Eliseo Vano

List of Publications by Year
in descending order

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297 papers	11,156 citations	36303 51 h-index	37204 96 g-index
303 all docs	303 docs citations	303 times ranked	5719 citing authors

#	Article	IF	Citations
1	ICRP Publication 135: Diagnostic Reference Levels in Medical Imaging. Annals of the ICRP, 2017, 46, 1-144.	3.8	490
2	Guidelines for Patient Radiation Dose Management. Journal of Vascular and Interventional Radiology, 2009, 20, S263-S273.	0.5	375
3	Radiation exposure to medical staff in interventional and cardiac radiology.. British Journal of Radiology, 1998, 71, 954-960.	2.2	316
4	Radiological Protection in Fluoroscopically Guided Procedures Performed Outside the Imaging Department. Annals of the ICRP, 2010, 40, 1-102.	3.8	310
5	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. European Heart Journal, 2014, 35, 665-672.	2.2	301
6	Radiation Cataract Risk in Interventional Cardiology Personnel. Radiation Research, 2010, 174, 490-495.	1.5	289
7	Cancer risk from professional exposure in staff working in cardiac catheterization laboratory: Insights from the National Research Council's Biological Effects of Ionizing Radiation VII Report. American Heart Journal, 2009, 157, 118-124.	2.7	286
8	Risk for radiationâ€induced cataract for staff in interventional cardiology: Is there reason for concern?. Catheterization and Cardiovascular Interventions, 2010, 76, 826-834.	1.7	270
9	ICRP Publication 120: Radiological Protection in Cardiology. Annals of the ICRP, 2013, 42, 1-125.	3.8	270
10	Practical ways to reduce radiation dose for patients and staff during device implantations and electrophysiological procedures. Europace, 2014, 16, 946-964.	1.7	242
11	Eye Lens Exposure to Radiation in Interventional Suites: Caution Is Warranted. Radiology, 2008, 248, 945-953.	7.3	225
12	Lens injuries induced by occupational exposure in non-optimized interventional radiology laboratories.. British Journal of Radiology, 1998, 71, 728-733.	2.2	222
13	Occupational Radiation Protection in Interventional Radiology: A Joint Guideline of the Cardiovascular and Interventional Radiology Society of Europe and the Society of Interventional Radiology. CardioVascular and Interventional Radiology, 2010, 33, 230-239.	2.0	221
14	Abstract to â€˜Education and Training in Radiological Protection for Diagnostic and Interventional Proceduresâ€™. Annals of the ICRP, 2009, 39, 1-2.	3.8	208
15	Radiation-associated Lens Opacities in Catheterization Personnel: Results of a Survey and Direct Assessments. Journal of Vascular and Interventional Radiology, 2013, 24, 197-204.	0.5	206
16	Cumulative patient effective dose and acute radiation-induced chromosomal DNA damage in children with congenital heart disease. Heart, 2010, 96, 269-274.	2.9	193
17	Occupational radiation doses in interventional cardiology: a 15-year follow-up. British Journal of Radiology, 2006, 79, 383-388.	2.2	179
18	Dosimetric and radiation protection considerations based on some cases of patient skin injuries in interventional cardiology.. British Journal of Radiology, 1998, 71, 510-516.	2.2	167

