

Jenia Vassileva

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3251754/publications.pdf>

Version: 2024-02-01

76
papers

1,290
citations

361296

20
h-index

414303

32
g-index

77
all docs

77
docs citations

77
times ranked

1134
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Reference levels at European level for cardiac interventional procedures. Radiation Protection Dosimetry, 2008, 129, 104-107. | 0.4 | 93 |
| 2 | Diagnostic Reference Levels. American Journal of Roentgenology, 2015, 204, W1-W3. | 1.0 | 90 |
| 3 | Multinational data on cumulative radiation exposure of patients from recurrent radiological procedures: call for action. European Radiology, 2020, 30, 2493-2501. | 2.3 | 71 |
| 4 | Patient dose in interventional radiology: a European survey. Radiation Protection Dosimetry, 2008, 129, 39-45. | 0.4 | 65 |
| 5 | Chest CT practice and protocols for COVID-19 from radiation dose management perspective. European Radiology, 2020, 30, 6554-6560. | 2.3 | 62 |
| 6 | Variations in CT Utilization, Protocols, and Radiation Doses in COVID-19 Pneumonia: Results from 28 Countries in the IAEA Study. Radiology, 2021, 298, E141-E151. | 3.6 | 59 |
| 7 | IAEA survey of paediatric computed tomography practice in 40 countries in Asia, Europe, Latin America and Africa: procedures and protocols. European Radiology, 2013, 23, 623-631. | 2.3 | 53 |
| 8 | Establishing national diagnostic reference levels (DRLs) for computed tomography in Egypt. Physica Medica, 2017, 39, 16-24. | 0.4 | 52 |
| 9 | IAEA Survey of Pediatric CT Practice in 40 Countries in Asia, Europe, Latin America, and Africa: Part 1, Frequency and Appropriateness. American Journal of Roentgenology, 2012, 198, 1021-1031. | 1.0 | 47 |
| 10 | A study to establish international diagnostic reference levels for paediatric computed tomography. Radiation Protection Dosimetry, 2015, 165, 70-80. | 0.4 | 45 |
| 11 | Medical imaging dose optimisation from ground up: expert opinion of an international summit. Journal of Radiological Protection, 2018, 38, 967-989. | 0.6 | 38 |
| 12 | Quality control and patient dosimetry in dental cone beam CT. Radiation Protection Dosimetry, 2010, 139, 310-312. | 0.4 | 32 |
| 13 | A phantom for dose-image quality optimization in chest radiography. British Journal of Radiology, 2002, 75, 837-842. | 1.0 | 28 |
| 14 | Eye lens exposure to medical staff during endoscopic retrograde cholangiopancreatography. Physica Medica, 2015, 31, 781-784. | 0.4 | 26 |
| 15 | Patient grouping for dose surveys and establishment of diagnostic reference levels in paediatric computed tomography. Radiation Protection Dosimetry, 2015, 165, 81-85. | 0.4 | 24 |
| 16 | A national patient dose survey and setting of reference levels for interventional radiology in Bulgaria. European Radiology, 2012, 22, 1240-1249. | 2.3 | 23 |
| 17 | Patient dose monitoring and the use of diagnostic reference levels for the optimization of protection in medical imaging: current status and challenges worldwide. Journal of Medical Imaging, 2017, 4, 1. | 0.8 | 23 |
| 18 | Thyroid shielding in cone beam computed tomography: recommendations towards appropriate use. Dentomaxillofacial Radiology, 2019, 48, 20190014. | 1.3 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Staff dosimetry in interventional cardiology: survey on methods and level of exposure. Radiation Protection Dosimetry, 2008, 129, 100-103. | 0.4 | 20 |
| 20 | Unintended and accidental medical radiation exposures in radiology: guidelines on investigation and prevention. Journal of Radiological Protection, 2017, 37, 883-906. | 0.6 | 20 |
| 21 | Radiation exposure to the eye lens of orthopaedic surgeons during various orthopaedic procedures. Radiation Protection Dosimetry, 2015, 165, 310-313. | 0.4 | 19 |
| 22 | CT protocols and radiation doses for hematuria and urinary stones: Comparing practices in 20 countries. European Journal of Radiology, 2020, 126, 108923. | 1.2 | 19 |
| 23 | Use of Multiphase CT Protocols in 18 Countries: Appropriateness and Radiation Doses. Canadian Association of Radiologists Journal, 2021, 72, 381-387. | 1.1 | 16 |
| 24 | Risk of radiation exposure to medical staff involved in interventional endourology. Radiation Protection Dosimetry, 2015, 165, 268-271. | 0.4 | 15 |
