 | 49 |
| 852 | Informing Patients About the Cancer Induction Risk of Undergoing Computed Tomography Imaging: The Radiographers' Perspective. Journal of Medical Imaging and Radiation Sciences, 2016, 47, 337-348. | 0.2 | 6 |
| 853 | Effect of reconstruction methods and x-ray tube currentâ€time product on nodule detection in an anthropomorphic thorax phantom: A crossedâ€modality JAFROC observer study. Medical Physics, 2016, 43, 1265-1274. | 1.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 854 | A method for high-energy, low-dose mammography using edge illumination x-ray phase-contrast imaging. <i>Physics in Medicine and Biology</i> , 2016, 61, 8750-8761. | 1.6 | 25 |
| 855 | Reducing streak artifacts in computed tomography via sparse representation in coupled dictionaries. <i>Medical Physics</i> , 2016, 43, 1473-1486. | 1.6 | 12 |
| 856 | Benefits of adaptive radiation therapy in lung cancer as a function of replanning frequency. <i>Medical Physics</i> , 2016, 43, 1787-1794. | 1.6 | 32 |
| 857 | Advanced abdominal imaging with dual energy CT is feasible without increasing radiation dose. <i>Cancer Imaging</i> , 2016, 16, 15. | 1.2 | 52 |
| 858 | Design of a compressive sampling strategy in a computed tomography cone-beam architecture. , 2016, , . | | 1 |
| 859 | Impact of the Adaptive Statistical Iterative Reconstruction Technique on Radiation Dose and Image Quality in Bone SPECT/CT. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1091-1095. | 2.8 | 15 |
| 860 | Not Everything That Wheezes Is Asthma, but Most Is: Remembering Occam's Razor. <i>Hospital Pediatrics</i> , 2016, 6, 42-46. | 0.6 | 0 |
| 861 | Comparison of Rates of Coronary Angiography and Combined Testing Procedures in Patients Seen in the Emergency Room With Chest Pain (But No Objective Acute Coronary Syndrome Findings) Having Coronary Computed Tomography Versus Exercise Stress Testing. <i>American Journal of Cardiology</i> , 2016, 118, 155-161. | 0.7 | 1 |
| 862 | 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 |
| 863 | Robotics in Arthroplasty: A Comprehensive Review. <i>Journal of Arthroplasty</i> , 2016, 31, 2353-2363. | 1.5 | 303 |
| 864 | Evaluation for suspected acute appendicitis in the emergency department setting: a comparison of outcomes among three imaging pathways. <i>Clinical Imaging</i> , 2016, 40, 788-792. | 0.8 | 5 |
| 865 | A pilot study of patient-specific cardiovascular MDCT dose maps and their utility in estimating patient-specific organ and effective doses in obese patients. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 265-268. | 0.7 | 0 |
| 866 | Call for a new classification system and treatment strategy in blunt aortic injury. <i>Journal of Vascular Surgery</i> , 2016, 64, 171-176. | 0.6 | 74 |
| 867 | Evidence-Based Medicine Approach to Abdominal Pain. <i>Emergency Medicine Clinics of North America</i> , 2016, 34, 165-190. | 0.5 | 40 |
| 868 | Diagnosis of acute rhinosinusitis in primary care: a systematic review of test accuracy. <i>British Journal of General Practice</i> , 2016, 66, e612-e632. | 0.7 | 18 |
| 869 | Potential impact of clinical use of noninvasive FFRCT on radiation dose exposure and downstream clinical event rate. <i>Clinical Imaging</i> , 2016, 40, 1055-1060. | 0.8 | 8 |
| 870 | Imaging and radiological interventions for the acute abdomen. <i>Surgery</i> , 2016, 34, 581-589. | 0.1 | 0 |
| 871 | Utility of virtual unenhanced images and split-bolus injection using spectral multidetector CT for the assessment of renal cell carcinoma conspicuity and radiation dose. <i>International Journal of Clinical Practice</i> , 2016, 70, B56-B63. | 0.8 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 872 | Optimizing <i>z</i> -axis coverage of abdominal CT scans of the urinary tract: a proposed alternative proximal landmark for acquisition planning. <i>British Journal of Radiology</i> , 2016, 89, 20160197. | 1.0 | 2 |
| 873 | Few-view CT reconstruction via a novel non-local means algorithm. <i>Physica Medica</i> , 2016, 32, 1276-1283. | 0.4 | 10 |
| 874 | 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 |
| 875 | Performance of adaptive iterative dose reduction 3D integrated with automatic tube current modulation in radiation dose and image noise reduction compared with filtered-back projection for 80-kVp abdominal CT: Anthropomorphic phantom and patient study. <i>European Journal of Radiology</i> , 2016, 85, 1666-1672. | 1.2 | 11 |
| 876 | Medicolegal Aspects and Informed Consent. <i>Medical Radiology</i> , 2016, , 25-34. | 0.0 | 0 |
| 877 | Safety of Computed Tomographic Angiography in the Evaluation of Patients With Acute Stroke. <i>Stroke</i> , 2016, 47, 2045-2050. | 1.0 | 32 |
| 878 | Can clinical prediction tools predict the need for computed tomography in blunt abdominal? A systematic review. <i>Injury</i> , 2016, 47, 1811-1818. | 0.7 | 7 |
| 879 | Radiation exposure in spine surgery using an image-guided system based on intraoperative cone-beam computed tomography: analysis of 107 consecutive cases. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 654-659. | 0.9 | 57 |
| 880 | The Association Between Physician Empathy and Variation in Imaging Use. <i>Academic Emergency Medicine</i> , 2016, 23, 895-904. | 0.8 | 10 |
| 881 | Pattern of Imaging after Lung Cancer Resection. 1992-2005. <i>Annals of the American Thoracic Society</i> , 2016, 13, 1559-1567. | 1.5 | 8 |
| 882 | Improving Low-dose Cardiac CT Images based on 3D Sparse Representation. <i>Scientific Reports</i> , 2016, 6, 22804. | 1.6 | 9 |
| 883 | Limited Hospital Variation in the Use and Yield of CT for Pulmonary Embolism in Patients Undergoing Total Hip or Total Knee Replacement Surgery. <i>Radiology</i> , 2016, 281, 826-834. | 3.6 | 4 |
| 884 | 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 |
| 885 | Wide Variation in Radiation Exposure During Computerized Tomography. <i>Urology</i> , 2016, 95, 47-53. | 0.5 | 3 |
| 887 | Circulating Tumor DNA to Monitor Therapy for Aggressive B-Cell Lymphomas. <i>Current Treatment Options in Oncology</i> , 2016, 17, 47. | 1.3 | 27 |
| 888 | Sex-related Differences in Emergency Department Renal Colic Management: Females Have Fewer Computed Tomography Scans but Similar Outcomes. <i>Academic Emergency Medicine</i> , 2016, 23, 1153-1160. | 0.8 | 13 |
| 889 | Imaging for Head, Neck, and Orofacial Infections. , 2016, , 103-120. | | 0 |
| 890 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 891 | Determination of a Testing Threshold for Lumbar Puncture in the Diagnosis of Subarachnoid Hemorrhage after a Negative Head Computed Tomography: A Decision Analysis. <i>Academic Emergency Medicine</i> , 2016, 23, 1119-1127. | 0.8 | 9 |
| 892 | Optical-Based Analysis of Soft Tissue Structures. <i>Annual Review of Biomedical Engineering</i> , 2016, 18, 357-385. | 5.7 | 28 |
| 893 | Population imaging in neuroepidemiology. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2016, 138, 69-90. | 1.0 | 2 |
| 894 | Hematuria as a Marker of Occult Urinary Tract Cancer: Advice for High-Value Care From the American College of Physicians. <i>Annals of Internal Medicine</i> , 2016, 164, 488. | 2.0 | 63 |
| 895 | Real-Time Patient Table Removal in CT Images. <i>Lecture Notes in Computer Science</i> , 2016, , 1-8. | 1.0 | 3 |
| 896 | Same-Day Computed Tomographic Chest Imaging for Pulmonary Nodule Targeting with Electromagnetic Navigation Bronchoscopy May Decrease Unnecessary Procedures. <i>Annals of the American Thoracic Society</i> , 2016, 13, 2223-2228. | 1.5 | 20 |
| 897 | A prospective analysis of physical examination findings in the diagnosis of facial fractures: Determining predictive value. <i>Plastic Surgery</i> , 2016, 24, 73-79. | 0.4 | 14 |
| 898 | Temporal trends in the risk of developing multiple primary cancers: a systematic review. <i>BMC Cancer</i> , 2016, 16, 849. | 1.1 | 18 |
| 899 | The Think A-Head campaign: an introduction to ImageGently 2.0. <i>Pediatric Radiology</i> , 2016, 46, 1774-1779. | 1.1 | 11 |
| 900 | Trends of CT utilisation in an emergency department in Taiwan: a 5-year retrospective study. <i>BMJ Open</i> , 2016, 6, e010973. | 0.8 | 22 |
| 901 | The evolution of computed tomography from organ-selective to whole-body scanning in managing unconscious patients with multiple trauma. <i>Medicine (United States)</i> , 2016, 95, e4653. | 0.4 | 10 |
| 902 | Use of posttreatment imaging and biomarkers in survivors of early-stage breast cancer: Inappropriate surveillance or necessary care?. <i>Cancer</i> , 2016, 122, 908-916. | 2.0 | 28 |
| 904 | Comparison of filtered back projection and iterative reconstruction in diagnosing appendicitis at 2-mSv CT. <i>Abdominal Radiology</i> , 2016, 41, 1227-1236. | 1.0 | 10 |
| 905 | Imaging More Wisely—Already At Work—Reply. <i>JAMA Internal Medicine</i> , 2016, 176, 870. | 2.6 | 1 |
| 906 | Cathepsin S-cleavable, multi-block HPMA copolymers for improved SPECT/CT imaging of pancreatic cancer. <i>Biomaterials</i> , 2016, 103, 101-115. | 5.7 | 24 |
| 907 | Mathematical Models of Contrast Transport Kinetics for Cancer Diagnostic Imaging: A Review. <i>IEEE Reviews in Biomedical Engineering</i> , 2016, 9, 121-147. | 13.1 | 32 |
| 908 | Instituting a Low-dose CT-guided Lung Biopsy Protocol. <i>Academic Radiology</i> , 2016, 23, 1130-1136. | 1.3 | 12 |
| 909 | Iodinated Contrast Media—Induced Thyroid Dysfunction in Euthyroid Nodular Goiter Patients. <i>Thyroid</i> , 2016, 26, 1030-1038. | 2.4 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 910 | Hazards of Ionizing Radiation and its Impact on Spine Surgery. <i>World Neurosurgery</i> , 2016, 92, 353-359. | 0.7 | 24 |
| 911 | Tracking and Resolving CT Dose Metric Outliers Using Root-Cause Analysis. <i>Journal of the American College of Radiology</i> , 2016, 13, 680-687. | 0.9 | 4 |
| 912 | Growing rod erosion through the lamina causing spinal cord compression in an 8-year-old girl with early-onset scoliosis. <i>Spine Journal</i> , 2016, 16, e641-e646. | 0.6 | 1 |
| 913 | DNA damage-associated biomarkers in studying individual sensitivity to low-dose radiation from cardiovascular imaging. <i>European Heart Journal</i> , 2016, 37, 3075-3080. | 1.0 | 24 |
| 914 | Low yield of surveillance imaging after surgery for T1 kidney cancer. <i>World Journal of Urology</i> , 2016, 34, 949-953. | 1.2 | 4 |
| 915 | Quality markers in cardiology: measures of outcomes and clinical practice—a perspective of the Spanish Society of Cardiology and of Thoracic and Cardiovascular Surgery. <i>European Heart Journal</i> , 2016, 37, 12-23. | 1.0 | 14 |
| 916 | The efficacy and safety of low-dose radiotherapy on pain and functioning in patients with osteoarthritis: a systematic review. <i>Rheumatology International</i> , 2016, 36, 133-142. | 1.5 | 25 |
| 917 | The Impact of Clinical Decision Rules on Computed Tomography Use and Yield for Pulmonary Embolism: A Systematic Review and Meta-analysis. <i>Annals of Emergency Medicine</i> , 2016, 67, 693-701.e3. | 0.3 | 50 |
| 918 | Influence of CT automatic tube current modulation on uncertainty in effective dose. <i>Radiation Protection Dosimetry</i> , 2016, 168, 46-54. | 0.4 | 5 |
| 919 | 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 |
| 920 | Clinical and Pathologic Staging of Prostate Cancer. , 2016, , 353-360. | | 0 |
| 921 | Radiation dose and diagnostic accuracy of high-pitch dual-source coronary angiography in the evaluation of coronary artery stenoses. <i>Diagnostic and Interventional Imaging</i> , 2016, 97, 461-469. | 1.8 | 21 |
| 922 | Diagnostic performance of abdominal CT for diagnosis of pelvic fractures: comparison with pelvic CT. <i>Acta Radiologica</i> , 2016, 57, 1244-1250. | 0.5 | 2 |
| 923 | Significant but reasonable radiation exposure from computed tomography-related medical imaging in the ICU. <i>Emergency Radiology</i> , 2016, 23, 141-146. | 1.0 | 8 |
| 924 | Feasibility of virtual nonenhanced images derived from single-source fast kVp-switching dual-energy CT in evaluating gastric tumors. <i>European Journal of Radiology</i> , 2016, 85, 366-372. | 1.2 | 23 |
| 925 | Who explicitly requests the ordering of computed tomography for emergency department patients? A multicenter prospective study. <i>Emergency Radiology</i> , 2016, 23, 221-227. | 1.0 | 10 |
| 926 | Letter to the Editor: Steroid use in anterior cervical discectomy and fusion. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 998-1000. | 0.9 | 3 |
| 927 | Towards patient dose optimization in digital radiography. Measurement: Journal of the International Measurement Confederation, 2016, 79, 331-338. | 2.5 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 928 | Use of modified barium swallow study to measure posterior airway space in obstructive sleep apnea. <i>Acta Oto-Laryngologica</i> , 2016, 136, 592-597. | 0.3 | 5 |
| 929 | Monitoring Ionizing Radiation Exposure for Cardiotoxic Effects of Breast Cancer Treatment. <i>American Journal of Cardiology</i> , 2016, 117, 1678-1682. | 0.7 | 1 |
| 930 | How to perform low-dose computed tomography for renal colic in clinical practice. <i>Diagnostic and Interventional Imaging</i> , 2016, 97, 393-400. | 1.8 | 25 |
| 931 | Effect of comfort pads and incubator design on neonatal radiography. <i>Pediatric Radiology</i> , 2016, 46, 112-118. | 1.1 | 13 |
| 932 | CT in the Emergency Department: A Real-Time Study of Changes in Physician Decision Making. <i>Radiology</i> , 2016, 278, 812-821. | 3.6 | 99 |
| 933 | Arterial phase CT for the detection of splenic injuries in blunt trauma: would it improve clinical outcomes?. <i>Clinical Imaging</i> , 2016, 40, 212-216. | 0.8 | 5 |
| 934 | Determination of optimal imaging settings for urolithiasis CT using filtered back projection (FBP), statistical iterative reconstruction (IR) and knowledge-based iterative model reconstruction (IMR): a physical human phantom study. <i>British Journal of Radiology</i> , 2016, 89, 20150527. | 1.0 | 7 |
| 935 | Managing Urolithiasis. <i>Annals of Emergency Medicine</i> , 2016, 67, 449-454. | 0.3 | 23 |
| 936 | Diagnostic accuracy of low-dose CT compared with abdominal radiography in non-traumatic acute abdominal pain: prospective study and systematic review. <i>European Radiology</i> , 2016, 26, 1766-1774. | 2.3 | 47 |
| 937 | Measuring Abdominal Circumference and Skeletal Muscle From a Single Cross-Sectional Computed Tomography Image. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016, 40, 308-318. | 1.3 | 198 |
| 938 | Ability of Serum Glial Fibrillary Acidic Protein, Ubiquitin C-Terminal Hydrolase-L1, and S100B To Differentiate Normal and Abnormal Head Computed Tomography Findings in Patients with Suspected Mild or Moderate Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 203-214. | 1.7 | 142 |
| 939 | Validity of STONE scores in younger patients presenting with suspected uncomplicated renal colic. <i>American Journal of Emergency Medicine</i> , 2016, 34, 230-234. | 0.7 | 14 |
| 940 | Preexisting adrenal masses in patients with adrenocortical carcinoma: clinical and radiological factors contributing to delayed diagnosis. <i>Endocrine</i> , 2016, 51, 351-359. | 1.1 | 27 |
| 941 | Hazards of Ionizing Radiation and Its Impact on Neurosurgical Practice. <i>World Neurosurgery</i> , 2016, 86, 42-43. | 0.7 | 3 |
| 942 | Rapid acquisition axial and coronal T2 HASTE MR in the evaluation of acute abdominal pain. <i>European Journal of Radiology</i> , 2016, 85, 286-290. | 1.2 | 25 |
| 943 | The evidence for low-dose CT screening of lung cancer. <i>Clinical Imaging</i> , 2016, 40, 288-295. | 0.8 | 10 |
| 944 | Minimizing Radiation Exposure in Evaluation of Pediatric Head Trauma: Use of Rapid MR Imaging. <i>American Journal of Neuroradiology</i> , 2016, 37, 11-18. | 1.2 | 42 |
| 945 | Clinically Diagnosed Acute Diverticulitis in Outpatients: Misdiagnosis in Patients with Irritable Bowel Syndrome. <i>Digestive Diseases and Sciences</i> , 2016, 61, 578-588. | 1.1 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 946 | Epidemiology of Lung Cancer. , 2016, , 927-939.e5. | | 5 |
| 947 | Thoracic Radiology. , 2016, , 299-331.e28. | | 1 |
| 948 | Considerations in Imaging Among Emergency Department Patients With Inflammatory Bowel Disease. Annals of Emergency Medicine, 2017, 69, 587-599. | 0.3 | 17 |
| 949 | Optimisation of breast cancer patients' follow-up - potential way to improve cancer care in transitional countries. European Journal of Cancer Care, 2017, 26, e12514. | 0.7 | 1 |
| 950 | Single- and dual-energy CT of the abdomen: comparison of radiation dose and image quality of 2nd and 3rd generation dual-source CT. European Radiology, 2017, 27, 642-650. | 2.3 | 93 |
| 951 | Radiographic characterization of the B2 glenoid: is inclusion of the entirety of the scapula necessary?. Journal of Shoulder and Elbow Surgery, 2017, 26, 855-860. | 1.2 | 15 |
| 952 | Feasibility of Informed Consent for Computed Tomography in Acute Trauma Patients. Academic Emergency Medicine, 2017, 24, 637-640. | 0.8 | 1 |
| 953 | Improved Image Quality of Low-Dose CT Pulmonary Angiograms. Journal of the American College of Radiology, 2017, 14, 648-653. | 0.9 | 6 |
| 954 | Effects of Radiation Exposure on the Cost-Effectiveness of CT Angiography and Perfusion Imaging in Aneurysmal Subarachnoid Hemorrhage. American Journal of Neuroradiology, 2017, 38, 462-468. | 1.2 | 11 |
| 955 | Magnetic Resonance Imaging of Pulmonary Embolism: Diagnostic Accuracy of Unenhanced MR and Influence in Mortality Rates. Lung, 2017, 195, 193-199. | 1.4 | 17 |
| 956 | Biological basis of radiation protection needs rejuvenation. International Journal of Radiation Biology, 2017, 93, 1056-1063. | 1.0 | 13 |
| 957 | Cost effectiveness of the addition of a comprehensive CT scan to the abdomen and pelvis for the detection of cancer after unprovoked venous thromboembolism. Thrombosis Research, 2017, 151, 67-71. | 0.8 | 25 |
| 958 | Assessing Cartilage Biomechanical Properties: Techniques for Evaluating the Functional Performance of Cartilage in Health and Disease. Annual Review of Biomedical Engineering, 2017, 19, 27-55. | 5.7 | 33 |
| 959 | Physician and Patient Radiation Exposure During Endovascular Procedures. Current Treatment Options in Cardiovascular Medicine, 2017, 19, 10. | 0.4 | 7 |
| 960 | Toward Precision Diagnostics. Academic Emergency Medicine, 2017, 24, 644-646. | 0.8 | 3 |
| 961 | Brain Computed Tomography Compared with Facial 3-Dimensional Computed Tomography for Diagnosis of Facial Fractures. Journal of Pediatrics, 2017, 184, 32-37.e2. | 0.9 | 4 |
| 962 | Emergency Department Triage of Traumatic Head Injury Using a Brain Electrical Activity Biomarker: A Multisite Prospective Observational Validation Trial. Academic Emergency Medicine, 2017, 24, 617-627. | 0.8 | 35 |
| 963 | Challenges in Quality Improvement: Appropriate Utilization of Computed Tomography Angiograms for Evaluation of Pulmonary Embolism. American Journal of Medicine, 2017, 130, 652-656. | 0.6 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 964 | The Utility of Neutrophil to Lymphocyte Ratio as a Predictor of Intervention in Acute Diverticulitis. <i>Digestive Surgery</i> , 2017, 34, 227-232. | 0.6 | 16 |
| 965 | Optimizing Radiation Doses for Computed Tomography Across Institutions. <i>JAMA Internal Medicine</i> , 2017, 177, 810. | 2.6 | 40 |
| 966 | Children, medical radiation and the environment: An important dialogue. <i>Environmental Research</i> , 2017, 156, 358-363. | 3.7 | 11 |
| 967 | Imaging Advances in Urolithiasis. <i>Journal of Endourology</i> , 2017, 31, 623-629. | 1.1 | 9 |
| 968 | The arterial supply of the nipple areola complex (NAC) and its relations: an analysis of angiographic CT imaging for breast pedicle design. <i>Surgical and Radiologic Anatomy</i> , 2017, 39, 1127-1134. | 0.6 | 11 |
| 969 | Detection of Femoral Neck Fractures in Pediatric Patients With Femoral Shaft Fractures. <i>Journal of Pediatric Orthopaedics</i> , 2017, 37, e164-e167. | 0.6 | 15 |
| 970 | Phosphoprotein profiles of candidate markers for early cellular responses to low-dose \hat{I}^3 -radiation in normal human fibroblast cells. <i>Journal of Radiation Research</i> , 2017, 58, 329-340. | 0.8 | 10 |
| 971 | Introduction of a Dedicated Emergency Department MR Imaging Scanner at the Barrow Neurological Institute. <i>American Journal of Neuroradiology</i> , 2017, 38, 1480-1485. | 1.2 | 15 |
| 972 | Quantitative Differentiation of Pneumonia from Normal Lungs: Diagnostic Assessment Using Photoacoustic Spectral Response. <i>Applied Spectroscopy</i> , 2017, 71, 2532-2537. | 1.2 | 7 |
| 973 | Accuracy of dual bolus single acquisition computed tomography in the diagnosis and grading of adult traumatic splenic parenchymal and vascular injury. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2017, 61, 725-731. | 0.9 | 8 |
| 974 | Blood-based protein biomarkers for stroke differentiation: A systematic review. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1700007. | 0.8 | 43 |
| 975 | Spectrum of Syndromic Disorders Associated with Pediatric Tumors. <i>Radiologic Clinics of North America</i> , 2017, 55, 869-893. | 0.9 | 4 |
| 976 | Head and neck effective dose and quantitative assessment of image quality: a study to compare cone beam CT and multislice spiral CT. <i>Dentomaxillofacial Radiology</i> , 2017, 46, 20170030. | 1.3 | 52 |
| 977 | Modified Delphi Process for the Development of Choosing Wisely for Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2017, 23, 858-865. | 0.9 | 25 |
| 978 | Can Ultrasound With Contrast Enhancement Replace Nonenhanced Computed Tomography Scans in Patients With Contraindication to Computed Tomography Contrast Agents?. <i>Ultrasound Quarterly</i> , 2017, 33, 125-132. | 0.3 | 19 |