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19	Clinical Radiation Management for Fluoroscopically Guided Interventional Procedures. Radiology, 2010, 257, 321-332.	7.3	153
20	Preliminary reference levels in interventional cardiology. European Radiology, 2003, 13, 2259-2263.	4.5	145
21	ICRP Publication 139: Occupational Radiological Protection in Interventional Procedures. Annals of the ICRP, 2018, 47, 1-118.	3.8	145
22	Patient dose values in interventional radiology. British Journal of Radiology, 1995, 68, 1215-1220.	2.2	132
23	The Radiation Issue in Cardiology: the time for action is now. Cardiovascular Ultrasound, 2011, 9, 35.	1.6	132
24	Occupational Radiation Protection in Interventional Radiology: A Joint Guideline of the Cardiovascular and Interventional Radiology Society of Europe and the Society of Interventional Radiology. Journal of Vascular and Interventional Radiology, 2010, 21, 607-615.	0.5	128
25	Radiation and cataract. Radiation Protection Dosimetry, 2011, 147, 300-304.	0.8	111
26	Cancer and non-cancer brain and eye effects of chronic low-dose ionizing radiation exposure. BMC Cancer, 2012, 12, 157.	2.6	111
27	Skin radiation injuries in patients following repeated coronary angioplasty procedures. British Journal of Radiology, 2001, 74, 1023-1031.	2.2	110
28	Skin dose and doseâ€“area product values for interventional cardiology procedures. British Journal of Radiology, 2001, 74, 48-55.	2.2	104
29	Recommendations for occupational radiation protection in interventional cardiology. Catheterization and Cardiovascular Interventions, 2013, 82, 29-42.	1.7	104
30	Radiation exposure to cardiologists: how it could be reduced. British Heart Journal, 2003, 89, 1123-1124.	2.1	98
31	Radiation Management for Interventions Using Fluoroscopic or Computed Tomographic Guidance during Pregnancy: A Joint Guideline of the Society of Interventional Radiology and the Cardiovascular and Interventional Radiological Society of Europe with Endorsement by the Canadian Interventional Radiology Association. Journal of Vascular and Interventional Radiology, 2012, 23, 19-32.	0.5	96
32	A pilot study exploring the possibility of establishing guidance levels in x-ray directed interventional procedures. Medical Physics, 2008, 35, 673-680.	3.0	94
33	Reference levels at European level for cardiac interventional procedures. Radiation Protection Dosimetry, 2008, 129, 104-107.	0.8	93
34	Radiation-Induced Eye Lens Changes and Risk for Cataract in Interventional Cardiology. Cardiology, 2012, 123, 168-171.	1.4	93
35	Clinical and technical determinants of the complexity of percutaneous transluminal coronary angioplasty procedures: Analysis in relation to radiation exposure parameters. Catheterization and Cardiovascular Interventions, 2000, 51, 1-9.	1.7	82
36	Management of Patient and Staff Radiation Dose in Interventional Radiology: Current Concepts. CardioVascular and Interventional Radiology, 2014, 37, 289-298.	2.0	82

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37	Cumulative patient effective dose in cardiology. British Journal of Radiology, 2008, 81, 699-705.	2.2	79
38	Dynamic flat panel detector versus image intensifier in cardiac imaging: dose and image quality. Physics in Medicine and Biology, 2005, 50, 5731-5742.	3.0	75
39	Staff Radiation Doses in a Real-Time Display Inside the Angiography Room. CardioVascular and Interventional Radiology, 2010, 33, 1210-1214.	2.0	72
40	Preface. Annals of the ICRP, 2009, 39, 7-8.	3.8	68
41	Influence of patient thickness and operation modes on occupational and patient radiation doses in interventional cardiology. Radiation Protection Dosimetry, 2006, 118, 325-330.	0.8	67
42	Comparison of a conventional and a flat-panel digital system in interventional cardiology procedures. British Journal of Radiology, 2004, 77, 562-567.	2.2	65
43	Patient dose in interventional radiology: a European survey. Radiation Protection Dosimetry, 2008, 129, 39-45.	0.8	65
44	Patient Dose Related to the Complexity of Interventional Cardiology Procedures. Radiation Protection Dosimetry, 2001, 94, 189-192.	0.8	64
45	Occupational Radiation Protection of Pregnant or Potentially Pregnant Workers in IR: A Joint Guideline of the Society of Interventional Radiology and the Cardiovascular and Interventional Radiological Society of Europe. Journal of Vascular and Interventional Radiology, 2015, 26, 171-181.	0.5	64
46	Patient Dose Reference Levels for Interventional Radiology: A National Approach. CardioVascular and Interventional Radiology, 2009, 32, 19-24.	2.0	63
47	Guidance on radiation dose limits for the lens of the eye: overview of the recommendations in NCRP Commentary No. 26. International Journal of Radiation Biology, 2017, 93, 1015-1023.	1.8	60
48	Staff Radiation Doses in Interventional Cardiology: Correlation With Patient Exposure. Pediatric Cardiology, 2009, 30, 409-413.	1.3	55
49	Diagnostic reference levels and complexity indices in interventional radiology: a national programme. European Radiology, 2016, 26, 4268-4276.	4.5	55
50	Radiation dose and image quality for paediatric interventional cardiology. Physics in Medicine and Biology, 2008, 53, 4049-4062.	3.0	53
51	Performance of several active personal dosemeters in interventional radiology and cardiology. Radiation Measurements, 2011, 46, 1266-1270.	1.4	53
52	A summary of recommendations for occupational radiation protection in interventional cardiology. Catheterization and Cardiovascular Interventions, 2013, 81, 562-567.	1.7	53
53	Deterministic Effects in Interventional Radiology. Radiation Protection Dosimetry, 2001, 94, 95-98.	0.8	52
54	Patient dose in digital mammography. Medical Physics, 2004, 31, 2471-2479.	3.0	51