| 25 | Patient doses from PET-CT procedures. Radiation Protection Dosimetry, 2015, 165, 430-433. | 0.4 | 15 |
| 26 | Radiation protection perspective to recurrent medical imaging: what is known and what more is needed?. British Journal of Radiology, 2021, 94, 20210477. | 1.0 | 15 |
| 27 | Lessons from two cases of radiation induced skin injuries in fluoroscopic procedures in Bulgaria. Journal of Radiological Protection, 2017, 37, 938-946. | 0.6 | 13 |
| 28 | Radiation Exposure of Surgical Team During Endourological Procedures: International Atomic Energy Agency's South-Eastern European Group for Urolithiasis Research Study. Journal of Endourology, 2021, 35, 574-582. | 1.1 | 13 |
| 29 | Survey on performance assessment of cardiac angiography systems. Radiation Protection Dosimetry, 2008, 129, 108-111. | 0.4 | 12 |
| 30 | Recently revised diagnostic reference levels in nuclear medicine in Bulgaria and in Finland. Radiation Protection Dosimetry, 2010, 139, 317-320. | 0.4 | 12 |
| 31 | Patient doses from hybrid SPECT-CT procedures. Radiation Protection Dosimetry, 2015, 165, 424-429. | 0.4 | 12 |
| 32 | Collective effective dose in Europe from X-ray and nuclear medicine procedures. Radiation Protection Dosimetry, 2015, 165, 129-132. | 0.4 | 12 |
| 33 | The growing potential of diagnostic reference levels as a dynamic tool for dose optimization. Physica Medica, 2021, 84, 285-287. | 0.4 | 12 |
| 34 | An international survey of imaging practices in radiotherapy. Physica Medica, 2021, 90, 53-65. | 0.4 | 12 |
| 35 | Radiation exposure of patients during endourological procedures: IAEA-SEGUR study. Journal of Radiological Protection, 2020, 40, 1390-1405. | 0.6 | 11 |
| 36 | Guidance on prevention of unintended and accidental radiation exposures in nuclear medicine. Journal of Radiological Protection, 2019, 39, 665-695. | 0.6 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Worldwide Diagnostic Reference Levels for Single-Photon Emission Computed Tomography Myocardial Perfusion Imaging. JACC: Cardiovascular Imaging, 2021, 14, 657-665. | 2.3 | 9 |
| 38 | Large differences in education and training of radiographers in Europe and Central Asia: Results from an IAEA coordinated study. Radiography, 2022, 28, 48-54. | 1.1 | 9 |
| 39 | Bulgarian experience in the establishment of reference dose levels and implementation of a quality control system in diagnostic radiology. Radiation Protection Dosimetry, 2005, 117, 131-134. | 0.4 | 8 |
| 40 | Impact of the X-ray system setting on patient dose and image quality; a case study with two interventional cardiology systems. Radiation Protection Dosimetry, 2013, 155, 329-334. | 0.4 | 8 |
| 41 | Optimisation of paediatric chest radiography. Radiation Protection Dosimetry, 2015, 165, 231-234. | 0.4 | 8 |
| 42 | Strengthening radiation protection education and training of health professionals: conclusions from an IAEA meeting. Journal of Radiological Protection, 2022, 42, 011504. | 0.6 | 8 |
| 43 | A phantom approach to find the optimal technical parameters for plain chest radiography. British Journal of Radiology, 2004, 77, 648-653. | 1.0 | 7 |
| 44 | An estimate of the influence of the measurement procedure on patient and phantom doses in breast imaging. Radiation Protection Dosimetry, 2008, 129, 150-154. | 0.4 | 7 |
| 45 | Dosimetry methods for multi-detector computed tomography. Radiation Protection Dosimetry, 2015, 165, 190-193. | 0.4 | 7 |
| 46 | Collaboration, campaigns and champions for appropriate imaging: feedback from the Zagreb workshop. Insights Into Imaging, 2018, 9, 211-214. | 1.6 | 7 |
| 47 | European survey of dental X-ray equipment. Radiation Protection Dosimetry, 2008, 129, 284-287. | 0.4 | 6 |
| 48 | Exposure to patient during interventional endourological procedures. Radiation Protection Dosimetry, 2011, 147, 114-117. | 0.4 | 6 |
| 49 | IAEA survey of dental cone beam computed tomography practice and related patient exposure in nine Central and Eastern European countries. Dentomaxillofacial Radiology, 2020, 49, 20190157. | 1.3 | 6 |
| 50 | National survey to set diagnostic reference levels in nuclear medicine single photon emission imaging in Croatia. Physica Medica, 2020, 78, 109-116. | 0.4 | 6 |
| 51 | A phantom study to optimise the automatic tube current modulation for chest CT in COVID-19. European Radiology Experimental, 2021, 5, 21. | 1.7 | 6 |