| 979 | Diagnostic Medical Imaging in Pediatric Patients and Subsequent Cancer Risk. <i>Academic Radiology</i> , 2017, 24, 1456-1462. | 1.3 | 17 |
| 980 | Accuracy and Reliability of Computed Tomography and Magnetic Resonance Imaging Compared With True Anatomic Femoral Version. <i>Journal of Pediatric Orthopaedics</i> , 2017, 37, e265-e270. | 0.6 | 26 |
| 981 | MRI of cystic fibrosis lung manifestations: sequence evaluation and clinical outcome analysis. <i>Clinical Radiology</i> , 2017, 72, 754-763. | 0.5 | 17 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 982 | Frequencies of micronucleated reticulocytes, a dosimeter of DNA double-strand breaks, in infants receiving computed tomography or cardiac catheterization. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017, 820, 8-18. | 0.9 | 10 |
| 983 | A new CT reconstruction technique using adaptive deformation recovery and intensity correction (ADRIC). <i>Medical Physics</i> , 2017, 44, 2223-2241. | 1.6 | 14 |
| 984 | Predictors of growth kinetics and outcomes in small renal masses (SRM ≤ 4 cm in size): Tayside Active Surveillance Cohort (TASC) Study. <i>European Journal of Surgical Oncology</i> , 2017, 43, 1589-1597. | 0.5 | 16 |
| 985 | The preponderance and dye-tissue receptive variability analyses of malignant and benign lesions of the female genitalia. <i>Journal of Oncological Science</i> , 2017, 3, 12-17. | 0.1 | 0 |
| 986 | Radiation, Risks, and α a Rational Approach in Diagnostic Imaging: What the Radiology Team Should Know. <i>Journal of Radiology Nursing</i> , 2017, 36, 10-14. | 0.2 | 3 |
| 987 | Evaluation of optimal parameters for using low-dose computed tomography to diagnose urolithiasis. <i>Radiation Physics and Chemistry</i> , 2017, 140, 242-246. | 1.4 | 0 |
| 988 | Use of an Online Education Platform to Enhance Patients' Knowledge About Radiation in Diagnostic Imaging. <i>Journal of the American College of Radiology</i> , 2017, 14, 386-392. | 0.9 | 24 |
| 989 | Sparse-View Image Reconstruction in Cone-Beam Computed Tomography with Variance-Reduced Stochastic Gradient Descent and Locally-Adaptive Proximal Operation. <i>Journal of Medical and Biological Engineering</i> , 2017, 37, 420-440. | 1.0 | 2 |
| 990 | Nongated Cardiac Computed Tomographic Angiograms for Detection of Embolic Sources in Acute Ischemic Stroke. <i>Stroke</i> , 2017, 48, 1256-1261. | 1.0 | 22 |
| 991 | Prospective study of a non-restrictive decision rule for acute aortic syndrome. <i>American Journal of Emergency Medicine</i> , 2017, 35, 1309-1313. | 0.7 | 7 |
| 992 | Validation of a tool predicting important findings on computed tomography among Crohn's disease patients. <i>United European Gastroenterology Journal</i> , 2017, 5, 270-275. | 1.6 | 7 |
| 993 | Glenohumeral position during CT arthrography with arthroscopic correlation: optimization of diagnostic yield. <i>Skeletal Radiology</i> , 2017, 46, 769-776. | 1.2 | 1 |
| 994 | Cone Beam Computed Tomographic imaging in orthodontics. <i>Australian Dental Journal</i> , 2017, 62, 33-50. | 0.6 | 51 |
| 995 | JOURNAL CLUB: Predictors of Provider Response to Clinical Decision Support: Lessons Learned From the Medicare Imaging Demonstration. <i>American Journal of Roentgenology</i> , 2017, 208, 351-357. | 1.0 | 27 |
| 996 | The role of imaging in the management of patients with nonmelanoma skin cancer. <i>Journal of the American Academy of Dermatology</i> , 2017, 76, 579-588. | 0.6 | 64 |
| 997 | Estimation of Observer Performance for Reduced Radiation Dose Levels in CT. <i>Academic Radiology</i> , 2017, 24, 876-890. | 1.3 | 38 |
| 998 | Outcome of peripheral T-cell lymphoma in first complete remission: a Danish-Swedish population-based study. <i>Leukemia and Lymphoma</i> , 2017, 58, 2815-2823. | 0.6 | 19 |
| 999 | Estimating cancer induction risk from abdominopelvic scanning with 6- and 16-slice computed tomography. <i>International Journal of Radiation Biology</i> , 2017, 93, 416-425. | 1.0 | 8 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1000 | Testicular ectopia: Why does it happen and what do we do?. Journal of Pediatric Surgery, 2017, 52, 1842-1847. | 0.8 | 22 |
| 1001 | Retrospective Analysis of the Safety and Cost Implications of Pediatric Contrast-Enhanced Ultrasound at a Single Center. American Journal of Roentgenology, 2017, 208, 446-452. | 1.0 | 90 |
| 1002 | Management of Traumatic Brain Injury in the Emergency Department: Guideline Adherence and Patient Safety. Quality Management in Health Care, 2017, 26, 190-195. | 0.4 | 12 |
| 1003 | Informed Use of Medical Radiation in Diagnostic Imaging. Medical Radiology, 2017, , 37-48. | 0.0 | 0 |
| 1004 | Laparoscopic partial nephrectomy following tumor embolization in a hybrid room. Feasibility and clinical outcomes. Surgical Oncology, 2017, 26, 377-381. | 0.8 | 15 |
| 1005 | Benefits of initial CT staging before sentinel lymph node biopsy in patients with head and neck cutaneous melanoma. Head and Neck, 2017, 39, 2301-2310. | 0.9 | 4 |
| 1006 | State of the evidence 2017: an update on the connection between breast cancer and the environment. Environmental Health, 2017, 16, 94. | 1.7 | 147 |
| 1007 | Randomized clinical trial of Appendicitis Inflammatory Response score-based management of patients with suspected appendicitis. British Journal of Surgery, 2017, 104, 1451-1461. | 0.1 | 60 |
| 1008 | Extensive screening for occult malignancy in unprovoked venous thromboembolism: A meta-analysis. Thrombosis Research, 2017, 157, 147-153. | 0.8 | 7 |
| 1009 | Appropriate Use of Effective Dose in Radiation Protection and Risk Assessment. Health Physics, 2017, 113, 102-109. | 0.3 | 69 |
| 1010 | Radiation dose associated with common computed tomography examination. Egyptian Journal of Radiology and Nuclear Medicine, 2017, 48, 701-705. | 0.3 | 3 |
| 1011 | Quality and Safety of Obstetric Practices Using New Modalities” Ultrasound, MR, and CT. Clinical Obstetrics and Gynecology, 2017, 60, 546-561. | 0.6 | 5 |
| 1012 | The validity and reproducibility of cross table radiographs compared with CT scans for the measurement of anteversion of the acetabular component after total hip arthroplasty. Bone and Joint Journal, 2017, 99-B, 1006-1011. | 1.9 | 12 |
| 1013 | Examination of Pediatric Radiation Dose Delivered After Cervical Spine Trauma. Pediatric Emergency Care, 2018, 34, 691-695. | 0.5 | 4 |
| 1014 | Point-of-Care Ultrasound Diagnosis of Multiple Mandibular Fractures in an Adolescent Presenting to the Pediatric Emergency Department. Pediatric Emergency Care, 2017, 33, 652-653. | 0.5 | 2 |
| 1015 | Low Yield of Clinically Significant Injury With Head-To-Pelvis Computed Tomography in Blunt Trauma Evaluation. Journal of Emergency Medicine, 2017, 53, 865-870. | 0.3 | 13 |
| 1016 | Depiction of Lower Limb Venous Anatomy in Patients undergoing Interventional Deep Venous Reconstruction - the Role of Balanced Steady State Free Precession MRI. British Journal of Radiology, 2018, 91, 20170005. | 1.0 | 5 |
| 1017 | Role of Computed Tomography in the Classification of Pediatric Pelvic Fractures” Revisited. Journal of Orthopaedic Trauma, 2017, 31, e200-e204. | 0.7 | 10 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1019 | 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 |
| 1020 | Coded aperture design for compressive X-ray tomosynthesis via coherence analysis. , 2017, , . | | 1 |
| 1021 | Fluoroscopic Guidance Increases the Incidence of Thoracic Epidural Catheter Placement Within the Epidural Space. <i>Regional Anesthesia and Pain Medicine</i> , 2017, 42, 17-24. | 1.1 | 35 |
| 1022 | Utilization of CT scanning associated with complex spine surgery. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 52. | 0.8 | 12 |
| 1023 | Patient-specific quantification of image quality: An automated technique for measuring the distribution of organ Hounsfield units in clinical chest CT images. <i>Medical Physics</i> , 2017, 44, 4736-4746. | 1.6 | 33 |
| 1024 | 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 |
| 1025 | Awareness of radiation protection and dose levels of imaging procedures among medical students, radiography students, and radiology residents at an academic hospital: Results of a comprehensive survey. <i>European Journal of Radiology</i> , 2017, 86, 135-142. | 1.2 | 64 |
| 1026 | Radiation exposure in patients with inflammatory bowel disease and irritable bowel syndrome in the years 2001-2011. <i>Scandinavian Journal of Gastroenterology</i> , 2017, 52, 300-305. | 0.6 | 11 |
| 1027 | Diagnostic performance of a biomarker panel as a negative predictor for acute appendicitis in adult ED patients with abdominal pain. <i>American Journal of Emergency Medicine</i> , 2017, 35, 418-424. | 0.7 | 7 |
| 1028 | Acute Type A Aortic Dissection in a 37-Week Pregnant Patient: An Unusual Clinical Presentation. <i>Journal of Emergency Medicine</i> , 2017, 52, 565-568. | 0.3 | 8 |
| 1029 | Evaluation of microscopic hematuria and risk of urologic cancer in female patients. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 216, 146.e1-146.e7. | 0.7 | 14 |
| 1030 | Estimation of radiation cancer risk in CT-KUB. <i>Radiation Physics and Chemistry</i> , 2017, 137, 130-134. | 1.4 | 13 |
| 1031 | Imaging in the evaluation and follow-up of early and advanced breast cancer: When, why, and how often?. <i>Breast</i> , 2017, 31, 318-324. | 0.9 | 27 |
| 1033 | Urologist Use of Cystoscopy for Patients Presenting With Hematuria in the United States. <i>Urology</i> , 2017, 100, 20-26. | 0.5 | 17 |
| 1034 | A comparison of adaptive iterative dose reduction 3D and filtered back projection in craniocervical CT angiography. <i>Clinical Radiology</i> , 2017, 72, 96.e1-96.e6. | 0.5 | 14 |
| 1035 | Severe aortic arch calcification predicts mortality in patients undergoing peritoneal dialysis. <i>Journal of the Formosan Medical Association</i> , 2017, 116, 366-372. | 0.8 | 11 |
| 1036 | Predictors of CT Radiation Dose and Their Effect on Patient Care: A Comprehensive Analysis Using Automated Data. <i>Radiology</i> , 2017, 282, 182-193. | 3.6 | 34 |
| 1037 | 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 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1038 | An Empiric Evaluation of the Effect of Variation in Intensity of Followup for Surgically Treated Renal Neoplasms on Cancer Specific Survival. <i>Journal of Urology</i> , 2017, 197, 37-43. | 0.2 | 5 |
| 1039 | Correlating abdominal pain and intra-abdominal injury in patients with blunt abdominal trauma. <i>Trauma Surgery and Acute Care Open</i> , 2017, 2, e000109. | 0.8 | 9 |
| 1040 | 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 |
| 1041 | Neuroimaging in Pregnant Women. <i>Seminars in Neurology</i> , 2017, 37, 712-723. | 0.5 | 25 |
| 1042 | Rigid motion artifact reduction in CT using frequency domain analysis. <i>Journal of X-Ray Science and Technology</i> , 2017, 25, 721-736. | 0.7 | 2 |
| 1043 | 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 |
| 1044 | THINK surgical TSolution-One [®] (Robodoc) total knee arthroplasty. <i>Sicot-j</i> , 2017, 3, 63. | 0.8 | 59 |
| 1045 | Using big-data analytics for CT radiation dose optimization. <i>Annals of Research Hospitals</i> , 0, 1, 49-49. | 0.0 | 2 |
| 1046 | Minimizing Medical Radiation Exposure by Incorporating a New Radiation "Vital Sign" into the Electronic Medical Record: Quality of Care and Patient Safety. , 2017, 21, 17-007. | | 18 |
| 1047 | A Systematic Review of the Usefulness of Glial Fibrillary Acidic Protein for Predicting Acute Intracranial Lesions following Head Trauma. <i>Frontiers in Neurology</i> , 2017, 8, 652. | 1.1 | 36 |
| 1048 | 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 |
| 1049 | Head CT for Minor Head Injury Presenting to the Emergency Department in the Era of Choosing Wisely. <i>Western Journal of Emergency Medicine</i> , 2017, 18, 821-829. | 0.6 | 23 |
| 1050 | Response: The Effect of 12 Weeks Aerobic, Resistance, and Combined Exercises on Omentin-1 Levels and Insulin Resistance among Type 2 Diabetic Middle-Aged Women (<i>Diabetes Metab J</i> 2017;41:205-12). <i>Diabetes and Metabolism Journal</i> , 2017, 41, 324. | 1.8 | 0 |
| 1051 | Radiological Findings in Persistent MÃllerian Duct Syndrome: Case Report and Review of Literature. <i>Journal of Radiology Case Reports</i> , 2017, 11, 7-14. | 0.2 | 15 |
| 1052 | The Diagnosis and Management of Patients with Renal Colic across a Sample of US Hospitals: High CT Utilization Despite Low Rates of Admission and Inpatient Urologic Intervention. <i>PLoS ONE</i> , 2017, 12, e0169160. | 1.1 | 56 |
| 1053 | A retrospective comparison of intraoperative CT and fluoroscopy evaluating radiation exposure in posterior spinal fusions for scoliosis. <i>Patient Safety in Surgery</i> , 2017, 11, 32. | 1.1 | 24 |
| 1054 | Radiation dose and cancer risk estimates in helical CT for pulmonary tuberculosis infections. <i>Open Physics</i> , 2017, 15, 769-776. | 0.8 | 4 |
| 1055 | Spinal clearance practices at a regional Australian hospital: A window to major trauma management performance outside metropolitan trauma centres. <i>Journal of Emergency Medicine, Trauma and Acute Care</i> , 2017, 2017, . | 0.1 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1056 | Radiation dose reduction: comparative assessment of publication volume between interventional and diagnostic radiology. <i>Diagnostic and Interventional Radiology</i> , 2017, 23, 223-226. | 0.7 | 2 |
| 1057 | Assessment of pulmonary microstructural changes by hyperpolarized ¹²⁹ Xe diffusion-weighted imaging in an elastase-instilled rat model of emphysema. <i>Journal of Thoracic Disease</i> , 2017, 9, 2572-2578. | 0.6 | 5 |
| 1058 | Investigation of the characteristics of Automatic Exposure Control (AEC) of a Computed Tomography (CT) scanner by utilising cylindrical and anthropomorphic phantoms. <i>Journal of Physics: Conference Series</i> , 2017, 851, 012011. | 0.3 | 1 |
| 1059 | Age-adjusted D-dimer cut-off leads to more efficient diagnosis of venous thromboembolism in the emergency department: a comparison of four assays. <i>Journal of Thrombosis and Haemostasis</i> , 2018, 16, 866-875. | 1.9 | 35 |
| 1060 | Use of the d-dimer for Detecting Pulmonary Embolism in the Emergency Department. <i>Journal of Emergency Medicine</i> , 2018, 54, 585-592. | 0.3 | 19 |
| 1061 | Metastatic Nongestational Choriocarcinoma to the Brain: Case Report and Proposed Treatment Recommendations. <i>World Neurosurgery</i> , 2018, 115, 170-175. | 0.7 | 7 |
| 1062 | Polymerization-induced self-assembly of large-scale iohexol nanoparticles as contrast agents for X-ray computed tomography imaging. <i>Polymer Chemistry</i> , 2018, 9, 2926-2935. | 1.9 | 22 |
| 1063 | Diagnosis of lumbar spinal fractures in emergency department: low-dose versus standard-dose CT using model-based iterative reconstruction. <i>Clinical Imaging</i> , 2018, 50, 216-222. | 0.8 | 11 |
| 1064 | Detection and characterization of focal liver lesions with ultra-low dose computed tomography in neoplastic patients. <i>Diagnostic and Interventional Imaging</i> , 2018, 99, 311-320. | 1.8 | 18 |
| 1065 | Imaging Gently. <i>Emergency Medicine Clinics of North America</i> , 2018, 36, 349-368. | 0.5 | 7 |
| 1066 | ESTIMATION OF RADIATION DOSES FROM ABDOMINAL COMPUTED TOMOGRAPHY SCANS. <i>Radiation Protection Dosimetry</i> , 2018, 182, 235-240. | 0.4 | 3 |
| 1067 | Radiation dose reduction in perfusion CT imaging of the brain using a 256-slice CT: 80 mAs versus 160 mAs. <i>Clinical Imaging</i> , 2018, 50, 188-193. | 0.8 | 10 |
| 1068 | Radiation Exposure during Ureterorenoscopy and Laser Lithotripsy: An Analysis of Stone Characteristics. <i>Urologia Internationalis</i> , 2018, 100, 198-202. | 0.6 | 4 |
| 1069 | Rapid Response: To Scan or Not to Scan? The Utility of Noncontrast CT Head for Altered Mental Status. <i>Journal of Patient Safety</i> , 2021, 17, e1125-e1129. | 0.7 | 5 |
| 1070 | Diagnostic reference levels for common computed tomography (CT) examinations: results from the first Nigerian nationwide dose survey. <i>Journal of Radiological Protection</i> , 2018, 38, 525-535. | 0.6 | 38 |
| 1071 | Salivary Gland Imaging. , 2018, , 15-26. | | 1 |
| 1072 | Assessment of image quality in abdominal CT: potential dose reduction with model-based iterative reconstruction. <i>European Radiology</i> , 2018, 28, 2464-2473. | 2.3 | 44 |
| 1073 | Assessment of impacted and partially impacted lower third molars with panoramic radiography compared to MRI—a proof of principle study. <i>Dentomaxillofacial Radiology</i> , 2018, 47, 20170371. | 1.3 | 10 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1074 | Using the American College of Radiology Dose Index Registry to Evaluate Practice Patterns and Radiation Dose Estimates of Pediatric Body CT. <i>American Journal of Roentgenology</i> , 2018, 210, 641-647. | 1.0 | 14 |
| 1075 | Comparing Dose-Length Product-Based and Monte Carlo Simulation Organ-Based Calculations of Effective Dose in 16- and 64-MDCT Examinations Using Automatic Tube Current Modulation. <i>American Journal of Roentgenology</i> , 2018, 210, 583-592. | 1.0 | 7 |
| 1076 | Digital Radiography in Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 226-235. | 1.4 | 29 |
| 1077 | Cost-Effectiveness of Single Versus Confirmatory Urinalysis in the Evaluation of Asymptomatic Microhematuria. <i>Urology Practice</i> , 2018, 5, 427-432. | 0.2 | 0 |
| 1078 | Accuracy of CT Attenuation Measurement for Differentiating Treated Osteoblastic Metastases From Enostoses. <i>American Journal of Roentgenology</i> , 2018, 210, 615-620. | 1.0 | 22 |
| 1079 | Comparing Head and Facial Computed Tomographic Imaging in Identifying Operative Facial Fractures. <i>Annals of Plastic Surgery</i> , 2018, 80, S219-S222. | 0.5 | 9 |
| 1080 | Environmental Determinants of Breast Cancer. <i>Annual Review of Public Health</i> , 2018, 39, 113-133. | 7.6 | 63 |
| 1081 | The diagnostic performance of reduced-dose CT for suspected appendicitis in paediatric and adult patients: A systematic review and diagnostic meta-analysis. <i>European Radiology</i> , 2018, 28, 2537-2548. | 2.3 | 21 |
| 1082 | ESTIMATION OF FEMALE RADIATION DOSES AND BREAST CANCER RISK FROM CHEST CT EXAMINATIONS. <i>Radiation Protection Dosimetry</i> , 2018, 179, 303-309. | 0.4 | 19 |
| 1083 | Cancer breath testing: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2018, 28, 227-239. | 2.4 | 14 |
| 1084 | Forensic age estimation using computed tomography of the medial clavicular epiphysis: a systematic review. <i>International Journal of Legal Medicine</i> , 2018, 132, 1415-1425. | 1.2 | 30 |
| 1085 | Review of Interventions and Radiation Exposure from Chest Computed Tomography in Children with Blunt Trauma. <i>Journal of Pediatrics</i> , 2018, 198, 220-225. | 0.9 | 2 |
| 1086 | 3-D Convolutional Encoder-Decoder Network for Low-Dose CT via Transfer Learning From a 2-D Trained Network. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 1522-1534. | 5.4 | 303 |
| 1087 | Retained bullets in the head on computed tomography – Get the most out of iterative metal artifact reduction. <i>European Journal of Radiology</i> , 2018, 103, 124-130. | 1.2 | 13 |
| 1088 | Estimation of lifetime attributable risks (LARs) of cancer associated with abdominopelvic radiotherapy treatment planning computed tomography (CT) simulations. <i>International Journal of Radiation Biology</i> , 2018, 94, 454-461. | 1.0 | 10 |
| 1089 | Clinical and Radiologic Comparison of Minimally Invasive Surgery With Traditional Open Transforaminal Lumbar Interbody Fusion. <i>Clinical Spine Surgery</i> , 2018, 31, E121-E126. | 0.7 | 34 |
| 1090 | 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 |
| 1091 | Anthropometric Prediction of Visceral Adipose Tissue in Persons With Motor Complete Spinal Cord Injury. <i>PM and R</i> , 2018, 10, 817. | 0.9 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1092 | Cone-beam computed tomography or conventional radiography for localising of maxillary impacted canines?. Evidence-Based Dentistry, 2018, 19, 22-23. | 0.3 | 8 |
| 1093 | Robotics and the Modern Total Knee Arthroplasty. Techniques in Orthopaedics, 2018, 33, 66-70. | 0.1 | 1 |
| 1094 | Implementation science theories to inform efforts for de-implementation of urologic oncology care practices resulting in overuse and misuse. Urologic Oncology: Seminars and Original Investigations, 2018, 36, 252-256. | 0.8 | 4 |
| 1095 | Dose Reduction and Dose Management in Computed Tomography â€“ State of the Art. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2018, 190, 531-541. | 0.7 | 13 |
| 1096 | Exposure and nephrotoxicity concern of bismuth with the occurrence of autophagy. Toxicology and Industrial Health, 2018, 34, 188-199. | 0.6 | 11 |
| 1097 | Contemporary best practice urolithiasis in pregnancy. Therapeutic Advances in Urology, 2018, 10, 127-138. | 0.9 | 29 |
| 1098 | Cumulative radiation exposure and estimated lifetime cancer risk in multiple-injury adult patients undergoing repeated or multiple CTs. European Journal of Trauma and Emergency Surgery, 2018, 44, 19-27. | 0.8 | 20 |
| 1099 | DIAGNOSTIC REFERENCE LEVELS IN CARDIAC COMPUTED TOMOGRAPHY ANGIOGRAPHY: A SYSTEMATIC REVIEW. Radiation Protection Dosimetry, 2018, 178, 63-72. | 0.4 | 14 |
| 1100 | Ultrasound for the Diagnosis and Management of Suspected Urolithiasis in the Emergency Department. Journal of Emergency Medicine, 2018, 54, 215-220. | 0.3 | 14 |
| 1101 | Intracranial Pathology (CT+) in Emergency Department Patients With High GCS and High Standard Assessment of Concussion (SAC) Scores. Journal of Head Trauma Rehabilitation, 2018, 33, E61-E66. | 1.0 | 0 |