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55	Patient doses from fluoroscopically guided cardiac procedures in pediatrics. Physics in Medicine and Biology, 2007, 52, 4749-4759.	3.0	50
56	Transition from Screen-Film to Digital Radiography: Evolution of Patient Radiation Doses at Projection Radiography. Radiology, 2007, 243, 461-466.	7.3	50
57	Occupational radiation exposure in the electrophysiology laboratory with a focus on personnel with reproductive potential and during pregnancy: A European Heart Rhythm Association (EHRA) consensus document endorsed by the Heart Rhythm Society (HRS). Europace, 2017, 19, 1909-1922.	1.7	50
58	Patient dosimetry in interventional radiology using slow films.. British Journal of Radiology, 1997, 70, 195-200.	2.2	49
59	Correlation of patient and staff doses in interventional cardiology. Radiation Protection Dosimetry, 2005, 117, 26-29.	0.8	49
60	Staff Doses in Interventional Radiology: A National Survey. Journal of Vascular and Interventional Radiology, 2012, 23, 1496-1501.	0.5	45
61	Patient dose values in a dedicated Greek cardiac centre. British Journal of Radiology, 2003, 76, 726-730.	2.2	42
62	ICRP recommendations on â€˜Managing patient dose in digital radiologyâ€™. Radiation Protection Dosimetry, 2005, 114, 126-130.	0.8	40
63	The American College of Radiology white paper on radiation dose in medicine:deep impact on the practice of cardiovascular imaging. Cardiovascular Ultrasound, 2007, 5, 37.	1.6	40
64	Image Retake Analysis in Digital Radiography Using DICOM Header Information. Journal of Digital Imaging, 2009, 22, 393-399.	2.9	40
65	Patient Radiation Dose Management in the Follow-Up of Potential Skin Injuries in Neuroradiology. American Journal of Neuroradiology, 2013, 34, 277-282.	2.4	40
66	An empirical function which relates the slope of the Ge(Li) efficiency curves and the active volume. Nuclear Instruments & Methods, 1975, 123, 573-574.	1.2	39
67	Radiation exposure as an occupational hazard. EuroIntervention, 2012, 8, 649-653.	3.2	39
68	Occupational dosimetry in real time. Benefits for interventional radiology. Radiation Measurements, 2011, 46, 1262-1265.	1.4	38
69	Medical imaging dose optimisation from ground up: expert opinion of an international summit. Journal of Radiological Protection, 2018, 38, 967-989.	1.1	38
70	Sustainability in the cardiac cath lab. International Journal of Cardiovascular Imaging, 2007, 23, 143-147.	1.5	37
71	Occupational dose constraints in interventional cardiology procedures: the DIMOND approach. Physics in Medicine and Biology, 2004, 49, 997-1005.	3.0	36
72	International project on individual monitoring and radiation exposure levels in interventional cardiology. Radiation Protection Dosimetry, 2011, 144, 437-441.	0.8	35