| 52 | Patient dosimetry in paediatric diagnostic radiology. Radiation Protection Dosimetry, 2008, 129, 155-159. | 0.4 | 5 |
| 53 | Quality control measurements for fluoroscopy systems in eight countries participating in the SENTINEL EU coordination action. Radiation Protection Dosimetry, 2008, 129, 237-243. | 0.4 | 5 |
| 54 | EUTEMPE-RX, an EC supported FP7 project for the training and education of medical physics experts in radiology: Table 1. Radiation Protection Dosimetry, 2015, 165, 518-522. | 0.4 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Implementation of the European protocol for quality control of the technical aspects of mammography screening in Bulgaria. Radiation Protection Dosimetry, 2005, 114, 403-405. | 0.4 | 4 |
| 56 | A survey of the state of mammography practice in Bulgaria. Radiation Protection Dosimetry, 2011, 147, 184-186. | 0.4 | 4 |
| 57 | Survey of practice in paediatric computed tomography. Radiation Protection Dosimetry, 2011, 147, 156-159. | 0.4 | 4 |
| 58 | Web-based platform for patient dose surveys in diagnostic and interventional radiology in Bulgaria: Functionality testing and optimisation. Physica Medica, 2017, 41, 87-92. | 0.4 | 4 |
| 59 | Current issues in radiation protection in medicine. Radiation Protection Dosimetry, 2011, 147, 1-2. | 0.4 | 3 |
| 60 | Potential for optimisation of paediatric chest X-ray examination. Radiation Protection Dosimetry, 2011, 147, 168-170. | 0.4 | 3 |
| 61 | The influence of novel CT reconstruction technique and ECG-gated technique on image quality and patient dose of cardiac computed tomography. Radiation Protection Dosimetry, 2015, 165, 182-184. | 0.4 | 3 |
| 62 | On-line data collection platform for national dose surveys in diagnostic and interventional radiology. Radiation Protection Dosimetry, 2015, 165, 121-124. | 0.4 | 3 |
| 63 | Cutting down the radiation dose on CT urography: how it is done and what results are received?. Radiation Protection Dosimetry, 2015, 165, 172-174. | 0.4 | 3 |
| 64 | SURVEY OF IMAGING TECHNOLOGY AND PATIENT DOSE RECORDING PRACTICE IN DEVELOPING COUNTRIES. Radiation Protection Dosimetry, 2018, 181, 240-245. | 0.4 | 3 |
| 65 | CHEST CT USAGE IN COVID-19 PNEUMONIA: MULTICENTER STUDY ON RADIATION DOSES AND DIAGNOSTIC QUALITY IN BRAZIL. Radiation Protection Dosimetry, 2021, 197, 135-145. | 0.4 | 3 |
| 66 | Assessment of performance of a new digital image intensifier fluoroscopy system. Radiation Protection Dosimetry, 2008, 129, 123-126. | 0.4 | 2 |
| 67 | A study in Europe of patient dosimetry in diagnostic radiology: protocol development and findings. Radiation Protection Dosimetry, 2010, 139, 380-387. | 0.4 | 2 |
| 68 | Investigating centering, scan length, and arm position impact on radiation dose across 4 countries from 4 continents during pandemic: Mitigating key radioprotection issues. Physica Medica, 2021, 84, 125-131. | 0.4 | 2 |
| 69 | Influence of exposure parameters on patient dose and image noise in computed tomography. Polish Journal of Medical Physics and Engineering, 2009, 15, . | 0.2 | 2 |
| 70 | Radiation protection and safety in medical use of ionising radiation in Republic of Bulgaria – harmonisation of the national legislation with Euratom directives. Radiation Protection Dosimetry, 2005, 117, 260-262. | 0.4 | 1 |
| 71 | Criteria and suspension levels in diagnostic radiology. Radiation Protection Dosimetry, 2013, 153, 185-189. | 0.4 | 1 |
| 72 | Communication of radiation risk from imaging studies: an IAEA-coordinated international survey. Journal of Radiological Protection, 2022, 42, 021524. | 0.6 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | IAEA support to the radiation protection of patients in the time of the COVID-19 global pandemic. Health and Technology, 2022, 12, 637-641. | 2.1 | 1 |
| 74 | TU-G-105-01: International Medical Physics Symposium - Part 2: Making a Difference in the World: Are You Willing to Be Part?. Medical Physics, 2013, 40, 452-452. | 1.6 | 0 |
| 75 | How Can Biomedical Engineers Benefit from the New Expert Level Course of the EUTEMPE-RX Project. IFMBE Proceedings, 2015, , 765-768. | 0.2 | 0 |
| 76 | 2021 NATIONAL DIAGNOSTIC REFERENCE LEVELS FOR PAEDIATRIC COMPUTED TOMOGRAPHY IN EGYPT. Radiation Protection Dosimetry, 0, , . | 0.4 | 0 |