| 1102 | Radiation dose and image quality of computed tomography of the supra-aortic arteries: A comparison between single-source and dual-source CT Scanners. Journal of Neuroradiology, 2018, 45, 136-141. | 0.6 | 11 |
| 1103 | Diagnostic Accuracy of the Aortic Dissection Detection Risk Score Plus D-Dimer for Acute Aortic Syndromes. Circulation, 2018, 137, 250-258. | 1.6 | 190 |
| 1104 | The impact of CT head scans on ED management and length of stay in bizarre behavior patients. American Journal of Emergency Medicine, 2018, 36, 213-217. | 0.7 | 9 |
| 1105 | SHOULD WE BE CONCERNED ABOUT THE DOSES OF IONIZING RADIATION RELATED TO DIAGNOSTIC AND FOLLOW-UP IMAGING IN PATIENTS WITH SOLITARY PULMONARY NODULES?. Radiation Protection Dosimetry, 2018, 178, 201-207. | 0.4 | 1 |
| 1106 | The Accuracy of the Computed Tomography Diagnosis of Acute Appendicitis: Does the Experience of the Radiologist Matter?. Scandinavian Journal of Surgery, 2018, 107, 43-47. | 1.3 | 11 |
| 1107 | Indications for CT-Angiography of the Vertebral Arteries After Trauma. Spine, 2018, 43, E520-E524. | 1.0 | 6 |
| 1108 | A Framework for Dynamic Image Sampling Based on Supervised Learning. IEEE Transactions on Computational Imaging, 2018, 4, 1-16. | 2.6 | 25 |
| 1109 | Ionizing radiation from computed tomography versus anesthesia for magnetic resonance imaging in infants and children: patient safety considerations. Pediatric Radiology, 2018, 48, 21-30. | 1.1 | 80 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1110 | 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 |
| 1111 | Management of Polytrauma Patients. , 2018, , 1-34. | | 2 |
| 1112 | 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 |
| 1113 | 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 |
| 1114 | Patient doses from medical examinations in Russia: 2009â€“2015. <i>Journal of Radiological Protection</i> , 2018, 38, 121-139. | 0.6 | 14 |
| 1115 | Diagnostic X-Ray Exposure and Thyroid Cancer Risk: Systematic Review and Meta-Analysis. <i>Thyroid</i> , 2018, 28, 220-228. | 2.4 | 60 |
| 1116 | Less is more: cost-effectiveness analysis of surveillance strategies for small, nonfunctional, radiographically benign adrenal incidentalomas. <i>Surgery</i> , 2018, 163, 197-204. | 1.0 | 10 |
| 1117 | Diagnostic accuracy of non-contrast abdominal CT scans performed as follow-up for patients with an established cancer diagnosis: a retrospective study. <i>Acta OncolÃ³gica</i> , 2018, 57, 426-430. | 0.8 | 5 |
| 1118 | Lâ€™optimisation avec rÃ©duction de lâ€™exposition du patient lors des procÃ©dures en scanographie TDM/TAPâ€‰: cas des patients cancÃ©reux au nord du Maroc. <i>Radioprotection</i> , 2018, 53, 115-122. | 0.5 | 1 |
| 1120 | American Society of Hematology 2018 guidelines for management of venous thromboembolism: venous thromboembolism in the context of pregnancy. <i>Blood Advances</i> , 2018, 2, 3317-3359. | 2.5 | 317 |
| 1121 | Image denoising in computed tomography using learned discriminative dictionaries. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 015015. | 0.6 | 0 |
| 1122 | Cranio-cervical computed tomography angiography with adaptive iterative dose reduction 3D algorithm and automatic tube current modulation in patients with different body mass indexes. <i>Medicine (United States)</i> , 2018, 97, e11841. | 0.4 | 2 |
| 1123 | <i>The Utility of Additional Imaging in Trauma Consults with Mild to Moderate Injury</i>. <i>American Surgeon</i> , 2018, 84, 1825-1831. | 0.4 | 2 |
| 1124 | Real-Time Patient-Specific CT Dose Estimation using a Deep Convolutional Neural Network. , 2018, , . | | 9 |
| 1125 | AutoFoci, an automated high-throughput foci detection approach for analyzing low-dose DNA double-strand break repair. <i>Scientific Reports</i> , 2018, 8, 17282. | 1.6 | 25 |
| 1126 | Utility and effectiveness of the Scandinavian guidelines to exclude computerized tomography scanning in mild traumatic brain injury - a prospective cohort study. <i>BMC Emergency Medicine</i> , 2018, 18, 44. | 0.7 | 20 |
| 1127 | Assessment of Residual Stone Fragments After Retrograde Intrarenal Surgery. <i>Journal of Endourology</i> , 2018, 32, 1108-1113. | 1.1 | 29 |
| 1128 | Optimising the antibiotic treatment of uncomplicated acute appendicitis: a protocol for a multicentre randomised clinical trial (APPAC II trial). <i>BMC Surgery</i> , 2018, 18, 117. | 0.6 | 30 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-------|-----------|
| 1129 | A Novel Total Variation Model for Low-Dose CT Image Denoising. IEEE Access, 2018, 6, 78892-78903. | 2.6 | 11 |
| 1130 | Impact of computed tomography (CT)-derived fractional flow reserve on reader confidence for interpretation of coronary CT angiography. European Journal of Radiology, 2018, 108, 242-248. | 1.2 | 4 |
| 1131 | The Value of Complete Ultrasonography Diagnosis in the Management of Selected Patients with Abdominal Trauma. Hellenike Cheirurgike Acta Chirurgica Hellenica, 2018, 90, 115-120. | 0.1 | 1 |
| 1132 | Clinical Decision Support Tools for Order Entry. Medical Radiology, 2018, , 21-34. | 0.0 | 1 |
| 1133 | Evaluation of an optical scintillating fiber detector for CT dosimetry. Radiation Measurements, 2018, 119, 125-131. | 0.7 | 4 |
| 1135 | Knowledge and practice of computed tomography exposure parameters amongst radiographers in Jordan. Computers in Biology and Medicine, 2018, 102, 132-137. | 3.9 | 19 |
| 1136 | 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 |
| 1137 | A blueprint for the primary prevention of cancer: Targeting established, modifiable risk factors. Ca-A Cancer Journal for Clinicians, 2018, 68, 446-470. | 157.7 | 42 |
| 1138 | Intraoperative 2D C-arm and 3D O-arm in children: A comparative phantom study. Journal of Children's Orthopaedics, 2018, 12, 550-557. | 0.4 | 13 |
| 1139 | Initial laparoscopy and optimized approach for unilateral nonpalpable testis: review of 8-year single-center experience. International Urology and Nephrology, 2018, 50, 2139-2144. | 0.6 | 6 |
| 1140 | Hand, wrist, knee, and foot/ankle dosimetry and image quality measurements of a novel extremity imaging unit providing CBCT and 2D imaging options. Medical Physics, 2018, 45, 4955-4963. | 1.6 | 13 |
| 1141 | Observer Performance with Varying Radiation Dose and Reconstruction Methods for Detection of Hepatic Metastases. Radiology, 2018, 289, 455-464. | 3.6 | 40 |
| 1142 | Oral Appliances and Athletic Performance. Textbooks in Contemporary Dentistry, 2018, , 195-211. | 0.2 | 0 |
| 1143 | Radiophobia: 7 Reasons Why Radiography Used in Spine and Posture Rehabilitation Should Not Be Feared or Avoided. Dose-Response, 2018, 16, 155932581878144. | 0.7 | 31 |
| 1144 | Infrared needle mapping to assist biopsy procedures and training. Healthcare Technology Letters, 2018, 5, 65-69. | 1.9 | 1 |
| 1145 | Use of Computerized Tomography in Abdominal Pain. American Surgeon, 2018, 84, 1091-1096. | 0.4 | 11 |
| 1146 | Point-of-care ultrasound to diagnose appendicitis in a Canadian emergency department. Canadian Journal of Emergency Medicine, 2018, 20, 732-735. | 0.5 | 11 |
| 1147 | Evaluating the effect of increased pitch, iterative reconstruction and dual source CT on dose reduction and image quality. British Journal of Radiology, 2018, 91, 20170443. | 1.0 | 12 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1148 | Knowledge and Awareness of CT Radiation Dose and Risk Among Patients. <i>Journal of Diagnostic Medical Sonography</i> , 2018, 34, 347-355. | 0.1 | 5 |
| 1149 | 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 |
| 1150 | Blunt Injuries to the Thorax and Abdomen in Adults: Evidence-Based Emergency Imaging. <i>Evidence-based Imaging</i> , 2018, , 247-260. | 0.0 | 0 |
| 1151 | 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 |
| 1152 | Low Yield of Paired Head and Cervical Spine Computed Tomography in Blunt Trauma Evaluation. <i>Journal of Emergency Medicine</i> , 2018, 54, 749-756. | 0.3 | 1 |
| 1153 | The Use of Blood-Based Biomarkers to Improve the Design of Clinical Trials of Traumatic Brain Injury. , 2018, , 139-166. | | 7 |
| 1154 | Selective contrast-enhanced computed tomography is appropriate in diffuse large B-cell lymphoma therapy response assessment. <i>European Journal of Haematology</i> , 2018, 101, 613-619. | 1.1 | 2 |
| 1155 | A framework for the decomposition and features extraction from lung DICOM images. , 2018, , . | | 10 |
| 1156 | State-of-the-Art Imaging for the Evaluation of Pulmonary Embolism. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2018, 20, 71. | 0.4 | 4 |
| 1157 | Risk of Radiation from Computerized Tomography Urography in the Evaluation of Asymptomatic Microscopic Hematuria. <i>Journal of Urology</i> , 2018, 200, 967-972. | 0.2 | 35 |
| 1158 | 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 |
| 1159 | 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 |
| 1160 | 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 |
| 1161 | Nuclear Medicine Procedures in Women: Unappreciated Risks to Reproductive Organs?. <i>Radiology</i> , 2018, 289, 25-27. | 3.6 | 3 |
| 1162 | Computed Tomography Risk Disclosure in the Emergency Department: A Survey of Pediatric Emergency Medicine Fellowship Program Leaders. <i>Western Journal of Emergency Medicine</i> , 2018, 19, 715-721. | 0.6 | 1 |
| 1163 | Choosing Wisely: Optimizing Routine Workup for the Newly Diagnosed Breast Cancer Patient. <i>Current Breast Cancer Reports</i> , 2018, 10, 62-73. | 0.5 | 2 |
| 1164 | Clinical Probability Tools for Deep Venous Thrombosis, Pulmonary Embolism, and Bleeding. <i>Clinics in Chest Medicine</i> , 2018, 39, 473-482. | 0.8 | 4 |
| 1165 | Regularization strategies in statistical image reconstruction of low-dose x-ray CT: A review. <i>Medical Physics</i> , 2018, 45, e886-e907. | 1.6 | 35 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1166 | Advances in Imaging Specific Mediators of Inflammatory Bowel Disease. International Journal of Molecular Sciences, 2018, 19, 2471. | 1.8 | 29 |
| 1167 | Navigation-Supported Stereotaxy by Applying Intraoperative Computed Tomography. World Neurosurgery, 2018, 118, e584-e592. | 0.7 | 6 |
| 1168 | Could Nonenhanced Computer Tomography Suffice as the Imaging Study of Choice for the Screening of Asymptomatic Microscopic Hematuria?. Urology, 2018, 120, 36-41. | 0.5 | 5 |
| 1169 | Review of techniques for ultrasonic determination of kidney stone size. Research and Reports in Urology, 2018, Volume 10, 57-61. | 0.6 | 10 |
| 1170 | Robotics in Total Hip Arthroplasty—A Current Review. The Journal of Hip Surgery, 2018, 02, 076-080. | 0.1 | 1 |
| 1171 | CT utilization abruptly increases at age 18 among patients with inflammatory bowel diseases in the hospital. PLoS ONE, 2018, 13, e0195022. | 1.1 | 8 |
| 1172 | Prevalence and outcomes of incidental imaging findings: umbrella review. BMJ: British Medical Journal, 2018, 361, k2387. | 2.4 | 197 |
| 1173 | Diagnostic chest ultrasound for acute respiratory failure. Respiratory Medicine, 2018, 141, 26-36. | 1.3 | 29 |
| 1174 | Low dose radiation, inflammation, cancer and chemoprevention. International Journal of Radiation Biology, 2019, 95, 506-515. | 1.0 | 16 |
| 1175 | CT Spectrometry with a Portable Compton Spectrometer with Stationary and Moving Tube. IFMBE Proceedings, 2019, , 519-523. | 0.2 | 2 |
| 1176 | Magnetic Resonance Angiography in Pulmonary Embolism: A Review. Current Problems in Diagnostic Radiology, 2019, 48, 586-591. | 0.6 | 0 |
| 1177 | Body Weight-Based Protocols During Whole Body FDG PET/CT Significantly Reduces Radiation Dose without Compromising Image Quality: Findings in a Large Cohort Study. Academic Radiology, 2019, 26, 658-663. | 1.3 | 6 |
| 1178 | The DAGMAR Score: D-dimer assay-guided moderation of adjusted risk. Improving specificity of the D-dimer for pulmonary embolism. American Journal of Emergency Medicine, 2019, 37, 895-901. | 0.7 | 1 |
| 1179 | Optimizing a Parameterized Plug-and-Play ADMM for Iterative Low-Dose CT Reconstruction. IEEE Transactions on Medical Imaging, 2019, 38, 371-382. | 5.4 | 101 |
| 1180 | Correlation of Measurements of the Prearthritic Hip Between Plain Radiography and Computed Tomography. PM and R, 2019, 11, 158-166. | 0.9 | 9 |
| 1182 | Low-Dose CT Image Denoising Model Based on Sparse Representation by Stationarily Classified Sub-Dictionaries. IEEE Access, 2019, 7, 116859-116874. | 2.6 | 9 |
| 1183 | A mast-cell-specific receptor mediates lopamidol induced immediate IgE-independent anaphylactoid reactions. International Immunopharmacology, 2019, 75, 105800. | 1.7 | 16 |
| 1184 | Daily adaptive proton therapy — the key to innovative planning approaches for paranasal cancer treatments. Acta Oncologica, 2019, 58, 1423-1428. | 0.8 | 32 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1185 | Cost-Effectiveness of Computed Tomography Angiography in Management of Tiny Unruptured Intracranial Aneurysms in the United States. <i>Stroke</i> , 2019, 50, 2396-2403. | 1.0 | 15 |
| 1186 | Comparison of the Harms, Advantages, and Costs Associated With Alternative Guidelines for the Evaluation of Hematuria. <i>JAMA Internal Medicine</i> , 2019, 179, 1352. | 2.6 | 34 |
| 1187 | Adapting the Canadian CT head rule age criteria for mild traumatic brain injury. <i>Emergency Medicine Journal</i> , 2019, 36, 617-619. | 0.4 | 11 |
| 1188 | Direct access CT for suspicion of brain tumour: an analysis of referral pathways in a population-based patient group. <i>BMC Family Practice</i> , 2019, 20, 118. | 2.9 | 10 |
| 1189 | Traumatic Brain Injury: Imaging Strategy. , 2019, , 355-399. | | 1 |
| 1190 | A modified two-compartment model for measurement of renal function using dynamic contrast-enhanced computed tomography. <i>PLoS ONE</i> , 2019, 14, e0219605. | 1.1 | 13 |
| 1191 | Medical doctors's awareness of radiation exposure in diagnostic radiology investigations in a South African academic institution. <i>South African Journal of Radiology</i> , 2019, 23, 1707. | 0.1 | 12 |
| 1192 | Total Knee Arthroplasty Technique: TSolution One (Robodoc). , 2019, , 195-201. | | 1 |
| 1193 | Feasibility of low dose chest CT for virtual bronchoscopy navigation in a porcine model. <i>Respiratory Research</i> , 2019, 20, 142. | 1.4 | 4 |
| 1194 | Evaluation of the Risks and Benefits of Computed Tomography Urography for Assessment of Gross Hematuria. <i>Urology</i> , 2019, 133, 40-45. | 0.5 | 7 |
| 1195 | Interpolation of Dance's coefficients for the estimation of average glandular dose in mammography. <i>Journal of Rural Medicine: JRM</i> , 2019, 14, 103-109. | 0.2 | 2 |
| 1196 | Cumulative Doses of Ionizing Radiation From Computed Tomography: A Population-Based Study. <i>Mayo Clinic Proceedings</i> , 2019, 94, 2011-2021. | 1.4 | 16 |
| 1197 | Clinical significance of posttraumatic intracranial hemorrhage in clinically mild brain injury: a retrospective cohort study. <i>CMAJ Open</i> , 2019, 7, E511-E515. | 1.1 | 4 |
| 1198 | Comparison of Intraoperative 3-Dimensional Fluoroscopy With Standard Computed Tomography for Stereotactic Frame Registration. <i>Operative Neurosurgery</i> , 2020, 18, 698-709. | 0.4 | 6 |
| 1199 | CHARACTERISATION AND EVALUATION OF AL2O3:C-BASED OPTICALLY STIMULATED LUMINESCENT DOSEMETER SYSTEM FOR DIAGNOSTIC X-RAYS: PERSONAL AND IN VIVO DOSIMETRY. <i>Radiation Protection Dosimetry</i> , 2019, 187, 451-460. | 0.4 | 6 |
| 1200 | Application of NICE or SNC guidelines may reduce the need for computerized tomographies in patients with mild traumatic brain injury: a retrospective chart review and theoretical application of five guidelines. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2019, 27, 99. | 1.1 | 17 |
| 1201 | Establishment of diagnostic reference levels in cardiac computed tomography. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 181-186. | 0.8 | 11 |
| 1202 | State of the Art in Abdominal CT: The Limits of Iterative Reconstruction Algorithms. <i>Radiology</i> , 2019, 293, 491-503. | 3.6 | 126 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1203 | Diagnostic reference levels for paediatric CT in Jordan. <i>Journal of Radiological Protection</i> , 2019, 39, 1060-1073. | 0.6 | 14 |
| 1204 | Low Dose Abdominal CT Image Reconstruction: An Unsupervised Learning Based Approach. , 2019, , . | | 36 |
| 1205 | <i>Neuroradiology.</i> , 2019, , 50-67. | | 0 |
| 1206 | 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 |
| 1207 | Compressive sensing in medical signal processing and imaging systems. , 2019, , 69-92. | | 16 |
| 1208 | Radiation dosimetry considerations for skeletal survey imaging of multiple myeloma. <i>Physica Medica</i> , 2019, 64, 109-113. | 0.4 | 4 |
| 1210 | Dual-Energy X-Ray Absorptiometry Compared to Computed Tomography for Visceral Adiposity Assessment Among Gastrointestinal and Pancreatic Cancer Survivors. <i>Scientific Reports</i> , 2019, 9, 11500. | 1.6 | 5 |
| 1211 | Pattern of Emergent Head Computed Tomography Findings in a Tertiary Care Hospital during off Working Hours: Retrospective Analysis. <i>Journal of Neurosciences in Rural Practice</i> , 2019, 10, 207-211. | 0.3 | 1 |
| 1212 | Preoperative Computed Tomography Changes Surgical Management for Clinically Low-Risk Well-Differentiated Thyroid Cancer. <i>Annals of Surgical Oncology</i> , 2019, 26, 4439-4444. | 0.7 | 12 |
| 1213 | Chest X-ray image denoising method based on deep convolution neural network. <i>IET Image Processing</i> , 2019, 13, 1970-1978. | 1.4 | 23 |
| 1214 | Assessment of radiation dose and iodine load reduction in head-neck CT angiography using two scan protocols with wide-detector. <i>Journal of X-Ray Science and Technology</i> , 2019, 27, 981-993. | 0.7 | 1 |
| 1215 | Analysis of Computed Tomography Radiation Doses Used for Lung Cancer Screening Scans. <i>JAMA Internal Medicine</i> , 2019, 179, 1650. | 2.6 | 19 |
| 1216 | A Review on a Deep Learning Perspective in Brain Cancer Classification. <i>Cancers</i> , 2019, 11, 111. | 1.7 | 253 |
| 1217 | Effect of initial emergency room imaging choice on time to hip reduction and repeat imaging. <i>Injury</i> , 2019, 50, 686-689. | 0.7 | 4 |
| 1218 | Global vascular guidelines on the management of chronic limb-threatening ischemia. <i>Journal of Vascular Surgery</i> , 2019, 69, 3S-125S.e40. | 0.6 | 841 |
| 1219 | Actual frequency of imaging during follow-up of testicular cancer in Israel—a comparison with the guidelines. <i>European Radiology</i> , 2019, 29, 3918-3926. | 2.3 | 5 |
| 1220 | Radiologic Modalities and Response Assessment Schemes for Clinical and Preclinical Oncology Imaging. <i>Frontiers in Oncology</i> , 2019, 9, 471. | 1.3 | 6 |
| 1221 | A lung image reconstruction from computed radiography images as a tool to tuberculosis treatment control. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2019, 25, e144918. | 0.8 | 3 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1222 | Global Vascular Guidelines on the Management of Chronic Limb-Threatening Ischemia. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 58, S1-S109.e33. | 0.8 | 741 |
| 1223 | Competitive performance of a modularized deep neural network compared to commercial algorithms for low-dose CT image reconstruction. <i>Nature Machine Intelligence</i> , 2019, 1, 269-276. | 8.3 | 256 |
| 1224 | Traumatic Brain Injury: Imaging Strategy. , 2019, , 1-45. | | 0 |
| 1225 | A proposed amendment to the current guidelines for mild traumatic brain injury: reducing computerized tomographies while maintaining safety. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 1451-1459. | 0.8 | 6 |
| 1226 | Novel Imaging Approaches in Systemic Sclerosis-Associated Interstitial Lung Disease. <i>Current Rheumatology Reports</i> , 2019, 21, 25. | 2.1 | 13 |
| 1227 | Utility of Screening Investigations for Systemic Sarcoidosis in Undifferentiated Uveitis. <i>American Journal of Ophthalmology</i> , 2019, 206, 149-153. | 1.7 | 13 |
| 1228 | Low-Dose Computed Tomography Reduces Radiation Exposure by 90% Compared With Traditional Computed Tomography Among Patients Undergoing Hip-Preservation Surgery. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 1385-1392. | 1.3 | 39 |
| 1229 | Low-Dose CT With the Adaptive Statistical Iterative Reconstruction V Technique in Abdominal Organ Injury: Comparison With Routine-Dose CT With Filtered Back Projection. <i>American Journal of Roentgenology</i> , 2019, 213, 659-666. | 1.0 | 26 |
| 1230 | Changes in the Selected Antioxidant Defense Parameters in the Blood of Patients after High Resolution Computed Tomography. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1476. | 1.2 | 6 |
| 1231 | DOSE BENCHMARKS FOR PAEDIATRIC HEAD COMPUTED TOMOGRAPHY EXAMINATION IN NIGERIA. <i>Radiation Protection Dosimetry</i> , 2019, 185, 464-471. | 0.4 | 3 |
| 1232 | Efficacy of model-based iterative reconstruction in cystic fibrosis assessment using CT. <i>Clinical Radiology</i> , 2019, 74, 569.e19-569.e27. | 0.5 | 4 |
| 1233 | 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 |
| 1234 | The Impact of Transient Ischemic Attack (TIA) on Brain and Behavior. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 44. | 1.0 | 5 |
| 1235 | Imaging Techniques in the Evaluation of the Neurogenic Lower Urinary Tract Dysfunction (NLUTD). , 2019, , 183-193. | | 0 |
| 1236 | Large hospital variation in the utilization of Post-procedural CT to detect pulmonary embolism/Deep Vein Thrombosis in Patients Undergoing Total Knee or Hip Replacement Surgery: Japanese Nationwide Diagnosis Procedure Combination Database Study. <i>British Journal of Radiology</i> , 2019, 92, 20180825. | 1.0 | 3 |
| 1237 | The utility of CT scan for the diagnostic evaluation of acute abdominal pain. <i>American Journal of Surgery</i> , 2019, 217, 959-966. | 0.9 | 4 |