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73	Influence of dosemeter position for the assessment of eye lens dose during interventional cardiology. Radiation Protection Dosimetry, 2015, 164, 79-83.	0.8	35
74	Approaches to Establishing Reference Levels in Interventional Radiology. Radiation Protection Dosimetry, 2001, 94, 109-112.	0.8	34
75	Scatter and staff dose levels in paediatric interventional cardiology: a multicentre study. Radiation Protection Dosimetry, 2010, 140, 67-74.	0.8	34
76	Measurement of radiation doses in the most frequent simple examinations in paediatric radiology and its dependence on patient age. British Journal of Radiology, 1991, 64, 929-933.	2.2	33
77	Reference doses in dental radiodiagnostic facilities. British Journal of Radiology, 2001, 74, 153-156.	2.2	33
78	Realistic Approach to Estimate Lens Doses and Cataract Radiation Risk in Cardiology When Personal Dosimeters Have not Been Regularly Used. Health Physics, 2013, 105, 330-339.	0.5	33
79	Local patient dose diagnostic reference levels in pediatric interventional cardiology in Chile using age bands and patient weight values. Medical Physics, 2015, 42, 615-622.	3.0	33
80	Pilot program on patient dosimetry in pediatric interventional cardiology in Chile. Medical Physics, 2012, 39, 2424-2430.	3.0	32
81	Measurements of eye lens doses in interventional cardiology using OSL and electronic dosemeters. Radiation Protection Dosimetry, 2014, 162, 569-576.	0.8	32
82	Establishing the European diagnostic reference levels for interventional cardiology. Physica Medica, 2018, 54, 42-48.	0.7	32
83	Results of a European survey on patient doses in paediatric radiology. Radiation Protection Dosimetry, 2008, 129, 204-210.	0.8	31
84	RADIATION PROTECTION IN PEDIATRIC INTERVENTIONAL CARDIOLOGY: AN IAEA PILOT PROGRAM IN LATIN AMERICA. Health Physics, 2011, 101, 233-237.	0.5	31
85	Cumulative effective dose from recurrent CT examinations in Europe: proposal for clinical guidance based on an ESR EuroSafe Imaging survey. European Radiology, 2021, 31, 5514-5523.	4.5	30
86	Real-Time Measurement and Audit of Radiation Dose to Patients Undergoing Computed Radiography. Radiology, 2002, 225, 283-288.	7.3	29
87	Brain Radiation Doses to Patients in an Interventional Neuroradiology Laboratory. American Journal of Neuroradiology, 2014, 35, 1276-1280.	2.4	29
88	Estimation of staff lens doses during interventional procedures. Comparing cardiology, neuroradiology and interventional radiology. Radiation Protection Dosimetry, 2015, 165, 279-283.	0.8	29
89	Staff lens doses in interventional urology. A comparison with interventional radiology, cardiology and vascular surgery values. Journal of Radiological Protection, 2016, 36, 37-48.	1.1	29
90	Evaluation of the European image quality criteria for chest examinations. British Journal of Radiology, 1995, 68, 1349-1355.	2.2	28