| 1238 | What Is My Patient's Risk of Cancer from Radiation Exposure with Computed Tomography of the Abdomen and Pelvis? What Do I Tell My Patient?. , 2019, , 23-25. | | 0 |
| 1239 | Noninvasive monitoring of blood flow using a single magnetic microsphere. <i>Scientific Reports</i> , 2019, 9, 5014. | 1.6 | 8 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1240 | Lung nodules are reliably detectable on ultra-low-dose CT utilising model-based iterative reconstruction with radiation equivalent to plain radiography. <i>Clinical Radiology</i> , 2019, 74, 409.e17-409.e22. | 0.5 | 15 |
| 1241 | Construction of patient-specific computational models for organ dose estimation in radiological imaging. <i>Medical Physics</i> , 2019, 46, 2403-2411. | 1.6 | 9 |
| 1242 | Venous thromboembolism in young adults: Findings from the RIETE registry. <i>European Journal of Internal Medicine</i> , 2019, 63, 27-33. | 1.0 | 10 |
| 1243 | Performing an early systematic Doppler-ultrasound fails to prevent hemorrhagic complications after complex partial nephrectomy. <i>Therapeutic Advances in Urology</i> , 2019, 11, 175628721982896. | 0.9 | 4 |
| 1244 | Detection of Relapse by Tumor Markers Versus Imaging in Children and Adolescents With Nongerminomatous Malignant Germ Cell Tumors: A Report From the Children's Oncology Group. <i>Journal of Clinical Oncology</i> , 2019, 37, 396-402. | 0.8 | 11 |
| 1245 | Radiation Dose Considerations in Pediatric Oncologic Imaging. <i>Pediatric Oncology</i> , 2019, , 335-345. | 0.5 | 1 |
| 1246 | 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 |
| 1247 | Differences in Adverse Reactions Among Iodinated Contrast Media: Analysis of the KAERS Database. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 2205-2211. | 2.0 | 28 |
| 1248 | Use of bismuth shield for protection of superficial radiosensitive organs in patients undergoing computed tomography: a literature review and meta-analysis. <i>Radiological Physics and Technology</i> , 2019, 12, 6-25. | 1.0 | 25 |
| 1249 | The utility of 68Gallium-DOTATATE PET/CT in the detection of von Hippel-Lindau disease associated tumors. <i>European Journal of Radiology</i> , 2019, 112, 130-135. | 1.2 | 20 |
| 1250 | Segmentation of Cardiac Structures. <i>Series in Bioengineering</i> , 2019, , 123-140. | 0.3 | 0 |
| 1251 | Understanding, justifying, and optimizing radiation exposure for CT imaging in nephrourology. <i>Nature Reviews Urology</i> , 2019, 16, 231-244. | 1.9 | 28 |
| 1252 | Imaging and Analysis for the Orthodontic Patient. , 2019, , 71-83. | | 2 |
| 1253 | Congenital fistula of the fourth branchial arch: Report of case with long-lasting misdiagnosis. <i>Clinical Case Reports (discontinued)</i> , 2019, 7, 295-298. | 0.2 | 1 |
| 1254 | Radiological images and machine learning: Trends, perspectives, and prospects. <i>Computers in Biology and Medicine</i> , 2019, 108, 354-370. | 3.9 | 109 |
| 1255 | Biomarkers for the prediction of early pulmonary embolism related mortality in spontaneous and provoked thrombotic disease. <i>Clinica Chimica Acta</i> , 2019, 492, 78-83. | 0.5 | 6 |
| 1256 | Modern imaging techniques in urinary stone disease. <i>Current Opinion in Urology</i> , 2019, 29, 81-88. | 0.9 | 20 |
| 1257 | American Urological Association, American College of Emergency Physicians and American College of Radiology Quality Improvement Summit 2017: Challenges and Opportunities for Stewardship of Urological Imaging. <i>Urology Practice</i> , 2019, 6, 300-308. | 0.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1258 | Connaissances en matiÃre de radioprotection des manipulateurs de radiologie de Bangui et de Bimbo (Centrafrique). Radioprotection, 2019, 54, 41-45. | 0.5 | 7 |
| 1259 | Computed tomography for diagnosis of acute appendicitis in adults. The Cochrane Library, 2019, 2019, . | 1.5 | 48 |
| 1260 | Children With Minor Blunt Head Trauma Presenting to the Emergency Department. Pediatrics, 2019, 144, . | 1.0 | 19 |
| 1261 | Self-reported test ordering practices among Canadian internal medicine physicians and trainees: a multicenter cross-sectional survey. BMC Health Services Research, 2019, 19, 820. | 0.9 | 5 |
| 1262 | Triage of Mild Head-Injured Intoxicated Patients Could Be Aided by Use of an Electroencephalogram-Based Biomarker. Journal of Neuroscience Nursing, 2019, 51, 62-66. | 0.7 | 2 |
| 1263 | Clinical Implication of Dosimetry of Computed Tomography- and Fluoroscopy-Guided Intrathecal Therapy With Nusinersen in Adult Patients With Spinal Muscular Atrophy. Frontiers in Neurology, 2019, 10, 1166. | 1.1 | 29 |
| 1264 | Trends in computed tomography scan uses in Taiwan from 2000 to 2013. Journal of the Chinese Medical Association, 2019, 82, 948-956. | 0.6 | 5 |
| 1265 | Evaluation of Radiation Dose and Image Quality using High-Pitch 70-kV Chest CT in Immunosuppressed Patients. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2019, 191, 122-129. | 0.7 | 1 |
| 1266 | Trends in advanced imaging and hospitalization for emergency department syncope care before and after ACEP clinical policy. American Journal of Emergency Medicine, 2019, 37, 1037-1043. | 0.7 | 9 |
| 1267 | Can MRI contribute to pulmonary nodule analysis?. Journal of Magnetic Resonance Imaging, 2019, 49, e256-e264. | 1.9 | 7 |
| 1268 | Uses of Effective Dose: The Good, the Bad, and the Future. Health Physics, 2019, 116, 129-134. | 0.3 | 6 |
| 1269 | International variation in radiation dose for computed tomography examinations: prospective cohort study. BMJ: British Medical Journal, 2019, 364, k4931. | 2.4 | 98 |
| 1270 | The Value of Computed Tomography Imaging of the Head After Ventriculoperitoneal Shunt Surgery in Adults. World Neurosurgery, 2019, 121, e159-e164. | 0.7 | 6 |
| 1271 | Image-Guided Navigation and Robotics in Spine Surgery. Neurosurgery, 2019, 84, 1179-1189. | 0.6 | 145 |
| 1272 | Idiopathic Rotational Abnormalities of the Lower Extremities in Children and Adults. JBJS Reviews, 2019, 7, e3-e3. | 0.8 | 26 |
| 1273 | Toward automated and personalized organ dose determination in <sc>CT</sc> examinations â A comparison of two tissue characterization models for Monte Carlo organ dose calculation with a Therapy Planning System. Medical Physics, 2019, 46, 1012-1023. | 1.6 | 1 |
| 1274 | Blunt Thoracolumbar-Spine Trauma Evaluation in the Emergency Department: A Meta-Analysis of Diagnostic Accuracy for History, Physical Examination, and Imaging. Journal of Emergency Medicine, 2019, 56, 153-165. | 0.3 | 24 |
| 1275 | The effective and collective dose to patients undergoing abdominopelvic and trunk computed tomography examinations: A Belgian multicentre study. European Journal of Radiology, 2019, 111, 81-87. | 1.2 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1276 | Radiologic Issues and Radiation Safety During ERCP. , 2019, , 14-29.e1. | | 0 |
| 1277 | Evaluation of a near-zero fluoroscopic approach for catheter ablation in patients with congenital heart disease. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2019, 56, 259-269. | 0.6 | 8 |
| 1278 | Current Understanding and Gaps in Research of Carotid Webs in Ischemic Strokes. <i>JAMA Neurology</i> , 2019, 76, 355. | 4.5 | 92 |
| 1280 | A new clinical score for cranial CT in ED non-trauma patients: Definition and first validation. <i>American Journal of Emergency Medicine</i> , 2019, 37, 1279-1284. | 0.7 | 10 |
| 1281 | Testicular cancer guideline adherence and patterns of care in Germany: A nationwide survey. <i>European Journal of Cancer Care</i> , 2019, 28, e12917. | 0.7 | 9 |
| 1282 | CT cervico-cerebral angiography in acute stroke. Can we justify aortic arch imaging?. <i>Irish Journal of Medical Science</i> , 2019, 188, 661-666. | 0.8 | 2 |
| 1283 | Thrombophilia in Pregnancy. , 2019, , 665-694. | | 1 |
| 1284 | Diagnostic Yield and Outcomes of Computed Tomography of the Head in Critically Ill Nontrauma Patients. <i>Journal of Intensive Care Medicine</i> , 2019, 34, 955-966. | 1.3 | 4 |
| 1285 | Computed Tomography Use Plateaus Among Children With Emergency Visits for Abdominal Pain. <i>Pediatric Emergency Care</i> , 2019, 35, 194-198. | 0.5 | 6 |
| 1286 | Management of mild traumatic brain injury—trauma energy level and medical history as possible predictors for intracranial hemorrhage. <i>European Journal of Trauma and Emergency Surgery</i> , 2019, 45, 901-907. | 0.8 | 21 |
| 1287 | Low-dose CT of postoperative pelvic fractures: a comparison with radiography. <i>Acta Radiologica</i> , 2019, 60, 85-91. | 0.5 | 9 |
| 1288 | Achieving contrast-free ultra-low radiation exposure without compromising safety and acute efficacy through evolving AF cryoballoon ablation procedure techniques. <i>International Journal of Cardiology</i> , 2020, 299, 153-159. | 0.8 | 4 |
| 1289 | Predictors of Overtesting in Pulmonary Embolism Diagnosis. <i>Academic Radiology</i> , 2020, 27, 404-408. | 1.3 | 12 |
| 1290 | Computational dosimetry in a pediatric i-CAT procedure using virtual anthropomorphic phantoms. <i>Radiation Physics and Chemistry</i> , 2020, 167, 108236. | 1.4 | 0 |
| 1291 | The Accuracy of Low-dose Computed Tomography Protocol in Patients With Suspected Acute Appendicitis. <i>Annals of Surgery</i> , 2020, 271, 332-338. | 2.1 | 39 |
| 1292 | Evaluation of 3D printing filaments for construction of a pediatric phantom for dosimetry in CBCT. <i>Radiation Physics and Chemistry</i> , 2020, 167, 108227. | 1.4 | 6 |
| 1293 | Abdominal computed tomography (CT) scan in the evaluation of refractory puerperal fever: impact on management. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 577-582. | 0.7 | 3 |
| 1294 | Incidence and Radiological Findings of Incidental Sinus Opacifications in Patients Undergoing Septoplasty or Septorhinoplasty. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2020, 129, 122-127. | 0.6 | 9 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1295 | Prevalence of serious injuries in low risk trauma patients. American Journal of Emergency Medicine, 2020, 38, 1572-1575. | 0.7 | 1 |
| 1296 | Cumulative organ dose and effective dose in adult population underwent repeated or multiple head CT examination. Radiation Physics and Chemistry, 2020, 166, 108465. | 1.4 | 6 |
| 1297 | Clinical predictors of abnormal chest CT scan findings following blunt chest trauma: A cross-sectional study. Chinese Journal of Traumatology - English Edition, 2020, 23, 51-55. | 0.7 | 3 |
| 1298 | Absence of asymptomatic unruptured renal artery pseudoaneurysm on contrast-enhanced computed tomography after robot-assisted partial nephrectomy without parenchymal renorrhaphy. Asian Journal of Urology, 2020, 7, 24-28. | 0.5 | 9 |
| 1299 | Defining a national reference level for intraoperative radiation exposure in urological procedures: <scp>FLASH</scp>, a retrospective multicentre <scp>UK</scp> study. BJU International, 2020, 125, 292-298. | 1.3 | 9 |
| 1300 | An impact analysis of the NEXUS Chest CT clinical decision rule. American Journal of Emergency Medicine, 2020, 38, 906-910. | 0.7 | 4 |
| 1301 | CT scan exposure in children with ventriculo-peritoneal shunts:ÂSingle centre experience and review of the literature. Child's Nervous System, 2020, 36, 591-599. | 0.6 | 10 |
| 1302 | Evaluation of Nonfatal Strangulation inÂAlertÂAdults. Annals of Emergency Medicine, 2020, 75, 329-338. | 0.3 | 24 |
| 1303 | Flatâ€Detector CT to Quantify Response to Intraâ€Arterial Spasmolytic Therapy for Cerebral Vasospasm. Journal of Neuroimaging, 2020, 30, 227-232. | 1.0 | 1 |
| 1304 | A Technical Overview of the CyberKnife System. , 2020, , 15-38. | | 23 |
| 1305 | Surveillance in Patients With Diffuse Large B Cell Lymphoma. Mayo Clinic Proceedings, 2020, 95, 157-163. | 1.4 | 5 |
| 1306 | Intraoperative Use of O-arm in Pediatric Cervical Spine Surgery. Journal of Pediatric Orthopaedics, 2020, 40, e266-e271. | 0.6 | 7 |
| 1307 | Impact of Transcervical Ultrasound for the Diagnosis of Pediatric Peritonsillar Abscesses on Emergency Department Performance Measures. Journal of Ultrasound in Medicine, 2020, 39, 715-720. | 0.8 | 8 |
| 1308 | The Japanese Breast Cancer Society Clinical Practice Guidelines for Breast Cancer Screening and Diagnosis, 2018 Edition. Breast Cancer, 2020, 27, 17-24. | 1.3 | 18 |
| 1309 | Exposure to Tomographic Scans and Cancer Risks. JNCI Cancer Spectrum, 2020, 4, pkz072. | 1.4 | 61 |
| 1310 | European trends in radiology: investigating factors affecting the number of examinations and the effective dose. Radiologia Medica, 2020, 125, 296-305. | 4.7 | 30 |
| 1311 | Intraoperative radiation exposure in hip arthroscopy: a systematic review. HIP International, 2020, 30, 267-275. | 0.9 | 7 |
| 1312 | Stratification of Postsurgical Computed Tomography Surveillance Based on the Extragastric Recurrence of Early Gastric Cancer. Annals of Surgery, 2020, 272, 319-325. | 2.1 | 18 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1313 | Improved visualization of a fine intrahepatic biliary duct on drip infusion cholangiographyâ€œcomputed tomography: Impact of knowledgeâ€œbased iterative model reconstruction. <i>Hepatology Research</i> , 2020, 50, 629-634. | 1.8 | 0 |
| 1314 | Observer Performance for Detection of Pulmonary Nodules at Chest CT over a Large Range of Radiation Dose Levels. <i>Radiology</i> , 2020, 297, 699-707. | 3.6 | 15 |
| 1315 | 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 |
| 1316 | Naphthalimide Imidazolium-Based Supramolecular Hydrogels as Bioimaging and Theranostic Soft Materials. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 48442-48457. | 4.0 | 24 |
| 1317 | Role of circulating fibrocytes in the diagnosis of acute appendicitis. <i>BJS Open</i> , 2020, 4, 1256-1265. | 0.7 | 2 |
| 1318 | Quantification of Avoidable Radiation Exposure in Interventional Fluoroscopy With Eye Tracking Technology. <i>Investigative Radiology</i> , 2020, Publish Ahead of Print, 457-462. | 3.5 | 7 |
| 1319 | Advantages of otorhinolaryngologist performed transcervical ultrasonography in the management of peritonsillar abscess. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2020, 41, 102659. | 0.6 | 6 |
| 1320 | CT Angiography of the Heart and Aorta in TIA and Ischaemic Stroke: Cardioembolic Risk Sources and Clinical Implications. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105326. | 0.7 | 5 |
| 1321 | Dextran-Coated Cerium Oxide Nanoparticles: A Computed Tomography Contrast Agent for Imaging the Gastrointestinal Tract and Inflammatory Bowel Disease. <i>ACS Nano</i> , 2020, 14, 10187-10197. | 7.3 | 89 |
| 1322 | Understanding Nanoparticle Toxicity to Direct a Safe-by-Design Approach in Cancer Nanomedicine. <i>Nanomaterials</i> , 2020, 10, 2186. | 1.9 | 49 |
| 1323 | Acute appendicitis and the role of pre-operative imaging: A cohort study. <i>Annals of Medicine and Surgery</i> , 2020, 59, 258-263. | 0.5 | 7 |
| 1324 | Irradiation level related to intraoperative imaging device in paediatric elastic stable intramedullary nailing: preliminary prospective study on 51 patients using PCXMC software. <i>Journal of Children's Orthopaedics</i> , 2020, 14, 451-458. | 0.4 | 3 |
| 1325 | Low dose radiation therapy for COVID-19: Effective dose and estimation of cancer risk. <i>Radiotherapy and Oncology</i> , 2020, 153, 289-295. | 0.3 | 16 |
| 1326 | ⁸⁹ Zr-pro-MMP-9 F(abâ€²) ₂ detects colitis induced intestinal and kidney fibrosis. <i>Scientific Reports</i> , 2020, 10, 20372. | 1.6 | 6 |
| 1327 | Radiation protection in non-ionizing and ionizing body composition assessment procedures. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 1723-1738. | 1.1 | 4 |
| 1328 | Compton spectrometry applied to clinical CT axial beams from tubes stopped and in revolution. <i>Radiation Physics and Chemistry</i> , 2020, 171, 108734. | 1.4 | 4 |
| 1329 | Pancreatic necrosis volume â€œ A new imaging biomarker of acute pancreatitis severity. <i>European Journal of Radiology</i> , 2020, 130, 109193. | 1.2 | 7 |
| 1330 | Impact of ultra-low dose CT acquisition on semi-automated RECIST tool in the evaluation of malignant focal liver lesions. <i>Diagnostic and Interventional Imaging</i> , 2020, 101, 473-479. | 1.8 | 8 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1331 | Intracranial high-resolution vessel wall imaging in differentiating intraluminal basilar artery thrombus from arterial dissection. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2020, 22, 100841. | 0.2 | 0 |
| 1333 | Patientsâ€™ and Physiciansâ€™ Knowledge of Radiation Exposure Related to Spine Surgery. <i>Spine</i> , 2020, 45, E1507-E1515. | 1.0 | 7 |
| 1334 | Enhance Generative Adversarial Networks By Wavelet Transform To Denoise Low-Dose Ct Images. , 2020, , . | | 4 |
| 1335 | Utility and validity of dynamic chest radiography in cystic fibrosis (dynamic CF): an observational, non-controlled, non-randomised, single-centre, prospective study. <i>BMJ Open Respiratory Research</i> , 2020, 7, e000569. | 1.2 | 4 |
| 1336 | Repeat Head CT for Neurologically Stable Patients With Mild Traumatic Subarachnoid Hemorrhage During Interfacility Transfer and Follow-Up Does Not Alter Patient Care. <i>Canadian Association of Radiologists Journal</i> , 2021, 72, 541-547. | 1.1 | 2 |
| 1337 | Diagnostic performance of ultrasound to differentiate perforated from nonâ€™perforated paediatric appendicitis: A narrative review. <i>Sonography</i> , 2020, 7, 110-117. | 0.4 | 2 |
| 1338 | Association of Radiation Doses and Cancer Risks from CT Pulmonary Angiography Examinations in Relation to Body Diameter. <i>Diagnostics</i> , 2020, 10, 681. | 1.3 | 14 |
| 1339 | CT Abdominal Tomography Indications: Are We All Sticking to the Plan?. <i>Canadian Association of Radiologists Journal</i> , 2021, 72, 736-741. | 1.1 | 0 |
| 1340 | Contemporary Understandings of Cardiovascular Disease After Cancer Radiotherapy: a Focus on Ischemic Heart Disease. <i>Current Cardiology Reports</i> , 2020, 22, 151. | 1.3 | 5 |
| 1341 | Diagnostic Accuracy in Acute Venous Thromboembolism: Comparing D-Dimer, Thrombin Generation, Overall Hemostatic Potential, and Fibrin Monomers. <i>TH Open</i> , 2020, 04, e178-e188. | 0.7 | 2 |
| 1342 | TRIM study protocol - a prospective randomized multicenter Trial to assess the Role of Imaging during follow-up after radical surgery of stage IIB-C and III cutaneous malignant Melanoma. <i>BMC Cancer</i> , 2020, 20, 1197. | 1.1 | 7 |
| 1343 | Cone-Beam-CT Guided Adaptive Radiotherapy for Locally Advanced Non-small Cell Lung Cancer Enables Quality Assurance and Superior Sparing of Healthy Lung. <i>Frontiers in Oncology</i> , 2020, 10, 564857. | 1.3 | 19 |
| 1344 | Radiation Dose to the Fetus From Computed Tomography of Pregnant Patientsâ€™ Development and Validation of a Web-Based Tool. <i>Investigative Radiology</i> , 2020, 55, 762-768. | 3.5 | 10 |
| 1345 | Low-Dose CT Screening for Lung Cancer: Evidence from 2 Decades of Study. <i>Radiology Imaging Cancer</i> , 2020, 2, e190058. | 0.7 | 28 |
| 1346 | Adapting two American Decision Aids for Mild Traumatic Brain Injury to the Canadian Context Using the Nominal Group Technique. <i>Patient</i> , 2020, 13, 729-743. | 1.1 | 2 |
| 1347 | Non-Linear 3d Reconstruction For Compressive X-Ray Tomosynthesis. , 2020, , . | | 0 |
| 1348 | Peristaltic Contrast Media Injection Improved Image Quality and Decreased Radiation and Contrast Dose When Compared With Direct Drive Injection During Liver Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2020, 44, 209-216. | 0.5 | 0 |
| 1349 | How useful are clinical details in blunt trauma referrals for computed tomography of the abdomen?. <i>South African Journal of Radiology</i> , 2020, 24, 1837. | 0.1 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1350 | Health care personnel's perception of guideline implementation for musculoskeletal imaging: a process evaluation. <i>BMC Health Services Research</i> , 2020, 20, 397. | 0.9 | 6 |
| 1351 | Validation of the "Wisconsin Criteria" for Obtaining Dedicated Facial Imaging and Its Financial Impact at a Level 1 Trauma Center. <i>Craniomaxillofacial Trauma & Reconstruction</i> , 2020, 13, 4-8. | 0.6 | 3 |
| 1352 | Modulation of VEGF Expression and Oxidative Stress Response by Iodine Deficiency in Irradiated Cancerous and Non-Cancerous Breast Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3963. | 1.8 | 3 |
| 1354 | Radiotherapy for COVID-19. <i>Radiotherapy and Oncology</i> , 2020, 149, 236-237. | 0.3 | 6 |
| 1355 | Clinical Value of Noncontrast-Enhanced Radial Quiescent-Interval Slice-Selective (QISS) Magnetic Resonance Angiography for the Diagnosis of Acute Pulmonary Embolism Compared to Contrast-Enhanced Computed Tomography and Cartesian Balanced Steady-State Free Precession. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1510-1524. | 1.9 | 6 |
| 1356 | Establishment Diagnostic Reference Level for CT-Scan Procedure in Indonesia. <i>Journal of Physics: Conference Series</i> , 2020, 1505, 012037. | 0.3 | 1 |
| 1357 | Ventilation-perfusion SPECT versus CTPA in young adult females with suspected pulmonary embolism. <i>European Respiratory Journal</i> , 2020, 55, 2000448. | 3.1 | 5 |
| 1358 | Microvascular decompression: is routine postoperative CT imaging necessary?. <i>Acta Neurochirurgica</i> , 2020, 162, 1095-1099. | 0.9 | 5 |
| 1359 | ORGAN EQUIVALENT DOSE AND LIFETIME ATTRIBUTABLE RISK OF CANCER INCIDENCE AND MORTALITY ASSOCIATED WITH CARDIAC CT ANGIOGRAPHY. <i>Radiation Protection Dosimetry</i> , 2020, 189, 213-223. | 0.4 | 7 |
| 1360 | Coronavirus disease 2019 (COVID-19) pandemic and pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, 521-531. | 0.7 | 893 |
| 1361 | Using the T11 vertebra to minimise the CT-KUB scan field. <i>British Journal of Radiology</i> , 2020, 93, 20190771. | 1.0 | 3 |
| 1362 | Protocol analysis of dual-energy CT for optimization of kidney stone detection in virtual non-contrast reconstructions. <i>European Radiology</i> , 2020, 30, 4295-4305. | 2.3 | 17 |
| 1363 | Use of CT Scans for Abdominal Pain in the ED: Factors in Choice. <i>American Surgeon</i> , 2020, 86, 324-333. | 0.4 | 10 |
| 1364 | Organizational Factors and Quality Improvement Strategies Associated With Lower Radiation Dose From CT Examinations. <i>Journal of the American College of Radiology</i> , 2020, 17, 951-959. | 0.9 | 4 |
| 1365 | Patients with cutaneous head and neck melanoma, particularly elderly with more advanced primary tumors, seem to benefit from initial CT staging before considering a sentinel lymph node biopsy. <i>Acta Oto-Laryngologica</i> , 2020, 140, 787-794. | 0.3 | 0 |
| 1366 | Increased Postoperative Use of Computed Tomography Following Emergency Surgery for Ileocaecal Crohn Disease. <i>Surgical Laparoscopy, Endoscopy and Percutaneous Techniques</i> , 2020, 30, 214-217. | 0.4 | 1 |
| 1367 | Shared Decision Making in Patients With Suspected Uncomplicated Ureterolithiasis: A Decision Aid Development Study. <i>Academic Emergency Medicine</i> , 2020, 27, 554-565. | 0.8 | 9 |
| 1368 | Organ Doses, Effective Dose, and Cancer Risk From Coronary CT Angiography Examinations. <i>American Journal of Roentgenology</i> , 2020, 214, 1131-1136. | 1.0 | 11 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1369 | Balancing act between quantitative and qualitative image quality between nonionic iodinated dimer and monomer at various vessel sizes during computed tomography: a phantom study. <i>Biomedical Physics and Engineering Express</i> , 2020, 6, 035001. | 0.6 | 0 |
| 1370 | 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 |
| 1371 | 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 |
| 1372 | The Risk of Cancer from CT Scans and Other Sources of Low-Dose Radiation: A Critical Appraisal of Methodologic Quality. <i>Prehospital and Disaster Medicine</i> , 2020, 35, 3-16. | 0.7 | 42 |
| 1373 | Biomarker selection and imaging design in cancer: A link with biochemical pathways for imminent engineering. <i>Heliyon</i> , 2020, 6, e03340. | 1.4 | 5 |
| 1374 | Chronic irradiation of human cells reduces histone levels and deregulates gene expression. <i>Scientific Reports</i> , 2020, 10, 2200. | 1.6 | 18 |
| 1375 | Biodosimetry of Low Dose Ionizing Radiation Using DNA Repair Foci in Human Lymphocytes. <i>Genes</i> , 2020, 11, 58. | 1.0 | 28 |
| 1376 | Intraoral Scanner, Three-Dimensional Imaging, and Three-Dimensional Printing in the Dental Office. <i>Dental Clinics of North America</i> , 2020, 64, 365-378. | 0.8 | 17 |
| 1377 | Association of Low-Dose Whole-Body Computed Tomography With Missed Injury Diagnoses and Radiation Exposure in Patients With Blunt Multiple Trauma. <i>JAMA Surgery</i> , 2020, 155, 224. | 2.2 | 13 |
| 1378 | SACNN: Self-Attention Convolutional Neural Network for Low-Dose CT Denoising With Self-Supervised Perceptual Loss Network. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 2289-2301. | 5.4 | 170 |
| 1379 | 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 |
| 1380 | Individualization of computed tomography protocols for suspected pulmonary embolism: a national investigation of routines. <i>Journal of International Medical Research</i> , 2020, 48, 030006052091842. | 0.4 | 2 |
| 1381 | Bone-Selective MRI as a Nonradiative Alternative to CT for Craniofacial Imaging. <i>Academic Radiology</i> , 2020, 27, 1515-1522. | 1.3 | 8 |
| 1382 | Design and use of a phantom for testing and comparing the performance of computed tomography automatic tube current modulation systems. <i>Journal of Radiological Protection</i> , 2020, 40, 753-773. | 0.6 | 5 |
| 1383 | Barriers to CT Dose Optimization: The Challenge of Organizational Change. <i>Academic Radiology</i> , 2021, 28, 387-392. | 1.3 | 5 |
| 1384 | Diagnostic accuracy of combined WBC, ANC and CRP in adult emergency department patients suspected of acute appendicitis. <i>American Journal of Emergency Medicine</i> , 2021, 44, 401-406. | 0.7 | 2 |
| 1385 | Preliminary study: evaluating the reliability of CBCT images for tongue space measurements in the field of orthodontics. <i>Oral Radiology</i> , 2021, 37, 256-266. | 0.9 | 3 |
| 1386 | Evaluation of an evidence-based guideline to reduce CT use in the assessment of blunt pediatric abdominal trauma. <i>Journal of Pediatric Surgery</i> , 2021, 56, 297-301. | 0.8 | 8 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1387 | Factors Influencing Fluoroscopy Use During Ureteroscopy at a Residency Training Program. <i>Journal of Endourology</i> , 2021, 35, 25-29. | 1.1 | 4 |
| 1388 | Adaptive coded aperture design for compressive computed tomography. <i>Journal of Computational and Applied Mathematics</i> , 2021, 384, 113174. | 1.1 | 2 |
| 1389 | Exosomes and extracellular vesicles as liquid biopsy biomarkers in diffuse large B-cell lymphoma: Current state of the art and unmet clinical needs. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 284-294. | 1.1 | 12 |
| 1390 | Machine-learning-based multiple abnormality prediction with large-scale chest computed tomography volumes. <i>Medical Image Analysis</i> , 2021, 67, 101857. | 7.0 | 35 |
| 1391 | Safety, Biodistribution, and Radiation Dosimetry of ¹⁸ F-rhPSMA-7.3 in Healthy Adult Volunteers. <i>Journal of Nuclear Medicine</i> , 2021, 62, 679-684. | 2.8 | 20 |
| 1392 | Coronary computed tomography angiography versus invasive coronary angiography: medical staff perceptions and diagnostic interest in Gaza-Palestine. <i>Irish Journal of Medical Science</i> , 2021, 190, 567-575. | 0.8 | 3 |
| 1393 | Economic evaluation of GPs' direct access to computed tomography for identification of brain tumours. <i>European Journal of Cancer Care</i> , 2021, 30, e13345. | 0.7 | 0 |
| 1394 | Dose Fractionation During Puberty Is More Detrimental to Mammary Gland Development Than an Equivalent Acute Dose of Radiation Exposure. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 1521-1532. | 0.4 | 1 |
| 1395 | Advantages of otorhinolaryngologist performed transcervical ultrasonography in the management of peritonsillar abscess. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2021, 42, 102771. | 0.6 | 1 |
| 1396 | 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 |
| 1397 | DIALAPP: a prospective validation of a new diagnostic algorithm for acute appendicitis. <i>Langenbeck's Archives of Surgery</i> , 2021, 406, 141-152. | 0.8 | 1 |
| 1398 | The Haleem-Botchu classification: a novel CT-based classification for lumbar foraminal stenosis. <i>European Spine Journal</i> , 2021, 30, 865-869. | 1.0 | 15 |
| 1399 | Low-dose computed tomography reconstruction regularized by structural group sparsity joined with gradient prior. <i>Signal Processing</i> , 2021, 182, 107945. | 2.1 | 6 |
| 1400 | Estudo duplo-cego randomizado da correla o entre radiografia simples e resson ncia magn tica na avalia o do  ngulo cr tico do ombro: Reprodutibilidade e curva de aprendizado. <i>Revista Brasileira De Ortopedia</i> , 2021, 56, 078-082. | 0.2 | 1 |
| 1401 | Low-dose MDCT: evaluation of the impact of systematic tube current reduction and sparse sampling on the detection of degenerative spine diseases. <i>European Radiology</i> , 2021, 31, 2590-2600. | 2.3 | 6 |
| 1402 | Identification of pulmonary embolism: diagnostic accuracy of venous-phase dual-energy CT in comparison to pulmonary arteries CT angiography. <i>European Radiology</i> , 2021, 31, 1923-1931. | 2.3 | 9 |
| 1403 | Radiation exposure of computed tomography imaging for the assessment of acute stroke. <i>Neuroradiology</i> , 2021, 63, 511-518. | 1.1 | 18 |
| 1404 | Whole-body MRI versus an FDG-PET/CT-based reference standard for staging of paediatric Hodgkin lymphoma: a prospective multicentre study. <i>European Radiology</i> , 2021, 31, 1494-1504. | 2.3 | 17 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1405 | Computed tomography and artificial intelligence. , 2021, , 211-239. | | 3 |
| 1406 | Traumatic Brain Injury: Imaging Strategy. , 2021, , 1-45. | | 0 |
| 1407 | Determination of Diagnostic Reference Level (DRL) in Common Computed Tomography Examinations with the Modified Quality Control-Based Dose Survey Method in Four University Centers: A Comparison of Methods. Journal of Biomedical Physics and Engineering, 2021, 11, 447-458. | 0.5 | 1 |
| 1408 | Lung Cancer Screening. , 2021, , 161-177. | | 0 |
| 1409 | Correlation between venous blood gas indices and radiological involvements of COVID-19 patients at first admission to emergency department. Revista Da Associa o M dica Brasileira, 2021, 67, 51-56. | 0.3 | 2 |
| 1410 | Radiation dose from medical imaging in end stage renal disease patients: a Nationwide Italian Survey. Journal of Nephrology, 2021, 34, 791-799. | 0.9 | 3 |
| 1411 | Cancer risk of CT scan in COVID-19: Resolving the dilemma. Indian Journal of Medical Research, 2021, 153, 568. | 0.4 | 6 |
| 1412 | Triphasic Single Bolus and Biphasic Split Bolus Techniques in Computed Tomography Urography: A Pilot Study. SBV Journal of Basic Clinical and Applied Health Science, 2021, 4, 2-9. | 0.2 | 0 |
| 1413 | Current noninvasive modalities in Crohn s disease monitoring. Annals of Gastroenterology, 2021, 34, 770-780. | 0.4 | 1 |
| 1415 | Application of computed tomography dose index as dosimetric parameter in dental tomography. Rgo, 0, 69, . | 0.2 | 0 |
| 1416 | Minimizing Radiation Dose Outliers Through Systematic Analysis, Computed Tomography Technologist Education, and Standardized System Solutions. Journal of Computer Assisted Tomography, 2021, 45, 78-83. | 0.5 | 0 |
| 1417 | Imaging in alpha-1 antitrypsin deficiency: a window into the disease. Therapeutic Advances in Chronic Disease, 2021, 12_suppl, 204062232110245. | 1.1 | 6 |
| 1419 | Artifact and Detail Attention Generative Adversarial Networks for Low-Dose CT Denoising. IEEE Transactions on Medical Imaging, 2021, 40, 3901-3918. | 5.4 | 28 |
| 1420 | Comparison of Calcium Scoring Between 64-Multidetector Computed Tomography and 320-Multidetector Computed Tomography Using a Cardiac Phantom: Achieving Consistent Image Quality With Dose Optimization. Journal of Computer Assisted Tomography, 2021, 45, 73-77. | 0.5 | 1 |
| 1421 | OUP accepted manuscript. Radiation Protection Dosimetry, 2021, 196, 190-198. | 0.4 | 1 |
| 1422 | Ultrasensitive 3D Aerosol-Jet-Printed Perovskite X-ray Photodetector. ACS Nano, 2021, 15, 4077-4084. | 7.3 | 71 |
| 1423 | Droplet digital <scp>PCR</scp> of tumor suppressor gene methylation in serial oral rinses of patients with head and neck squamous cell carcinoma. Head and Neck, 2021, 43, 1812-1822. | 0.9 | 6 |
| 1424 | Pulmonary Embolism in Pregnancy. Seminars in Respiratory and Critical Care Medicine, 2021, 42, 284-298. | 0.8 | 6 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1425 | The utility of diffusion-weighted imaging and ADC values in the characterization of mumps orchitis and seminoma. <i>Acta Radiologica</i> , 2022, 63, 416-423. | 0.5 | 3 |
| 1427 | Effectiveness of Clinical Decision Tools in Predicting Pulmonary Embolism. <i>Pulmonary Medicine</i> , 2021, 2021, 1-5. | 0.5 | 3 |
| 1428 | Zinc Preconditioning Provides Cytoprotection following Iodinated Contrast Media Exposure in In Vitro Models. <i>Contrast Media and Molecular Imaging</i> , 2021, 2021, 1-6. | 0.4 | 1 |
| 1429 | ICRP Publication 147: Use of Dose Quantities in Radiological Protection. <i>Annals of the ICRP</i> , 2021, 50, 9-82. | 3.0 | 74 |
| 1430 | Isolated subarachnoid hemorrhage in mild traumatic brain injury: is a repeat CT scan necessary? A single-institution retrospective study. <i>Acta Neurochirurgica</i> , 2021, 163, 3209-3216. | 0.9 | 3 |
| 1431 | MONTE CARLO DOSE ASSESSMENT IN DENTAL CONE-BEAM COMPUTED TOMOGRAPHY. <i>Radiation Protection Dosimetry</i> , 2021, 193, 190-199. | 0.4 | 1 |
| 1432 | Rotational Angiography-Based Gamma Knife Radiosurgery for Brain Arteriovenous Malformations: Preliminary Therapeutic Outcomes of the Novel Method. <i>Neurosurgery</i> , 2021, 89, 60-69. | 0.6 | 7 |
| 1433 | 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 |
| 1434 | Diagnostic accuracy of ultra-low-dose chest computed tomography in an emergency department. <i>Acta Radiologica</i> , 2022, 63, 336-344. | 0.5 | 7 |
| 1435 | Repeat CT after blunt head trauma and Glasgow Coma Scale score 13-15 without neurological deterioration is very low yield for intervention. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, , 1. | 0.8 | 0 |
| 1436 | Analysis of clinical utility of abdominopelvic computed tomography in the follow-up of Stage I seminoma: a single center evaluation. <i>Minerva Urology and Nephrology</i> , 2021, 73, 84-89. | 1.3 | 0 |
| 1437 | 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 |
| 1438 | Expanding the Utilization of Low-Dose Computed Tomography in Plastic and Reconstructive Surgery Based on Validated Practices Among Surgical Specialties. <i>Annals of Plastic Surgery</i> , 2021, 87, e163-e170. | 0.5 | 1 |
| 1439 | 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 |
| 1440 | 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 |
| 1441 | Critical evaluation of deep neural networks for wrist fracture detection. <i>Scientific Reports</i> , 2021, 11, 6006. | 1.6 | 27 |
| 1442 | Effects of tube potential selection together with computed tomography automatic tube current modulation on CT imaging performance. <i>Journal of Radiological Protection</i> , 2021, 41, 809-831. | 0.6 | 3 |
| 1443 | Basic Physical Principles and Clinical Applications of Computed Tomography. <i>Progress in Medical Physics</i> , 2021, 32, 1-17. | 0.5 | 12 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1444 | Pelvic bone CT: can tin-filtered ultra-low-dose CT and virtual radiographs be used as alternative for standard CT and digital radiographs?. <i>European Radiology</i> , 2021, 31, 6793-6801. | 2.3 | 26 |
| 1445 | Optimization of the structured illumination series for compressive x-ray tomosynthesis. <i>Applied Optics</i> , 2021, 60, 2686. | 0.9 | 2 |
| 1446 | Evaluation of Cystic and Solid Renal Lesions with Contrast-Enhanced Ultrasound: A Retrospective Study. <i>Ultrasound International Open</i> , 2021, 07, E25-E34. | 0.3 | 5 |
| 1448 | The use of ionising radiation in orthopaedic surgery: principles, regulations and managing risk to surgeons and patients. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2021, 31, 947-955. | 0.6 | 5 |
| 1449 | Validation of a Locally Designed Computed Tomography Dose Phantom: A Comparison Study with a Standard Acrylic Phantom in South-South, Nigeria. <i>Journal of Global Radiology</i> , 2021, 7, . | 0.8 | 1 |
| 1450 | The current state of robotics in total knee arthroplasty. <i>EFORT Open Reviews</i> , 2021, 6, 270-279. | 1.8 | 32 |
| 1451 | Deep learning-based denoising algorithm in comparison to iterative reconstruction and filtered back projection: a 12-reader phantom study. <i>European Radiology</i> , 2021, 31, 8755-8764. | 2.3 | 7 |
| 1452 | Demographic Analysis of Pedicle Diameter, and Estimated Pedicle Screw Length of the Lumbar Spine in a Diverse Population. <i>International Journal of Spine Surgery</i> , 2021, 15, 259-265. | 0.7 | 4 |
| 1453 | Application of low-dose CT to the creation of 3D-printed kidney and perinephric tissue models for laparoscopic nephrectomy. <i>Cancer Medicine</i> , 2021, 10, 3077-3084. | 1.3 | 2 |
| 1454 | Cumulative radiation dose incurred during the management of complex pleural space infection. <i>BMC Pulmonary Medicine</i> , 2021, 21, 132. | 0.8 | 1 |
| 1455 | Recent Progress in the Diagnosis and Precise Nanocarrier-Mediated Therapy of Inflammatory Bowel Disease. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 1701-1716. | 1.6 | 11 |
| 1456 | Persistent DNA Double-Strand Breaks After Repeated Diagnostic CT Scans in Breast Epithelial Cells and Lymphocytes. <i>Frontiers in Oncology</i> , 2021, 11, 634389. | 1.3 | 2 |
| 1457 | Sparse angle CT reconstruction with weighted dictionary learning algorithm based on adaptive group-sparsity regularization. <i>Journal of X-Ray Science and Technology</i> , 2021, 29, 1-18. | 0.7 | 1 |
| 1458 | Computed tomography for diagnosis of acute appendicitis in adults. <i>Italian Journal of Emergency Medicine</i> , 2021, 10, . | 0.0 | 1 |
| 1459 | Floccinaucinihilipilification: is there a continuing role for the radiographic skeletal survey?. <i>Skeletal Radiology</i> , 2022, 51, 5-9. | 1.2 | 1 |
| 1460 | Intestinal Perforation by a Migrated Intrauterine Contraceptive Device: A Review of This Rare but Important Complication. <i>SN Comprehensive Clinical Medicine</i> , 2021, 3, 1759-1767. | 0.3 | 0 |
| 1461 | Association of the Intensity of Diagnostic Evaluation With Outcomes in Incidentally Detected Lung Nodules. <i>JAMA Internal Medicine</i> , 2021, 181, 480. | 2.6 | 20 |
| 1462 | Clinical Utility of Striational Antibodies in Paraneoplastic and Myasthenia Gravis Paraneoplastic Panels. <i>Neurology</i> , 2021, , 10.1212/WNL.0000000000012050. | 1.5 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1463 | The potential application of dual-energy subtraction radiography for COVID-19 pneumonia imaging. <i>British Journal of Radiology</i> , 2021, 94, 20201384. | 1.0 | 2 |
| 1464 | Factors Affecting Patient Radiation Exposure During Prone and Supine Percutaneous Nephrolithotomy. <i>Journal of Endourology</i> , 2021, 35, 1448-1453. | 1.1 | 7 |
| 1465 | PROBLEMAS ROTACIONALES DE LAS EXTREMIDADES INFERIORES EN NIÑOS Y ADOLESCENTES. <i>Revista Médica Clínica Las Condes</i> , 2021, 32, 286-294. | 0.2 | 0 |
| 1466 | Emerging applications of bacteria as antitumor agents. <i>Seminars in Cancer Biology</i> , 2022, 86, 1014-1025. | 4.3 | 37 |
| 1467 | Implementation of a computed tomography dose management program across a multinational healthcare organization. <i>European Radiology</i> , 2021, 31, 9188-9197. | 2.3 | 2 |
| 1468 | Whole-body MRI versus an [18F]FDG-PET/CT-based reference standard for early response assessment and restaging of paediatric Hodgkin's lymphoma: a prospective multicentre study. <i>European Radiology</i> , 2021, 31, 8925-8936. | 2.3 | 10 |
| 1469 | Evaluating our progress with trauma transfer imaging: repeat CT scans, incomplete imaging, and delayed definitive care. <i>Emergency Radiology</i> , 2021, 28, 939-948. | 1.0 | 1 |
| 1470 | NSQIP Based Predictors of False Negative and Indeterminate Ultrasounds in Adults With Appendicitis. <i>Journal of Surgical Research</i> , 2021, 261, 326-333. | 0.8 | 5 |
| 1471 | OR Practice "Data Analytics for Optimal Detection of Metastatic Prostate Cancer. <i>Operations Research</i> , 2021, 69, 774-794. | 1.2 | 5 |
| 1472 | Iterative reconstruction for low-dose cerebral perfusion computed tomography using prior image induced diffusion tensor. <i>Physics in Medicine and Biology</i> , 2021, 66, . | 1.6 | 8 |
| 1473 | Noninvasive transcranial classification of stroke using a portable eddy current damping sensor. <i>Scientific Reports</i> , 2021, 11, 10297. | 1.6 | 3 |
| 1474 | Use of ultra-low dose computed tomography versus abdominal plain film for assessment of stone-free rates after shock-wave lithotripsy: implications on emergency room visits, surgical procedures, and cost-effectiveness. <i>Urolithiasis</i> , 2021, 49, 591-598. | 1.2 | 1 |
| 1475 | Differences in Radiation Exposure of CT-Guided Percutaneous Manual and Powered Drill Bone Biopsy. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 1430-1438. | 0.9 | 2 |
| 1476 | Microwave scan and brain biomarkers to rule out intracranial hemorrhage: study protocol of a planned prospective study (MBI01). <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 1335-1342. | 0.8 | 3 |
| 1477 | Imaging Modalities for Evaluation of Intestinal Obstruction. <i>Clinics in Colon and Rectal Surgery</i> , 2021, 34, 205-218. | 0.5 | 12 |
| 1478 | Diagnostic accuracy of low-dose and ultra-low-dose CT in detection of chest pathology: a systematic review. <i>Clinical Imaging</i> , 2021, 74, 139-148. | 0.8 | 23 |
| 1479 | Cerebral CT Perfusion in Acute Stroke: The Effect of Lowering the Tube Load and Sampling Rate on the Reproducibility of Parametric Maps. <i>Diagnostics</i> , 2021, 11, 1121. | 1.3 | 7 |
| 1480 | Awareness of radiation hazards in patients attending radiology departments. <i>Radiation and Environmental Biophysics</i> , 2021, 60, 453-458. | 0.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1481 | X-Ray Image Enhancement Using Blind Denoising Neural Networks. , 2021, , . | | 0 |
| 1482 | Imaging the cellular components of the immune system for advancing diagnosis and immunotherapy of cancers. <i>Materials Today Advances</i> , 2021, 10, 100138. | 2.5 | 1 |
| 1483 | Analyse de la justification de l'irradiation médicale pédiatrique liée à la Tomodensitométrie (TDM) à Lomé (Togo). <i>Journal of Medical Imaging and Radiation Sciences</i> , 2021, 52, 277-285. | 0.2 | 1 |
| 1484 | Using Black Bone Magnetic Resonance Imaging for Fibula Free Flap Surgical Planning: A Means to Reduce Radiation Exposure with Accurate Surgical Outcomes. <i>Plastic and Reconstructive Surgery</i> , 2021, Publish Ahead of Print, 77e-82e. | 0.7 | 1 |
| 1485 | Radiation Risk Assessment in Patients for Chest CT Diagnostics of COVID-19. <i>Medical Radiology and Radiation Safety</i> , 2021, 66, 59-66. | 0.0 | 1 |
| 1486 | Use of a Commercially Available Clinical Decision Support Tool to Expedite Prior Authorization in Partnership With a Private Payer. <i>Journal of the American College of Radiology</i> , 2021, 18, 857-863. | 0.9 | 5 |
| 1487 | Radiation Reduction Strategies in Pediatric Orthopaedics. <i>Journal of Pediatric Orthopaedics</i> , 2021, 41, S75-S79. | 0.6 | 4 |
| 1488 | Health Insurance Ownership and Quality of Computed Tomography Requests: Experience from a Peripheral Referral Hospital in Cameroon. <i>Radiology Research and Practice</i> , 2021, 2021, 1-6. | 0.6 | 0 |
| 1489 | Low-dose MDCT: evaluation of the impact of systematic tube current reduction and sparse sampling on quantitative paraspinal muscle assessment. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 3042-3050. | 1.1 | 0 |
| 1490 | Influence of Different Arm Positions in the Localizer Radiograph(s) on Patient Dose during Exposure-Controlled CT Examinations of the Neck to Pelvis. <i>Tomography</i> , 2021, 7, 313-322. | 0.8 | 2 |
| 1491 | Light Technology for Efficient and Effective Photodynamic Therapy: A Critical Review. <i>Cancers</i> , 2021, 13, 3484. | 1.7 | 86 |
| 1492 | Recent advances in porphyrin-based MOFs for cancer therapy and diagnosis therapy. <i>Coordination Chemistry Reviews</i> , 2021, 439, 213945. | 9.5 | 82 |
| 1493 | Non-alcoholic fatty liver disease: a multisystem disease requiring a multidisciplinary and holistic approach. <i>The Lancet Gastroenterology and Hepatology</i> , 2021, 6, 578-588. | 3.7 | 206 |
| 1494 | Incidental findings during the diagnostic work-up in the head and neck cancer pathway: Effects on treatment delay and survival. <i>Oral Oncology</i> , 2021, 118, 105350. | 0.8 | 4 |
| 1495 | Bioreactor design and validation for manufacturing strategies in tissue engineering. <i>Bio-Design and Manufacturing</i> , 2022, 5, 43-63. | 3.9 | 21 |
| 1496 | Comparison of computed tomography angiography and physical exam in the evaluation of arterial injury in extremity trauma. <i>Injury</i> , 2021, 52, 1727-1731. | 0.7 | 1 |
| 1497 | Robotics in orthopaedic surgery: why, what and how?. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 2035-2042. | 1.3 | 21 |
| 1498 | Early surveillance of infants and preschool children with cystic fibrosis. <i>Current Opinion in Physiology</i> , 2021, 22, 100443. | 0.9 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1499 | Split-bolus computed tomography urography (CTU) achieves more than half of radiation dose reduction in females and overweight patients than conventional single-bolus computed tomography urography. <i>Translational Oncology</i> , 2021, 14, 101151. | 1.7 | 2 |
| 1500 | Wearable RF Near-Field Cough Monitoring by Frequency-Time Deep Learning. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2021, 15, 756-764. | 2.7 | 8 |
| 1501 | Low-Dose CT Image Denoising with Improving WGAN and Hybrid Loss Function. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-14. | 0.7 | 12 |
| 1502 | Radiation exposures in pregnancy, health effects and risks to the embryo/foetus—information to inform the medical management of the pregnant patient. <i>Journal of Radiological Protection</i> , 2021, 41, S522-S539. | 0.6 | 12 |
| 1503 | Why the aortic dissection detection risk score is problematic in emergency departments. <i>Exploration of Medicine</i> , 0, , 348-351. | 1.5 | 2 |
| 1504 | Radiological follow-up of the degenerated facet joints after lateral lumbar interbody fusion with percutaneous pedicle screw fixation: Focus on spontaneous facet joint fusion. <i>Journal of Orthopaedic Science</i> , 2021, , . | 0.5 | 3 |
| 1505 | CT KUB scans for renal colic: Optimisation of scan range to reduce patient radiation burden. <i>Radiography</i> , 2021, 27, 784-788. | 1.1 | 1 |
| 1506 | Dose reduction potential of vendor-agnostic deep learning model in comparison with deep learning-based image reconstruction algorithm on CT: a phantom study. <i>European Radiology</i> , 2022, 32, 1247-1255. | 2.3 | 15 |
| 1507 | Qualitative and Quantitative Diagnosis in Head and Neck Cancer. <i>Diagnostics</i> , 2021, 11, 1526. | 1.3 | 8 |
| 1508 | Prognosis in Thin Melanoma Patients: Is Slightly Less Than Excellent Still Okay?. <i>Annals of Surgical Oncology</i> , 2021, 28, 6911-6914. | 0.7 | 0 |
| 1509 | Contribution of lung ultrasound in diagnosis of community-acquired pneumonia in the emergency department: a prospective multicentre study. <i>BMJ Open</i> , 2021, 11, e046849. | 0.8 | 5 |
| 1510 | Estimation of Radiation Doses and Lifetime Attributable Risk of Radiation-induced Cancer from A Single Coronary Artery Bypass Graft Computed Tomography Angiography. <i>Electronic Journal of General Medicine</i> , 2021, 18, em317. | 0.3 | 4 |
| 1511 | Genotoxicity and cytotoxicity of cone beam computed tomography in children. <i>BMC Oral Health</i> , 2021, 21, 427. | 0.8 | 6 |
| 1512 | Radiation dose and cancer risks from radiation exposure during abdominopelvic computed tomography (CT) scans: comparison of diagnostic and radiotherapy treatment planning CT scans. <i>Radiation and Environmental Biophysics</i> , 2021, 60, 579-589. | 0.6 | 7 |
| 1513 | Utility of CT in the workup of adults with sore throat in the emergency department. <i>American Journal of Emergency Medicine</i> , 2021, 50, 739-743. | 0.7 | 1 |
| 1514 | InNetGAN: Inception Network-Based Generative Adversarial Network for Denoising Low-Dose Computed Tomography. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-20. | 1.1 | 5 |
| 1515 | American Society for Gastrointestinal Endoscopy radiation and fluoroscopy safety in GI endoscopy. <i>Gastrointestinal Endoscopy</i> , 2021, 94, 685-697.e4. | 0.5 | 8 |
| 1516 | 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 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1517 | Potential of dual-layer spectral CT for the differentiation between hemorrhage and iodinated contrast medium in the brain after endovascular treatment of ischemic stroke patients. <i>Clinical Imaging</i> , 2021, 79, 158-164. | 0.8 | 6 |
| 1518 | Screening performance of the chest X-ray in adult blunt trauma evaluation: Is it effective and what does it miss?. <i>American Journal of Emergency Medicine</i> , 2021, 49, 310-314. | 0.7 | 6 |
| 1519 | Evaluation of the influence of diet supplementation with conjugated linoleic acid isomers on elemental composition in the cardio-oncological nutritional programming ratâ€™ model. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 68, 126816. | 1.5 | 1 |
| 1520 | Advances in Data Preprocessing for Biomedical Data Fusion: An Overview of the Methods, Challenges, and Prospects. <i>Information Fusion</i> , 2021, 76, 376-421. | 11.7 | 106 |
| 1521 | The comparison of Size-Specific Dose Estimate (SSDE) in chest CT examination calculated based on volumetric CT Dose Index (CTDI _{vol}) reference phantom and Dose Length Product (DLP). <i>Journal of Physics: Conference Series</i> , 2021, 1763, 012065. | 0.3 | 1 |
| 1522 | Trends in Emergency Department Computed Tomography Usage for Diagnosis of Peritonsillar Abscess. <i>Ear, Nose and Throat Journal</i> , 2023, 102, NP35-NP39. | 0.4 | 1 |
| 1523 | Rare Complications of Acute Appendicitis: A Case Report. <i>Clinical Practice and Cases in Emergency Medicine</i> , 2021, 5, 66-69. | 0.1 | 0 |
| 1524 | Helical CT Reconstruction from Sparse-view Data through Exploiting the 3D Anatomical Structure Sparsity. <i>IEEE Access</i> , 2021, , 1-1. | 2.6 | 31 |
| 1525 | Wisconsin criteria and necessity for computed tomography in patients with maxillofacial trauma: A diagnostic value study. , 2021, 10, 92. | | 0 |
| 1526 | The effect of body mass index on high versus low administered activity protocol myocardial perfusion imaging scan time and effective dose using a cadmium zinc telluride camera in clinical practice. <i>World Journal of Nuclear Medicine</i> , 2021, 20, 247. | 0.3 | 2 |
| 1527 | Does dual-energy abdominal computed tomography increase the radiation dose to patients: a prospective observational study. <i>Polish Journal of Radiology</i> , 2021, 86, 208-216. | 0.5 | 3 |
| 1528 | Trends in Imaging for Suspected Pulmonary Embolism Across US Health Care Systems, 2004 to 2016. <i>JAMA Network Open</i> , 2020, 3, e2026930. | 2.8 | 24 |
| 1531 | What Is Quality Health Care for Cancer Survivors?. , 2011, , 27-49. | | 3 |
| 1532 | Clinical Evaluation. <i>Hematologic Malignancies</i> , 2015, , 95-106. | 0.2 | 1 |
| 1533 | TomoGC: Binary Tomography by Constrained GraphCuts. <i>Lecture Notes in Computer Science</i> , 2015, , 262-273. | 1.0 | 6 |
| 1534 | Pelvic artery aneurysm screening provides value in patients with thoracic aortic aneurysms. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1627-1635. | 0.7 | 4 |
| 1536 | Biologic Effects of Radiation on Children. , 2011, , 2448-2448.e8. | | 3 |
| 1537 | The Appendix. , 2012, , 1279-1293. | | 12 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1538 | Free-breathing Functional Pulmonary MRI. <i>Academic Radiology</i> , 2017, 24, 1268-1276. | 1.3 | 27 |
| 1540 | Projected future risk of leukemia and brain tumors from unnecessary brain CT scans: a multi-center study in Iran. <i>Radioprotection</i> , 2021, 56, 25-32. | 0.5 | 5 |
| 1541 | The utility of ultrasound for surgical spinal decompression. <i>Medical Ultrasonography</i> , 2015, 17, 211. | 0.4 | 9 |
| 1542 | Compensator models for fluence field modulated computed tomography. <i>Medical Physics</i> , 2013, 40, 121909. | 1.6 | 16 |
| 1543 | Magnetic resonance venography for 3-dimensional live guidance during venous sinus stenting. <i>CVIR Endovascular</i> , 2020, 3, 66. | 0.4 | 4 |
| 1544 | Imaging Dose in Radiation Therapy. , 2017, , 553-580. | | 1 |
| 1545 | Comparison Between Prospectively Electrocardiogram-Gated High-Pitch Mode and Retrospectively Electrocardiogram-Gated Mode for Dual-Source CT Coronary Angiography. <i>Polski Przegląd Radiologii I Medycyny Nuklearnej</i> , 2015, 80, 561-568. | 1.0 | 4 |
| 1546 | Back to the Bedside: Developing a Bedside Aid for Concussion and Brain Injury Decisions in the Emergency Department. <i>EGEMS (Washington, DC)</i> , 2017, 3, 6. | 2.0 | 20 |
| 1547 | Fast optimization of coded apertures in X-ray computed tomography. <i>Optics Express</i> , 2018, 26, 24461. | 1.7 | 14 |
| 1548 | Source and coded aperture joint optimization for compressive X-ray tomosynthesis. <i>Optics Express</i> , 2019, 27, 6640. | 1.7 | 11 |
| 1549 | Derivation and Validation of Two Decision Instruments for Selective Chest CT in Blunt Trauma: A Multicenter Prospective Observational Study (NEXUS Chest CT). <i>PLoS Medicine</i> , 2015, 12, e1001883. | 3.9 | 50 |
| 1550 | Diagnosis of Partial Body Radiation Exposure in Mice Using Peripheral Blood Gene Expression Profiles. <i>PLoS ONE</i> , 2010, 5, e11535. | 1.1 | 51 |
| 1551 | CT Angiography of the Head-and-Neck Vessels Acquired with Low Tube Voltage, Low Iodine, and Iterative Image Reconstruction: Clinical Evaluation of Radiation Dose and Image Quality. <i>PLoS ONE</i> , 2013, 8, e81486. | 1.1 | 57 |
| 1552 | 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 |
| 1553 | The Impact of Iterative Reconstruction on Computed Tomography Radiation Dosimetry: Evaluation in a Routine Clinical Setting. <i>PLoS ONE</i> , 2015, 10, e0138329. | 1.1 | 6 |
| 1554 | Comparison of 2.5D and 3D Quantification of Femoral Head Coverage in Normal Control Subjects and Patients with Hip Dysplasia. <i>PLoS ONE</i> , 2015, 10, e0143498. | 1.1 | 17 |
| 1555 | Characterization of Scattered X-Ray Photons in Dental Cone-Beam Computed Tomography. <i>PLoS ONE</i> , 2016, 11, e0149904. | 1.1 | 7 |
| 1556 | CT Pulmonary Angiography at Reduced Radiation Exposure and Contrast Material Volume Using Iterative Model Reconstruction and iDose4 Technique in Comparison to FBP. <i>PLoS ONE</i> , 2016, 11, e0162429. | 1.1 | 16 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1557 | 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 |
| 1558 | Delta neutrophil index as a promising prognostic marker of emergent surgical intervention for acute diverticulitis in the emergency department. PLoS ONE, 2017, 12, e0187629. | 1.1 | 23 |
| 1559 | Randomized Controlled Trial of Posterior Lumbar Interbody Fusion With Ti- and CaP-Nanocoated Polyetheretherketone Cages: Comparative Study of the 1-Year Radiological and Clinical Outcome. International Journal of Spine Surgery, 2020, 13, 575-587. | 0.7 | 9 |
| 1560 | Surveillance and Monitoring in Breast Cancer Survivors: Maximizing Benefit and Minimizing Harm. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2013, , e13-e18. | 1.8 | 6 |
| 1561 | Objects made of copal resin: a radiological analysis. Boletin De La Sociedad Geologica Mexicana, 2012, 64, 207-213. | 0.1 | 4 |
| 1562 | Therapeutic and space radiation exposure of mouse brain causes impaired DNA repair response and premature senescence by chronic oxidant production. Aging, 2013, 5, 607-622. | 1.4 | 67 |
| 1563 | The Vulnerable Plaque: the Real Villain in Acute Coronary Syndromes. Open Cardiovascular Medicine Journal, 2011, 5, 123-129. | 0.6 | 18 |
| 1564 | Effective Dose of CT-Guided Epidural and Periradicular Injections of the Lumbar Spine: A Retrospective Study. The Open Orthopaedics Journal, 2012, 6, 357-361. | 0.1 | 12 |
| 1565 | Cancer Death Risk Related to Radiation Exposure from Computed Tomography Scanning Among Testicular Cancer Patients. Anticancer Research, 2017, 37, 831-834. | 0.5 | 14 |
| 1566 | Standard Anatomic Terminologies: Comparison for Use in a Health Information Exchange-Based Prior Computed Tomography (CT) Alerting System. JMIR Medical Informatics, 2017, 5, e49. | 1.3 | 3 |
| 1567 | Radiation Exposure in Patients with Inflammatory Bowel Disease: a Fourteen-Year Review at a Tertiary Care Centre in Malaysia. Asian Pacific Journal of Cancer Prevention, 2017, 18, 933-939. | 0.5 | 3 |
| 1568 | Factors Affecting Radiation Dose in Computed Tomography Angiograms for Pulmonary Embolism: A Retrospective Cohort Study. Journal of Clinical Imaging Science, 2020, 10, 74. | 0.4 | 7 |
| 1569 | Clinical indicators for traumatic intracranial findings in mild traumatic brain injury patients. , 2019, 10, 64. | | 4 |
| 1570 | Computer Navigation in Orthopedic Trauma: Safer Surgeries With Less Irradiation and More Precision. Journal of Surgical Orthopaedic Advances, 2012, 21, 187-197. | 0.1 | 14 |
| 1571 | Sonography in Acute Ureteric Colic: An Experience in Dhulikhel Hospital. Kathmandu University Medical Journal, 2015, 12, 9-15. | 0.1 | 3 |
| 1572 | Demographic Analysis of Lumbar Pedicle Diameters in a Diverse Population. Asian Spine Journal, 2019, 13, 410-416. | 0.8 | 12 |
| 1573 | Integration of rotational angiography enables better dose planning in Gamma Knife radiosurgery for brain arteriovenous malformations. Journal of Neurosurgery, 2018, 129, 17-25. | 0.9 | 11 |
| 1574 | External retrospective validation of Brain Injury Guidelines criteria and modified guidelines for improved care value in the management of patients with low-risk neurotrauma. Journal of Neurosurgery, 2019, , 1-6. | 0.9 | 10 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1575 | Reliable navigation registration in cranial and spine surgery based on intraoperative computed tomography. <i>Neurosurgical Focus</i> , 2019, 47, E11. | 1.0 | 38 |
| 1576 | Non-invasive diagnostic and prognostic evaluation of liver cirrhosis and portal hypertension. <i>Disease Markers</i> , 2011, 31, 129-38. | 0.6 | 36 |
| 1577 | EOS 2D/3D X-ray imaging system: a systematic review and economic evaluation. <i>Health Technology Assessment</i> , 2012, 16, 1-188. | 1.3 | 98 |
| 1578 | Cumulative Radiation Exposures during Diagnosis and Treatments with Diagnostic Radiology Tools: In Patient with Hepatocellular Carcinoma. <i>Journal of the Korean Society of Radiology</i> , 2013, 69, 243. | 0.1 | 4 |
| 1579 | Low-Dose Abdominal CT Using a Deep Learning-Based Denoising Algorithm: A Comparison with CT Reconstructed with Filtered Back Projection or Iterative Reconstruction Algorithm. <i>Korean Journal of Radiology</i> , 2020, 21, 356. | 1.5 | 55 |
| 1580 | Guidelines Warfare Over Interventional Techniques: Is There a Lack of Discourse or Straw Man?. <i>Pain Physician</i> , 2012, 1;15, E1-E26. | 0.3 | 185 |
| 1581 | Complications of Fluoroscopically Directed Facet Joint Nerve Blocks: A Prospective Evaluation of 7,500 Episodes with 43,000 Nerve Blocks. <i>Pain Physician</i> , 2012, 2;15, E143-E150. | 0.3 | 76 |
| 1582 | 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 |
| 1583 | Infective endocarditis: Beyond the usual tests. <i>Cleveland Clinic Journal of Medicine</i> , 2019, 86, 559-567. | 0.6 | 20 |
| 1584 | Screening for lung cancer using low-dose computed tomography: concerns about the application in low-risk individuals. <i>Translational Lung Cancer Research</i> , 2015, 4, 275-86. | 1.3 | 17 |
| 1586 | Electrical Impedance Tomography (EIT). <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2014, , 235-273. | 0.4 | 13 |
| 1587 | Electrical Impedance Tomography (EIT). , 2017, , 71-114. | | 3 |
| 1588 | As low as reasonably achievable: Methods for reducing radiation exposure during the management of renal and ureteral stones. <i>Indian Journal of Urology</i> , 2014, 30, 55. | 0.2 | 17 |
| 1589 | Comparison of computed tomography dose index in polymethyl methacrylate and nylon dosimetry phantoms. <i>Journal of Medical Physics</i> , 2016, 41, 45. | 0.1 | 6 |
| 1590 | MRI analysis and clinical significance of lower extremity muscle cross-sectional area after spinal cord injury. <i>Neural Regeneration Research</i> , 2017, 12, 714. | 1.6 | 11 |
| 1591 | Quantification of intermuscular and intramuscular adipose tissue using magnetic resonance imaging after neurodegenerative disorders. <i>Neural Regeneration Research</i> , 2017, 12, 2100. | 1.6 | 38 |
| 1592 | Low-dose radiation therapy for coronavirus disease-2019 pneumonia: Is it time to look beyond apprehensions?. <i>Annals of Thoracic Medicine</i> , 2020, 15, 199. | 0.7 | 5 |
| 1593 | Beliefs and Intentions to Undergo Lung Cancer Screening among Korean Males. <i>Cancer Research and Treatment</i> , 2018, 50, 1096-1105. | 1.3 | 15 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1594 | Body Pushers: Low-Dose CT, Always the Best Choice? A Study of the Diagnostic Performance of CT Scout View. <i>Open Journal of Radiology</i> , 2017, 07, 112-120. | 0.1 | 3 |
| 1595 | Fluoroscopy: An essential diagnostic modality in the age of high-resolution cross-sectional imaging. <i>World Journal of Radiology</i> , 2020, 12, 213-230. | 0.5 | 18 |
| 1596 | Computed tomography dose optimisation in cystic fibrosis: A review. <i>World Journal of Radiology</i> , 2016, 8, 331. | 0.5 | 19 |
| 1597 | Trends in CT Request and Related Outcomes in a Pediatric Emergency Department. <i>Oman Medical Journal</i> , 2016, 31, 365-369. | 0.3 | 6 |
| 1598 | Lung cancer screening: history, current perspectives, and future directions. <i>Archives of Medical Science</i> , 2015, 11, 1033-43. | 0.4 | 42 |
| 1599 | The role of imaging in head and neck cancer: An overview of different imaging modalities in primary diagnosis and staging of the disease. <i>Journal of Contemporary Brachytherapy</i> , 2020, 12, 512-518. | 0.4 | 19 |
| 1600 | Assessment and comparison of radiation dose and image quality in multi-detector CT scanners in non-contrast head and neck examinations. <i>Polish Journal of Radiology</i> , 2019, 84, 61-67. | 0.5 | 22 |
| 1601 | Feasibility of Detecting Pulmonary Embolism Using Noncontrast MRI. <i>ISRN Radiology</i> , 2013, 2013, 1-5. | 1.2 | 11 |
| 1602 | Acute management of symptomatic nephrolithiasis. <i>World Journal of Clinical Urology</i> , 2014, 3, 161. | 0.0 | 1 |
| 1603 | Iterative reconstruction of pulmonary MDCT angiography: Effects on image quality, effective dose and estimated organ dose to the breast. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2014, 158, 259-264. | 0.2 | 5 |
| 1604 | Reduction of effective dose and organ dose to the eye lens in head MDCT using iterative image reconstruction and automatic tube current modulation. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2014, 158, 265-272. | 0.2 | 6 |
| 1605 | Diagnostic Performance on Low Dose Computed Tomography For Acute Appendicitis Among Attending and Resident Radiologists. <i>Iranian Journal of Radiology</i> , 2016, 13, e33222. | 0.1 | 5 |
| 1606 | Review of renal artery embolization for treatment of renal angiomyolipoma. <i>Clinical Nephrology and Urology Science</i> , 2016, 3, 1. | 0.0 | 2 |
| 1607 | A New D-dimer Cutoff Value to Improve the Exclusion of Deep Vein Thrombosis in Cancer Patients. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 1655-1658. | 0.5 | 12 |
| 1608 | Patient understanding of radiation risk from medical computed tomographyâ€”A comparison of Hispanic vs. non-Hispanic emergency department populations. <i>PeerJ</i> , 2015, 3, e937. | 0.9 | 8 |
| 1609 | Patient Perceptions and Knowledge of Ionizing Radiation From Medical Imaging. <i>JAMA Network Open</i> , 2021, 4, e2128561. | 2.8 | 22 |
| 1610 | 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 |
| 1611 | Radiation Doses and Risk Assessment during Computed Tomography of the Chest in COVID-19 Patients. , 0, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1612 | Clinical Predictors of Abnormal Head Computed Tomography Findings in Non-trauma Patients Presenting to a South African Emergency Department. <i>Frontiers in Radiology</i> , 2021, 1, . | 1.2 | 0 |
| 1613 | Comparison of 3D mandibular surfaces generated by MRI and CT. <i>Orthodontics and Craniofacial Research</i> , 2021, , . | 1.2 | 2 |
| 1615 | Clinical Aspects of Lung Cancer. , 2010, , 1116-1144. | | 1 |
| 1617 | Screening for CRC Using CT Colonography. , 2011, , 95-121. | | 0 |
| 1619 | Indications du scanner des artères coronaires. , 2011, , 89-97. | | 0 |
| 1620 | Integration of Sequence Learning and CBR for Complex Equipment Failure Prediction. <i>Lecture Notes in Computer Science</i> , 2011, , 408-422. | 1.0 | 1 |
| 1622 | Imagerie par rayons X des coronaires: radioprotection du patient au quotidien. , 2011, , 61-77. | | 0 |
| 1623 | Radiation dose and Lifetime Attributable Risk of Cancer Estimates in 64-slice Multidetector Computed Tomography. <i>The Journal of the Korea Contents Association</i> , 2011, 11, 244-252. | 0.0 | 2 |
| 1624 | Progressive intra-individual radiation dose reduction during CT surveillance of a patient with alcapa syndrome. <i>Diagnostic and Interventional Radiology</i> , 2012, 18, 547-51. | 0.7 | 3 |
| 1625 | La dose radiante e l'appropriatezza dell'imaging. , 2012, , 1-11. | | 0 |
| 1627 | Effetti delle radiazioni alle basse dosi. , 2012, , 13-27. | | 0 |
| 1628 | The Ongoing Crisis in Medical Device Education for Healthcare Professionals. <i>International Journal of Reliable and Quality E-Healthcare</i> , 2012, 1, 29-40. | 1.0 | 1 |
| 1629 | Adult Hip Imaging for the Arthroscopist. , 2013, , 33-54. | | 1 |
| 1633 | Computed Tomography Scan Radiation Overdose: a Case Discussion of Recurrent Neurocardiogenic Syncope Underwent to 112 Brain Computed Tomography Scans in Three Years. <i>Science Journal of Public Health</i> , 2013, 1, 47. | 0.1 | 0 |
| 1634 | Team Approach to Optimize Radiology Techniques. , 2014, , 161-176. | | 1 |
| 1635 | Advances in Technological Design to Optimize Exposure and Improve Image Quality. , 2014, , 177-202. | | 0 |
| 1636 | Monitoring of Medical Radiation Exposure for Individuals. , 2014, , 69-83. | | 0 |
| 1637 | Acute Pulmonary Exacerbation of Sarcoidosis. , 2014, , 65-78. | | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1638 | Bone, Certain Disorders and Diagnostic Tests: An Overview. <i>Science International</i> , 2013, 1, 330-335. | 0.4 | 0 |
| 1639 | Review of the Radiation Risk and Clinical Efficacy Associated with Computed Tomography Cancer Screening. <i>Journal of Radiation Protection and Research</i> , 2013, 38, 214-227. | 0.3 | 0 |
| 1640 | Radiation Risks and Dosimetry Assessment. , 2014, , 47-63. | | 0 |
| 1641 | Maligne Hodentumoren. , 2014, , 677-782. | | 1 |
| 1643 | Radiation Dose. , 2014, , 275-284. | | 0 |
| 1644 | Cumulative Radiation Exposure from Medical Imaging in Two Hospital Systems â€“ Implications for Medical Record Portability. <i>Emergency Medicine: Open Access</i> , 2014, 04, . | 0.1 | 0 |
| 1646 | Temporal Trends in Radiation Dose Associated with Coronary Computed Tomography Angiography. <i>Open Journal of Radiology</i> , 2014, 04, 101-110. | 0.1 | 0 |
| 1647 | Craniofacial Trauma. , 2014, , 221-228. | | 0 |
| 1648 | Lung Imaging. , 2014, , 1056-1065. | | 0 |
| 1652 | Why Do We Not Need CT in Patients Who Undergo Type I Tympanoplasty?. <i>Turkish Archives of Otorhinolaryngology</i> , 2014, 52, 77-80. | 0.2 | 0 |
| 1653 | The cancer risks of medical radiation exposure associated mainly with CT scans. <i>An Official Journal of the Japan Primary Care Association</i> , 2015, 38, 369-382. | 0.1 | 1 |
| 1656 | Stress Echocardiography Versus Cardiac CT. , 2015, , 643-654. | | 0 |
| 1657 | ë¹,,ë””íí~ìæì—°í~ê²€ì,-ì ë°©ì,-ì,, ë...j¶œê³¼ ìœ,,í~ë,, ê’€ë ~. <i>Journal of the Korean Dysphagia Society</i> , 2015, 5p16-23. | | 0 |
| 1658 | The Evaluation of Eye Dose and Image Quality According to The New Tube Current Modulation and Shielding Techniques in Brain CT. <i>Journal of the Korean Society of Radiology</i> , 2015, 9, 279-285. | 0.0 | 2 |
| 1659 | KÄ,, TURÄ–TUME Å½INOTI APIE MEDICININÄ~ APÄVITÄ,,?. <i>Medicinos Teorija Ir Praktika</i> , 2015, 21, 654-663. | 0.0 | 0 |
| 1660 | Ionizing Radiation. , 2016, , 107-117. | | 0 |
| 1661 | A prospective analysis of physical examination findings in the diagnosis of facial fractures:Determining predictive value. <i>Plastic Surgery</i> , 2016, 24, 73-9. | 0.4 | 6 |
| 1663 | Neuroimaging of Hypertension and Related Cerebral Pathology. , 2016, , 315-342. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1664 | Investigation of changes in brain natriuretic peptide serum levels and its diagnostic value in patients with mild and moderate head trauma, in patients referred to emergency department of Alzahra Hospital, Isfahan, 2013-2014. <i>Advanced Biomedical Research</i> , 2016, 5, 191. | 0.2 | 0 |
| 1666 | Radiation Dose and Image Quality Assessment of the Bolus Timing Method for CT Angiography. <i>Iranian Journal of Radiology</i> , 2016, In Press, . | 0.1 | 2 |
| 1667 | Comparison of Radiation Dose and Image Quality with Various Computed-Tomography Scout Views: The Angular Modulation Technique Based on Information Calculated from Scout Views. <i>Iranian Journal of Radiology</i> , 2016, 14, . | 0.1 | 0 |
| 1669 | Risk of ionizing radiation exposure from CT scans in the Neuro ICU - a patient safety blind spot?. <i>F1000Research</i> , 0, 5, 2489. | 0.8 | 0 |
| 1670 | CTDI versus New AAPM Metrics to assess Doses in CT: a case study. <i>Brazilian Journal of Radiation Sciences</i> , 2016, 4, . | 0.0 | 2 |
| 1671 | Special Patients and Conditions: Acetabular Dysplasia. , 2017, , 703-712. | | 0 |
| 1672 | A modern view on the effect of radiation exposure of patients during diagnostic evaluation of renal cell carcinoma and ways to avoid it. <i>Problemy Radiatsiinoi Medytsyny Ta Radiobiologii</i> , 2017, 22, 69-78. | 0.5 | 1 |
| 1673 | Activation of DNA Damage Signaling Components by Diagnostic Computed Tomography (CT) Scans Detected in Patient Samples Using an Electrochemiluminescence-Based Assay Platform. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2017, 08, 228-247. | 0.3 | 0 |
| 1674 | Imaging Adult Lumbar Scoliosis. , 2017, , 11-21. | | 1 |
| 1676 | The Effect of Linear Energy Transfer, Particle and Energy Fluence on Renal Surface Area during Abdominal CT Scan. <i>International Journal of Scientific Research in Science, Engineering and Technology</i> , 2017, , 671-677. | 0.1 | 0 |
| 1677 | Computer Based X-Ray Computed Tomography Training System for Engineering Education. <i>Sains Humanika</i> , 2017, 9, . | 0.0 | 0 |
| 1678 | Assessment of Organ Dose and Effective Dose from Head CT Examination in a Large Hospital in South-Southern Nigeria. <i>International Journal of Medical Physics, Clinical Engineering and Radiation Oncology</i> , 2018, 07, 431-437. | 0.3 | 1 |
| 1679 | The Importance of Neurological Examination For Computerized Brain Tomography Indication In Pediatric Emergency Room. <i>Sisli Etfal Hastanesi Tip Bulteni</i> , 2018, 54, 227-230. | 0.1 | 1 |
| 1680 | Evaluation of some spiral and sequential computed tomography protocols of adults used in three hospitals in Shiraz, Iran with American College of Radiology and European Commission guidelines. <i>Polish Journal of Radiology</i> , 2018, 83, 297-305. | 0.5 | 1 |
| 1682 | Cancer Risk Assessment of Patients Undergoing Computed Tomography Examination at the Korle-Bu Teaching Hospital. <i>International Journal of Scientific Research in Science and Technology</i> , 2018, , 861-868. | 0.1 | 0 |
| 1683 | Optimization of coded aperture in compressive x-ray tomography. , 2018, , . | | 1 |
| 1684 | Comparison of Estimated and Measured Doses of Dual-energy Computed Tomography. <i>Bangsaseon Gisul Gwahak</i> , 2018, 41, 405-411. | 0.1 | 0 |
| 1685 | Factors Influencing Protective Behavior against Radiation Exposure of Radiological Technologist in Computed Tomography Examination Room. <i>Bangsaseon Gisul Gwahak</i> , 2018, 41, 581-586. | 0.1 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1686 | Knowledge, Attitude and Practice of Radiation Protection Protocols amongst Students of a Dental College. Dentistry (Sunnyvale, Calif), 2019, 09, . | 0.1 | 2 |
| 1687 | Seminom CS I: adjuvante Therapie. Springer Reference Medizin, 2019, , 1-14. | 0.0 | 0 |
| 1688 | Imaging: Computerised Tomography. , 2019, , 13-17. | | 0 |
| 1689 | General Concepts in Robotics in Orthopedics. , 2019, , 27-35. | | 2 |
| 1690 | The Function of Computerized Tomography Head Scans in the Assessment of Patients Who Present with Drug Overdose and a Low Glasgow Coma Scale. Journal of Clinical Research in Anesthesiology, 2019, 2, . | 0.1 | 0 |
| 1691 | A Study on the Indirect Radiation Exposure of the Medical Personnel Who is Responsible for Patient Safety in CT Examination. Bangsaseon Gisul Gwahak, 2019, 42, 105-111. | 0.1 | 1 |
| 1692 | Connaissances des Prescripteurs en Radioprotection des Patients en Centrafrique. European Scientific Journal, 2019, 15, . | 0.0 | 0 |
| 1693 | Radiation Physics and Biological Effects of Radiation in Vascular Surgery. , 2020, , 671-694. | | 1 |
| 1694 | Nonpalpabl Testislerde TanÄ±sal Laparoskopisi; Tek Merkez Klinik SonuÅlarÄ±mÄ±z. Harran Åeniversitesi TÄ±p FakÅltesi Dergisi, 0, , . | 0.1 | 1 |
| 1695 | 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 |
| 1696 | DeterminaÃ§Ã£o da dose em pacientes submetidos a exames de tomografia computadorizada de abdome em um serviÃ§o de radiologia e diagnÃ³stico por imagem. Brazilian Journal of Radiation Sciences, 2020, 8, . | 0.0 | 0 |
| 1697 | Increasing radiation exposure from computed tomography in liver transplant recipients over time. Irish Journal of Medical Science, 2021, , 1. | 0.8 | 0 |
| 1698 | Clinical Evaluation. Hematologic Malignancies, 2020, , 99-111. | 0.2 | 0 |
| 1700 | EDCNN: Edge enhancement-based Densely Connected Network with Compound Loss for Low-Dose CT Denoising. , 2020, , . | | 35 |
| 1701 | Radiology of Tuberculosis. , 2021, , 163-219. | | 0 |
| 1702 | Imaging of the Carotid Artery. , 2020, , 33-48. | | 0 |
| 1703 | Evaluation of common findings in brain computerized tomography (CT) scan: A single center study. AIMS Neuroscience, 2020, 7, 311-318. | 1.0 | 5 |
| 1705 | Carotid Artery Fibromuscular Dysplasia. , 2020, , 199-219. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1706 | The diagnostic value of chest and abdominopelvic computed tomography in detecting thoracolumbar fractures among patients with blunt trauma. , 2020, 9, 160. | | 0 |
| 1707 | CT scanning in blunt chest trauma: validation of decision instruments. Revista Do Colegio Brasileiro De Cirurgioes, 2020, 47, e20202648. | 0.3 | 1 |
| 1708 | Pulmonary embolism diagnosis: is a standardized approach in the emergency department really effective?. Italian Journal of Emergency Medicine, 2020, 9, . | 0.0 | 0 |
| 1710 | Adoption of large-scale medical equipment: the impact of competition in the German inpatient sector. European Journal of Health Economics, 2021, , 1. | 1.4 | 5 |
| 1711 | Brain tumor detection and classification using machine learning: a comprehensive survey. Complex & Intelligent Systems, 2022, 8, 3161-3183. | 4.0 | 99 |
| 1713 | Maligne Hodentumoren. , 2014, , 677-782. | | 0 |
| 1714 | Single-snapshot X-ray imaging for nonlinear compressive tomosynthesis. Optics Express, 2020, 28, 29390. | 1.7 | 2 |
| 1715 | The role of radiation treatment in the management of inflammatory musculoskeletal conditions: a revisit. Radiation Oncology Journal, 2020, 38, 151-161. | 0.7 | 8 |
| 1716 | Highly reduced-dose CT of the lumbar spine in a human cadaver model. PLoS ONE, 2020, 15, e0240199. | 1.1 | 5 |
| 1718 | Rate of Intracranial Hemorrhage After Minor Head Injury. Cureus, 2020, 12, e10653. | 0.2 | 4 |
| 1719 | Ultra-Low-Dose Computed Tomography Protocol for Preoperative Evaluation in Children With Craniofacial Anomalies. Journal of Craniofacial Surgery, 2021, 32, 130-133. | 0.3 | 2 |
| 1720 | Trauma and Addiction Medicine. , 2021, , 1133-1141. | | 0 |
| 1721 | TomografÃa computarizada cerebral solicitada desde Urgencias: la realidad. Radiologia, 2022, 64, 422-432. | 0.3 | 1 |
| 1722 | Pharaoh and the Prospects for Productivity in HHR. Healthcare Policy, 2010, 5, 17-26. | 0.3 | 1 |
| 1723 | Mild traumatic brain injury: part 1: determining the need to scan. Canadian Family Physician, 2010, 56, 346-9. | 0.1 | 4 |
| 1724 | Active surveillance for small renal masses. Reviews in Urology, 2012, 14, 13-9. | 0.9 | 49 |
| 1725 | Environmental factors inducing human cancers. Iranian Journal of Public Health, 2012, 41, 1-9. | 0.3 | 40 |
| 1726 | The downward shift of the aortic bifurcation, a possible marker for vascular aging. Journal of Surgical Radiology, 2011, 2, 372-377. | 0.1 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1727 | Unnecessary diagnostic imaging: a review of the literature on preoperative imaging for boys with undescended testes. <i>Translational Andrology and Urology</i> , 2014, 3, 359-64. | 0.6 | 6 |
| 1728 | Pulmonary Surveillance Strategies Following Sarcoma Excision Vary Among Orthopedic Oncologists: A Survey of the Musculoskeletal Tumor Society. <i>Iowa orthopaedic journal, The</i> , 2016, 36, 109-16. | 0.5 | 5 |
| 1730 | Emergency Department Patients' Perceptions of Radiation From Medical Imaging. <i>Wisconsin Medical Journal</i> , 2016, 115, 22-8. | 0.3 | 5 |
| 1731 | Radiographic Enchondroma Surveillance: Assessing Clinical Outcomes and Costs Effectiveness. <i>Iowa orthopaedic journal, The</i> , 2019, 39, 185-193. | 0.5 | 6 |
| 1732 | Does CT Reduce the Rate of Negative Laparoscopies for Acute Appendicitis? A Single-Center Retrospective Study. <i>Journal of Medicine and Life</i> , 2020, 13, 26-31. | 0.4 | 1 |
| 1733 | Computed Tomography and Magnetic Resonance Imaging are Similarly Reliable in the Assessment of Glenohumeral Arthritis and Glenoid Version. <i>Archives of Bone and Joint Surgery</i> , 2021, 9, 64-69. | 0.1 | 2 |
| 1734 | 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 |
| 1735 | 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 |
| 1736 | K-edge coded aperture optimization for uniform illumination in compressive spectral X-ray tomosynthesis. <i>Optics Express</i> , 2021, 29, 41048. | 1.7 | 2 |
| 1738 | Gold coated contact lens-type ocular in vivo dosimeter (CLOD) for monitoring of low dose in computed tomography: A Monte Carlo study. <i>Physica Medica</i> , 2021, 92, 1-7. | 0.4 | 1 |
| 1739 | Deep learning model observer for a low-contrast hepatic metastases localization task in computed tomography. <i>Medical Physics</i> , 2022, 49, 70-83. | 1.6 | 7 |
| 1740 | COVID-19 Patient Detection Based on Fusion of Transfer Learning and Fuzzy Ensemble Models Using CXR Images. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11423. | 1.3 | 22 |
| 1741 | Thyroid dose and cancer risk from head and neck computed tomography at two selected centres in Nigeria. <i>Nigerian postgraduate medical journal, The</i> , 2021, 28, 278. | 0.1 | 2 |
| 1742 | 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 |
| 1743 | Surveillance Computed tomography scan— Is there a role at five years in post curative resection of colorectal cancer?. <i>International Journal of Radiology and Radiation Oncology</i> , 2020, , 022-026. | 0.1 | 0 |
| 1744 | A safe architecture for authorisation grant in healthcare ecosystems. , 2020, , . | | 1 |
| 1745 | Deep Residual Convolutional Sparse Coding Networks for Low Dose CT Imaging. , 2021, , . | | 1 |
| 1746 | Postoperative CT scans after resection of brain metastases: neurosurgical routine or added value?. <i>Journal of Neuro-Oncology</i> , 2022, 157, 157-163. | 1.4 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1747 | The Importance of Studying Our Surveillance Strategies. <i>Annals of Surgical Oncology</i> , 2022, 29, 2745. | 0.7 | 0 |
| 1748 | Simulated Annealing-Based Image Reconstruction for Patients With COVID-19 as a Model for Ultralow-Dose Computed Tomography. <i>Frontiers in Physiology</i> , 2021, 12, 737233. | 1.3 | 4 |
| 1749 | Utility of Automated Cardiac Chamber Volumetry by Non-Gated CT Pulmonary Angiography for Detection of Pulmonary Hypertension Using the 2018 Updated Hemodynamic Definition. <i>American Journal of Roentgenology</i> , 2022, , . | 1.0 | 0 |
| 1750 | GaN Heterostructures as Innovative X-ray Imaging Sensorsâ€”Change of Paradigm. <i>Micromachines</i> , 2022, 13, 147. | 1.4 | 6 |
| 1751 | Computed Tomographyâ€™Guided Lumbar Puncture. <i>Journal of Computer Assisted Tomography</i> , 2022, Publish Ahead of Print, . | 0.5 | 0 |
| 1752 | Differentiation of malignant from benign orbital tumours using dual-energy CT. <i>Clinical Radiology</i> , 2022, 77, 307-313. | 0.5 | 3 |
| 1753 | Realâ€time estimation of patientâ€™specific dose distributions for medical CT using the deep dose estimation. <i>Medical Physics</i> , 2022, 49, 2259-2269. | 1.6 | 13 |
| 1754 | CT-based micromotion analysis method can assess early implant migration and development of radiolucent lines in cemented glenoid components: a clinical feasibility study. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 93, 277-283. | 1.2 | 3 |
| 1755 | The role of neutrophil-to-lymphocyte ratio as an outcome predictor factor in acute appendicitis: a single medical centerâ€™s experience. <i>Romanian Journal of Laboratory Medicine</i> , 2022, 30, 63-70. | 0.1 | 0 |
| 1756 | OUP accepted manuscript. <i>Radiation Protection Dosimetry</i> , 2022, , . | 0.4 | 0 |
| 1757 | Diagnosing Pancreatic Adenocarcinoma With Contrast-Enhanced Ultrasonography: A Literature Review of Research in Europe and Asia. <i>Cureus</i> , 2022, 14, e22080. | 0.2 | 0 |
| 1758 | Adding non-contrast and delayed phases increases the diagnostic performance of arterial CTA for suspected active lower gastrointestinal bleeding. <i>European Radiology</i> , 2022, , 1. | 2.3 | 0 |
| 1759 | Comparison of Radiation Dose and Image Quality between the 2nd Generation and 3rd Generation Dual-Source Single-Energy and Dual-Source Dual-Energy CT of the Abdomen. <i>Journal of the Korean Society of Radiology</i> , 0, 83, . | 0.1 | 0 |
| 1760 | Appendicitis. , 2022, , 217-221. | | 0 |
| 1761 | Are we overusing abdominal computed tomography scans in young patients referred in an emergency for acute abdominal pain?. <i>Polish Journal of Radiology</i> , 2022, 87, 187-193. | 0.5 | 2 |
| 1762 | Low-dose multi-detector computed tomography for periradicular infiltrations at the cervical and lumbar spine. <i>Scientific Reports</i> , 2022, 12, 4324. | 1.6 | 3 |
| 1763 | Training low dose CT denoising network without high quality reference data. <i>Physics in Medicine and Biology</i> , 2022, 67, 084002. | 1.6 | 10 |
| 1764 | Neurovascular bundles segmentation on MRI via hierarchical object activation network. , 2022, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1765 | Statistical estimation of the regularization parameter for ultrasound tomographic reconstructions and its noise tolerance. , 2022, , . | | 0 |
| 1766 | Dose-Tracking Software: A Retrospective Analysis of Dosimetric Data in CT Procedures. Health Physics, 2022, 122, 548-555. | 0.3 | 1 |
| 1767 | Strategies for Dose Optimization: Views From Health Care Systems. Journal of the American College of Radiology, 2022, 19, 534-541. | 0.9 | 2 |
| 1768 | Diagnostic reference levels for chest computed tomography in children as a function of patient size. Pediatric Radiology, 2022, 52, 1446-1455. | 1.1 | 3 |
| 1769 | Nuances in detecting retained foreign bodies: a case report of a glass shard embedded in a child's scalp. Radiology Case Reports, 2022, 17, 1366-1369. | 0.2 | 0 |
| 1770 | 10-Year Trend of Abdominal Magnetic Resonance Imaging Compared With Abdominal Computed Tomography Scans in Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2021, , . | 0.9 | 1 |
| 1771 | The Dynamics of Inflammatory Markers in Patients with Suspected Acute Appendicitis. Medicina (Lithuania), 2021, 57, 1384. | 0.8 | 2 |
| 1772 | Fitzâ€Hughâ€Curtis syndrome without salpingitis: Should contrastâ€enhanced computed tomography be a routine diagnostic procedure?. Clinical Case Reports (discontinued), 2021, 9, e05211. | 0.2 | 0 |
| 1773 | Addition of CT to Improve the Diagnostic Confidence for the Detection of Sacroiliac Joint Erosions in Patients with Equivocal MRI Findings. Canadian Association of Radiologists Journal, 2021, , 084653712110565. | 1.1 | 0 |
| 1774 | Early Diagnosis and Real-Time Monitoring of Regional Lung Function Changes to Prevent Chronic Obstructive Pulmonary Disease Progression to Severe Emphysema. Journal of Clinical Medicine, 2021, 10, 5811. | 1.0 | 11 |
| 1775 | ULTRA-LOW-DOSE COMPUTED TOMOGRAPHY IN UROLITHIASISâ€”EFFECT OF AN ADDITIONAL TIN FILTER ON IMAGE QUALITY AND RADIATION DOSE. Radiation Protection Dosimetry, 2021, 197, 146-153. | 0.4 | 1 |
| 1776 | SaÄŸliÄ±k Ä±talÄ±ÅŸyanlarÄ±nÄ±n Ä°yonize Radyasyon ve Radyoaktif Maddelerden Korunmaya YÄ¶nelik Bilgilerinin Belirlenmesi. GÄ¼mÄ¼ÅŸhane Ä°niversitesi SaÄŸliÄ±k Bilimleri Dergisi, 2021, 10, 876-882. | 0.1 | 0 |
| 1777 | Systematic review of interventions that improve provider compliance to imaging guidelines for prostate cancer. Canadian Urological Association Journal, 2022, 16, . | 0.3 | 0 |
| 1778 | An Online Calculator for Estimating Breast Implant Volume from Imaging. Plastic and Reconstructive Surgery - Global Open, 2022, 10, e4273. | 0.3 | 1 |
| 1782 | Does CT Reduce the Rate of Negative Laparoscopies for Acute Appendicitis? A Single-Center Retrospective Study. Journal of Medicine and Life, 2020, 13, 26-31. | 0.4 | 6 |
| 1784 | ESTABLISHMENT OF REGIONAL DIAGNOSTIC REFERENCE LEVELS IN ADULT COMPUTED TOMOGRAPHY FOR FOUR AFRICAN COUNTRIES: A PRELIMINARY SURVEY. Radiation Protection Dosimetry, 2022, 198, 414-422. | 0.4 | 3 |
| 1786 | Non-Invasive and Minimally-Invasive Cerebral Autoregulation Assessment: A Narrative Review of Techniques and Implications for Clinical Research. Frontiers in Neurology, 2022, 13, 872731. | 1.1 | 9 |
| 1787 | Modulation of Secondary Cancer Risks from Radiation Exposure by Sex, Age and Gonadal Hormone Status: Progress, Opportunities and Challenges. Journal of Personalized Medicine, 2022, 12, 725. | 1.1 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1788 | Limited Invasive Protocol: Optimizing Diagnostic Modalities in Corticotropin Mediated Cushing Syndrome. <i>Endocrine Practice</i> , 2022, 28, 767-773. | 1.1 | 3 |
| 1789 | Estimation of lifetime attributable risk incidence and mortality for breast cancer attributed to computed tomography of the head in the Niger Delta Region of Nigeria. <i>Egyptian Journal of Radiology and Nuclear Medicine</i> , 2022, 53, . | 0.3 | 0 |
| 1790 | Evidence of Clinical Impact Supports a New Petition for Medicare Coverage of 2-[18F]Fluoro-2-Deoxy-D-Glucose Positron Emission Tomography/Computed Tomography in the Evaluation of <i>Staphylococcus aureus</i> Bacteremia: A Focused Literature Review and Call to Action. <i>Clinical Infectious Diseases</i> , 2022, 75, 1457-1461. | 2.9 | 13 |
| 1791 | Variation in CTA evaluation of ED patients suspected of aortic dissection. <i>Emergency Radiology</i> , 2022, 29, 709-713. | 1.0 | 3 |
| 1792 | Commentary on "Single-Center Retrospective Comparative Study Evaluating the Benefit of Computed Tomography Angiography Prior to Prostatic Artery Embolization": <i>CardioVascular and Interventional Radiology</i> , 2022, , . | 0.9 | 0 |
| 1793 | Establishment of diagnostic reference levels in low-dose renal computed tomography. <i>Acta Radiologica</i> , 2023, 64, 829-836. | 0.5 | 2 |
| 1794 | Guidelines for Reasonable and Appropriate Care in the Emergency Department 2 (<scp>GRACEâ€2</scp>): Lowâ€risk, recurrent abdominal pain in the emergency department. <i>Academic Emergency Medicine</i> , 2022, , . | 0.8 | 11 |
| 1795 | The Use of Computerized Tomography Scans in Elective Knee and Hip Arthroplastyâ€"What Do They Tell Us and at What Risk?. <i>Arthroplasty Today</i> , 2022, 15, 132-138. | 0.8 | 4 |
| 1796 | CT in pregnancy: Risks and benefits. , 0, , 6-16. | | 16 |
| 1797 | Relation between biomarkers and findings of low dose CT scans in hospitalized patients with AECOPD. <i>ERJ Open Research</i> , 0, , 00054-2022. | 1.1 | 0 |
| 1798 | Characteristics of Cumulative Annual Radiation Exposure in Young Intensive Care Unit Survivors. <i>Journal of Patient Safety</i> , 2022, 18, e985-e991. | 0.7 | 1 |
| 1799 | The Cranial Window: Opportunities for the Use of Bedside Ultrasound Facilitated by SonoLucent Implants in Neurosurgical Patients. <i>World Neurosurgery</i> , 2022, , . | 0.7 | 0 |
| 1800 | Contrast-Enhanced Cone-Beam Breast CT: An Analysis of Diagnostic Value in Predicting Breast Lesion With Rim Enhancement Malignancy. <i>Frontiers in Oncology</i> , 0, 12, . | 1.3 | 2 |
| 1801 | Brain CT requests from emergency department: Reality. <i>Radiologia</i> , 2022, 64, 422-432. | 0.3 | 1 |
| 1802 | Construction ofÂaÂCephalometric Image Based onÂMagnetic Resonance Imaging Data. <i>Advances in Intelligent Systems and Computing</i> , 2022, , 143-154. | 0.5 | 1 |
| 1803 | Diagnostic Values of Red Flags and a Clinical Prediction Score for Emergent Intracranial Lesions in Non-Traumatic Pediatric Headaches. <i>Children</i> , 2022, 9, 863. | 0.6 | 1 |
| 1804 | Modern Diagnostic Imaging Technique Applications and Risk Factors in the Medical Field: A Review. <i>BioMed Research International</i> , 2022, 2022, 1-19. | 0.9 | 46 |
| 1805 | Antiplatelet therapy contributes to a higher risk of traumatic intracranial hemorrhage compared to anticoagulation therapy in ground-level falls: a single-center retrospective study. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 4909-4917. | 0.8 | 6 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1806 | Perils of Injudicious Medical Imaging: Time for a Wake-up Call!. The Indian Journal of Chest Diseases & Allied Sciences, 2022, 52, 77-78. | 0.1 | 0 |
| 1808 | Appropriateness of imaging modality choice by doctors at the Kenyatta National Hospital's Accident and Emergency Department. South African Journal of Radiology, 2022, 26, . | 0.1 | 1 |
| 1810 | Global Irradiation in Children Treated for Hydrocephalus and Its Change over Time" A Single Institutional Analysis. Children, 2022, 9, 1062. | 0.6 | 1 |
| 1811 | Structural changes in subcutaneous and visceral abdominal fatty tissue induced by local application of 448kHz capacitive resistive monopolar radiofrequency: a magnetic resonance imaging case study. Lasers in Medical Science, 2022, 37, 3739-3748. | 1.0 | 3 |
| 1812 | Self-supervised inter- and intra-slice correlation learning for low-dose CT image restoration without ground truth. Expert Systems With Applications, 2022, 209, 118072. | 4.4 | 6 |
| 1813 | Practical answers to frequently asked questions in minimally invasive lumbar spine surgery. Spine Journal, 2023, 23, 54-63. | 0.6 | 12 |
| 1814 | Are we aware of radiation: A study about necessity of diagnostic X-ray exposure. World Journal of Methodology, 2022, 12, 264-273. | 1.1 | 4 |
| 1815 | Treatment for local control of retroperitoneal and pelvis sarcomas: A review of the literature. Surgical Oncology, 2022, 43, 101814. | 0.8 | 5 |
| 1816 | Utilization of artificial intelligence approach for prediction of DLP values for abdominal CT scans: A high accuracy estimation for risk assessment. Frontiers in Public Health, 0, 10, . | 1.3 | 0 |
| 1817 | The evaluation of the reduction of radiation dose via deep learning-based reconstruction for cadaveric human lung CT images. Scientific Reports, 2022, 12, . | 1.6 | 4 |
| 1818 | A Retrospective Analysis of Serum D-Dimer Levels for the Exclusion of Acute Aortic Dissection. Open Access Emergency Medicine, 0, Volume 14, 367-373. | 0.6 | 1 |
| 1819 | Developing a decision instrument to guide abdominal-pelvic imaging of blunt trauma patients: Methodology and protocol of the NEXUS abdominal-pelvic imaging study. PLoS ONE, 2022, 17, e0271070. | 1.1 | 1 |
| 1820 | Anthropometric parameters and radiation doses during percutaneous coronary procedures. Physica Medica, 2022, 100, 164-175. | 0.4 | 0 |
| 1821 | Negative Appendectomy Rates in Females of Childbearing Age: A Retrospective Analysis and Literature Review. Cureus, 2022, , . | 0.2 | 0 |
| 1823 | Potential Markers to Reduce Non-Contrast Computed Tomography Use for Symptomatic Patients with Suspected Ureterolithiasis. Journal of Personalized Medicine, 2022, 12, 1350. | 1.1 | 0 |
| 1824 | ALARA in Urology: Steps to Minimise Radiation Exposure During All Parts of the Endourological Journey. Current Urology Reports, 2022, 23, 255-259. | 1.0 | 11 |
| 1825 | Diagnostic Yield of Cone-beam"Derived Augmented Fluoroscopy and Ultrathin Bronchoscopy Versus Conventional Navigational Bronchoscopy Techniques. Journal of Bronchology and Interventional Pulmonology, 2023, 30, 335-345. | 0.8 | 6 |
| 1828 | Advances in Molecular, Functional, and Anatomical Head and Neck Imaging. , 2022, , 73-90. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1829 | U-shaped Transformer for Enhancing Low-Dose CT Images. Lecture Notes in Networks and Systems, 2022, , 1031-1042. | 0.5 | 0 |
| 1830 | Recognizable proof of relationships with image approaches in ischemic stroke utilizing computed Tomography (CT) and electroencephalogram (EEG). AIP Conference Proceedings, 2022, , . | 0.3 | 0 |
| 1831 | Extragastric recurrence in patients who underwent surgical resection of stage I gastric cancer: Incidence, risk factors, and value of abdominal computed tomography as a postoperative surveillance method. Medicine (United States), 2022, 101, e30335. | 0.4 | 0 |
| 1832 | Changes in the lumbar intervertebral foramen between supine and standing posture in patients with adult spinal deformity: a study with upright computed tomography. Skeletal Radiology, 2023, 52, 215-224. | 1.2 | 1 |
| 1833 | Identification of the anatomy of the deep temporal vein using computed tomography imaging: A retrospective cross-sectional review of patient imaging. Microsurgery, 0, , . | 0.6 | 0 |
| 1834 | ERA-WGAT: Edge-enhanced residual autoencoder with a window-based graph attention convolutional network for low-dose CT denoising. Biomedical Optics Express, 2022, 13, 5775. | 1.5 | 2 |
| 1835 | Intraoperative CT-guided navigation versus fluoroscopy for percutaneous pedicle screw placement in 192 patients: a comparative analysis. Journal of Orthopaedics and Traumatology, 2022, 23, . | 1.0 | 7 |
| 1836 | Clinical Utility of Routine Postprocedural Computed Tomography of the Head Following Elective Neuroendovascular Interventions. World Neurosurgery, 2022, 167, e1426-e1431. | 0.7 | 2 |
| 1837 | X-ray therapy safety and awareness education for medical trainees and attending physicians. Canadian Urological Association Journal, 2022, 17, . | 0.3 | 1 |
| 1838 | CT Utilization in a Level One Trauma Center in South Africa. Cureus, 2022, , . | 0.2 | 0 |
| 1839 | The Assessment of the Rationale for Urgent Head CT Comparative Analysis of Referrals and Results of Examinations without and with Contrast Enhancement. Medicina (Lithuania), 2022, 58, 1468. | 0.8 | 0 |
| 1840 | Prognosis of Rotational Angiography-Based Stereotactic Radiosurgery for Dural Arteriovenous Fistulas: A Retrospective Analysis. Neurosurgery, 2022, Publish Ahead of Print, . | 0.6 | 0 |
| 1841 | CoCoDiff: a contextual conditional diffusion model for low-dose CT image denoising. , 2022, , . | | 7 |
| 1842 | Deep Learning Hybrid Techniques for Brain Tumor Segmentation. Sensors, 2022, 22, 8201. | 2.1 | 7 |
| 1843 | Dual-task learning for low-dose CT simulation and denoising. , 2022, , . | | 0 |
| 1844 | Comprehensive Analysis of Set-Up Gain of 6-Dimensional Cone-Beam CT Correction Method in Radiotherapy for Head and Neck and Brain Tumors. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-9. | 0.7 | 0 |
| 1845 | Surgeon-conducted color Doppler ultrasound deep inferior epigastric artery perforator mapping: A cohort study and learning curve assessment. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2023, 76, 105-112. | 0.5 | 2 |
| 1846 | Comparison of the Medical Uses and Cellular Effects of High and Low Linear Energy Transfer Radiation. Toxics, 2022, 10, 628. | 1.6 | 8 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1847 | Novel Surgical Technique for Adolescent Idiopathic Scoliosis: Minimally Invasive Scoliosis Surgery. <i>Journal of Clinical Medicine</i> , 2022, 11, 5847. | 1.0 | 5 |
| 1848 | Persistently High Rates of Abdominal Computed Tomography Imaging Among Patients With Inflammatory Bowel Disease Who Present to the Emergency Department. <i>Journal of the Canadian Association of Gastroenterology</i> , 2023, 6, 64-72. | 0.1 | 1 |
| 1850 | Next Level in Computed Tomography-Guided Periradicular Infiltration Therapy: Same Efficiency with Less Radiation Exposure. <i>World Neurosurgery</i> , 2023, 171, e24-e30. | 0.7 | 0 |
| 1851 | Is Regular Radiographic Upper Urinary Tract Imaging for Surveillance of Non-Muscle Invasive Bladder Cancer Justified?. <i>Cancers</i> , 2022, 14, 5586. | 1.7 | 0 |
| 1852 | Assessment of cumulative cancer risk attributable to diagnostic X-ray radiation: a large cohort study. <i>European Radiology</i> , 2023, 33, 1769-1778. | 2.3 | 2 |
| 1853 | What can be done to improve diagnosis of aortic dissection?. <i>EMA - Emergency Medicine Australasia</i> , 2023, 35, 176-180. | 0.5 | 3 |
| 1855 | X-ray CT image denoising with MINF: A modularized iterative network framework for data from multiple dose levels. <i>Computers in Biology and Medicine</i> , 2023, 152, 106419. | 3.9 | 3 |
| 1856 | CT utilization in evaluation of skin and soft tissue extremity infections in the ED: Retrospective cohort study. <i>American Journal of Emergency Medicine</i> , 2023, 64, 96-100. | 0.7 | 2 |
| 1857 | 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 |
| 1858 | CT Scans and Cancer Risks: A Systematic Review and Dose-response Meta-analysis. <i>BMC Cancer</i> , 2022, 22, . | 1.1 | 16 |
| 1859 | Computed Tomography of the Spine. <i>Clinical Neuroradiology</i> , 2023, 33, 271-291. | 1.0 | 4 |
| 1860 | COVID-19 and pregnancy. <i>Gazzetta Medica Italiana Archivio Per Le Scienze Mediche</i> , 2022, 181, . | 0.0 | 0 |
| 1861 | Substantiation of a new approach to the criteria for assessing the radiation dose of patients during Computed Tomography. <i>Digital Diagnostics</i> , 0, , . | 0.3 | 0 |
| 1862 | 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 |
| 1863 | Radiation in Gastroenterology. <i>Gastroenterology Research</i> , 2022, 15, 285-296. | 0.4 | 6 |
| 1864 | Automatic organ completion with image stitching for personalized radiation dosimetry in CT examinations. <i>Medical Physics</i> , 0, , . | 1.6 | 0 |
| 1865 | Do All Pediatric Femoral Shaft Fractures Need a Computed Tomography Scan of the Ipsilateral Femoral Neck? Calculating the Incidence of Concomitant Femoral Neck and Shaft Fractures. <i>Journal of Pediatric Orthopaedics</i> , 0, Publish Ahead of Print, . | 0.6 | 1 |
| 1866 | Routine Computed Tomography Versus Selective Imaging: An Audit of Negative Appendectomy Rates in Two Hospitals. <i>Cureus</i> , 2022, , . | 0.2 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1867 | Cov-caldas: A new COVID-19 chest X-Ray dataset from state of Caldas-Colombia. <i>Scientific Data</i> , 2022, 9, . | 2.4 | 2 |
| 1868 | Prophylactic Splenectomy and Hyposplenism in Spaceflight. <i>Aerospace Medicine and Human Performance</i> , 2022, 93, 877-881. | 0.2 | 1 |
| 1869 | Robotic Technology in Foot and Ankle Surgery: A Comprehensive Review. <i>Sensors</i> , 2023, 23, 686. | 2.1 | 4 |
| 1870 | Estimation of radiation doses and lifetime attributable risk of radiation-induced cancer in the uterus and prostate from abdomen pelvis CT examinations. <i>Frontiers in Public Health</i> , 0, 10, . | 1.3 | 4 |
| 1871 | Diagnostic performance of biomarker S100B and guideline adherence in routine care of mild head trauma. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2023, 31, . | 1.1 | 4 |
| 1872 | Estimation of organ-specific cancer and mortality risks associated with common indication-specific CT examinations of the abdominopelvic region. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2023, , . | 0.2 | 0 |
| 1873 | 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 |
| 1874 | Tooth enamel ESR dosimetry for Hiroshima "black rain"™ zone residents. <i>Journal of Radiation Research</i> , 2022, 63, i61-i65. | 0.8 | 1 |
| 1875 | First Experience With Postoperative Transcranial Ultrasound Through Sonolucent Burr Hole Covers in Adult Hydrocephalus Patients. <i>Neurosurgery</i> , 2023, 92, 382-390. | 0.6 | 8 |
| 1876 | Evaluation of Focal Hepatic Lesion and associated changes in Gallbladder and Kidneys using Spiral Computed Tomography. , 0, , 151-155. | | 0 |
| 1878 | Multimodality: phantom imaging for superparamagnetic graphene composites using green technology for theranostic nanosystems. <i>Applied Physics A: Materials Science and Processing</i> , 2023, 129, . | 1.1 | 3 |
| 1879 | A systematic study on 3-D reconstruction computed tomography in cases of maxillofacial traumatic injuries. <i>International Journal of Maxillofacial Imaging</i> , 2022, 8, 121-125. | 0.0 | 0 |
| 1880 | Gender Differences in the Impact of Recommendations on Diagnostic Imaging Tests: A Retrospective Study 2007"2021. <i>Life</i> , 2023, 13, 289. | 1.1 | 0 |
| 1881 | Radiation Exposure to Low-Dose Computed Tomography for Lung Cancer Screening: Should We Be Concerned?. <i>Tomography</i> , 2023, 9, 166-177. | 0.8 | 0 |
| 1882 | Is Chest X-Ray a Reliable Screening Tool for Blunt Thoracic Aortic Injury? Results from the American Association for the Surgery of Trauma/Aortic Trauma Foundation Prospective Blunt Thoracic Aortic Injury Registry. <i>Journal of the American College of Surgeons</i> , 0, Publish Ahead of Print, . | 0.2 | 1 |
| 1883 | Are Computed Tomography Scans Necessary for the Diagnosis of Peritonsillar Abscess?. <i>Cureus</i> , 2023, , . | 0.2 | 2 |
| 1884 | Dosimetric benefits of adaptive radiation therapy for patients with stage III non-small cell lung cancer. <i>Radiation Oncology</i> , 2023, 18, . | 1.2 | 2 |
| 1886 | Persistent Mullerian duct syndrome with polycystic ovary in a young adult: A rare case report. <i>Radiology Case Reports</i> , 2023, 18, 1825-1829. | 0.2 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1887 | Follow-up Imaging After Thrombolysis: FIAT, A Randomized Trial. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2023, 32, 107092. | 0.7 | 0 |
| 1888 | Imaging Techniques in the Evaluation of the Neurogenic Lower Urinary Tract Dysfunction (NLUTD). , 2022, , 1-14. | | 0 |
| 1889 | Pediatric Nephrolithiasis. <i>Healthcare (Switzerland)</i> , 2023, 11, 552. | 1.0 | 3 |
| 1890 | Computed tomography for malignancy screening in patients with rheumatoid arthritis before initiation of disease modifying antirheumatic drug. <i>Rheumatology</i> , 2023, 62, 3339-3349. | 0.9 | 5 |
| 1891 | The role of repeated imaging in detecting complications in the postoperative period following pancreaticoduodenectomy. <i>ANZ Journal of Surgery</i> , 2023, 93, 1314-1321. | 0.3 | 1 |
| 1892 | Hierarchical Self-Assembly in DNA Ionogel: Effect of \hat{I}^3 -Radiation on Gel Properties. <i>Journal of Surface Science and Technology</i> , 0, , . | 0.3 | 0 |
| 1893 | Evaluation of Lower Leg Arteries and Fibular Perforators before Microsurgical Fibular Transfer Using Noncontrast-Enhanced Quiescent-Interval Slice-Selective (QISS) Magnetic Resonance Angiography. <i>Journal of Clinical Medicine</i> , 2023, 12, 1634. | 1.0 | 0 |
| 1894 | Analytical Comparison of Deep Learning Algorithms for Fracture Detection. , 2022, , . | | 1 |
| 1895 | Physics-/Model-Based and Data-Driven Methods for Low-Dose Computed Tomography: A survey. <i>IEEE Signal Processing Magazine</i> , 2023, 40, 89-100. | 4.6 | 13 |
| 1896 | Imaging Recommendations for Theranostic PET-CT in Oncology. <i>Indian Journal of Medical and Paediatric Oncology</i> , 0, , . | 0.1 | 0 |
| 1897 | Computed Tomography of the Head. <i>Clinical Neuroradiology</i> , 2023, 33, 591-610. | 1.0 | 3 |
| 1898 | Lowering the Radiation Dose in Dental Offices. <i>Journal of the California Dental Association</i> , 2017, 45, 189-195. | 0.0 | 0 |
| 1899 | Beyond the <i>AJR</i>: Exploring the Yield of Head CT in Patients With Altered Mental Status. <i>American Journal of Roentgenology</i> , 2023, 221, 698-698. | 1.0 | 0 |
| 1901 | Comparative Gut Microbiome Differences between High and Low Aortic Arch Calcification Score in Patients with Chronic Diseases. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5673. | 1.8 | 4 |
| 1902 | Efficacy of Artificial Intelligence in the Categorisation of Paediatric Pneumonia on Chest Radiographs: A Systematic Review. <i>Children</i> , 2023, 10, 576. | 0.6 | 1 |
| 1903 | Automatic segmentation of neurovascular bundle on mri using deep learning based topological modulated network. <i>Medical Physics</i> , 2023, 50, 5479-5488. | 1.6 | 0 |
| 1906 | Low-Dose CT Image Synthesis for Domain Adaptation Imaging Using a Generative Adversarial Network With Noise Encoding Transfer Learning. <i>IEEE Transactions on Medical Imaging</i> , 2023, 42, 2616-2630. | 5.4 | 3 |
| 1908 | Feasibility of photon-counting CT for femoroacetabular impingement syndrome evaluation: lower radiation dose and improved diagnostic confidence. <i>Skeletal Radiology</i> , 2023, 52, 1651-1659. | 1.2 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1909 | Small Bowel Obstruction in Postpartum Vaginal Delivery due to Prior Abdominal Adhesions Case Report. <i>Case Reports in Obstetrics and Gynecology</i> , 2023, 2023, 1-4. | 0.2 | 0 |
| 1911 | Rapid MRI Abdomen for Assessment of Clinically Suspected Acute Appendicitis in the General Adult Population: a Systematic Review. <i>Journal of Gastrointestinal Surgery</i> , 2023, 27, 1473-1485. | 0.9 | 0 |
| 1912 | A self-supervised guided knowledge distillation framework for unpaired low-dose CT image denoising. <i>Computerized Medical Imaging and Graphics</i> , 2023, 107, 102237. | 3.5 | 3 |
| 1925 | Pre-operative Mapping and Imaging of Perforator Flaps. , 2023, , 19-28. | | 0 |
| 1938 | Imaging Techniques for the Diagnosis of Spondylolisthesis. , 2023, , 63-103. | | 0 |
| 1953 | Constructing a Panoramic Radiograph Image Based on Magnetic Resonance Imaging Data. <i>Lecture Notes in Networks and Systems</i> , 2024, , 121-130. | 0.5 | 0 |
| 1956 | Estimation of Lean Soft Tissue by Dual-Energy X-Ray Absorptiometry as a Surrogate for Muscle Mass in Health, Obesity, and Sarcopenia. <i>Neuromethods</i> , 2023, , 1-14. | 0.2 | 0 |
| 1957 | Analysis of Skeletal Muscle Mass from Preexisting Computerized Tomography (CT) Scans. <i>Neuromethods</i> , 2023, , 15-28. | 0.2 | 0 |
| 1963 | Inter-slice Consistency for Unpaired Low-Dose CT Denoising Using Boosted Contrastive Learning. <i>Lecture Notes in Computer Science</i> , 2023, , 238-247. | 1.0 | 0 |
| 1967 | Edge-Enhanced Dense Network Based on Attention for Low-Dose CT Denoising. , 2023, , . | | 0 |
| 1970 | The landscape of surgical robotics in orthopedics surgery. <i>Biomedical Engineering Letters</i> , 2023, 13, 537-542. | 2.1 | 0 |
| 1973 | Imaging Techniques in the Evaluation of the Neurogenic Lower Urinary Tract Dysfunction (NLUTD). , 2023, , 215-227. | | 0 |
| 1981 | Radiation Hazards in Endourology. , 2023, , 121-141. | | 0 |
| 1992 | Texture-Enhanced Low Dose CT Image Denoising Using Pearson Divergence Loss. , 2022, , . | | 0 |
| 1993 | Real-time Voxel-Wise Patient-Specific Monte Carlo Dose Reconstruction in Total Body CT Scan Images using Deep Neural Network. , 2022, , . | | 0 |
| 1994 | GREAT- IQA: Integrating Global Perception and Local Task-Specific Information for CT Image Quality Assessment. , 2023, , . | | 0 |
| 1996 | Head CT in Trauma. , 2023, , 11-30. | | 0 |
| 2003 | Generative AI in Medical Imaging and Its Application in Low Dose Computed Tomography (CT) Image Denoising. , 2024, , 387-401. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
|---|---------|----|-----------|