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91	Influence of the antiscatter grid on dose and image quality in pediatric interventional cardiology Xâ€ray systems. Catheterization and Cardiovascular Interventions, 2013, 82, 51-57.	1.7	28
92	Radiation doses to paediatric patients undergoing micturating cystourethrography examinations and potential reduction by radiation protection optimization. British Journal of Radiology, 1995, 68, 291-295.	2.2	27
93	Practical aspects for the evaluation of skin doses in interventional cardiology using a new slow film. British Journal of Radiology, 2003, 76, 332-336.	2.2	27
94	A survey of patient dose and clinical factors in a full-field digital mammography system. Radiation Protection Dosimetry, 2005, 114, 375-379.	0.8	27
95	Training in radiological protection for interventionalists. Initial Spanish experience. British Journal of Radiology, 2003, 76, 217-219.	2.2	26
96	Radiation dose management systemsâ€"requirements and recommendations for users from the ESR EuroSafe Imaging initiative. European Radiology, 2021, 31, 2106-2114.	4.5	26
97	Patient doses in hysterosalpingography. British Journal of Radiology, 1996, 69, 751-754.	2.2	25
98	Status of NCRP Scientific Committee 1â€23 Commentary on Guidance on Radiation Dose Limits for the Lens of the Eye. Health Physics, 2016, 110, 182-184.	0.5	25
99	Radiation Doses in Patient Eye Lenses during Interventional Neuroradiology Procedures. American Journal of Neuroradiology, 2016, 37, 402-407.	2.4	25
100	Importance of a Patient Dosimetry and Clinical Follow-up Program in the Detection of Radiodermatitis After Long Percutaneous Coronary Interventions. CardioVascular and Interventional Radiology, 2013, 36, 330-337.	2.0	24
101	Strategies to optimise occupational radiation protection in interventional cardiology using simultaneous registration of patient and staff doses. Journal of Radiological Protection, 2018, 38, 1077-1088.	1.1	24
102	Image quality and dose in lumbar spine examinations: results of a 5 year quality control programme following the European quality criteria trial. British Journal of Radiology, 1995, 68, 1332-1335.	2.2	23
103	Green Zones in the Future of Urban Planning. Journal of the Urban Planning and Development Division, ASCE, 2004, 130, 94-100.	1.7	23
104	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.	1.5	23
105	The International Atomic Energy Agency action plan on radiation protection of patients and staff in interventional procedures: Achieving change in practice. Physica Medica, 2018, 52, 56-64.	0.7	23
106	European consensus on patient contact shielding. Insights Into Imaging, 2021, 12, 194.	3.4	23
107	Evaluation of risk of deterministic effects in fluoroscopically guided procedures. Radiation Protection Dosimetry, 2005, 117, 190-194.	0.8	22
108	Factors That Influence Radiation Dose in Percutaneous Coronary Intervention. Journal of Interventional Cardiology, 2006, 19, 237-244.	1.2	22

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109	Patient doses in paediatric interventional cardiology: impact of 3D rotational angiography. Journal of Radiological Protection, 2015, 35, 179-195.	1.1	22
110	The SENTINEL project. Radiation Protection Dosimetry, 2008, 129, 3-5.	0.8	21
111	Monte Carlo simulations in CT for the study of the surface air kerma and energy imparted to phantoms of varying size and position. Physics in Medicine and Biology, 2004, 49, 1439-1454.	3.0	20
112	Staff dosimetry in interventional cardiology: survey on methods and level of exposure. Radiation Protection Dosimetry, 2008, 129, 100-103.	0.8	20
113	Global view on radiation protection in medicine. Radiation Protection Dosimetry, 2011, 147, 3-7.	0.8	20
114	Implications in medical imaging of the new ICRP thresholds for tissue reactions. Annals of the ICRP, 2015, 44, 118-128.	3.8	20
115	Unintended and accidental medical radiation exposures in radiology: guidelines on investigation and prevention. Journal of Radiological Protection, 2017, 37, 883-906.	1.1	20
116	Does digital imaging decrease patient dose? A pilot study and review of the literature. Radiation Protection Dosimetry, 2005, 117, 204-210.	0.8	19
117	Comparison of Patient Dose in Two-Dimensional Carotid Arteriography and Three-Dimensional Rotational Angiography. CardioVascular and Interventional Radiology, 2008, 31, 477-482.	2.0	19
118	Estimation of doses to patients from â€œcomplexâ€•conventional X-ray examinations. British Journal of Radiology, 1991, 64, 539-546.	2.2	18
119	Automatic management system for dose parameters in interventional radiology and cardiology. Radiation Protection Dosimetry, 2011, 147, 325-328.	0.8	18
120	A national programme for patient and staff dose monitoring in interventional cardiology. Radiation Protection Dosimetry, 2011, 147, 57-61.	0.8	18
121	Should We Keep the Lead in the Aprons?. Techniques in Vascular and Interventional Radiology, 2018, 21, 2-6.	1.0	18
122	Patient dose management in digital radiography. Biomedical Imaging and Intervention Journal, 2007, 3, e26.	0.5	17
123	QA/acceptance testing of DEXA X-ray systems used in bone mineral densitometry. Radiation Protection Dosimetry, 2008, 129, 279-283.	0.8	17
124	Experience With Patient Dosimetry and Quality Control Online for Diagnostic and Interventional Radiology Using DICOM Services. American Journal of Roentgenology, 2013, 200, 783-790.	2.2	17
125	Occupational eye lens doses in interventional cardiology. A multicentric study. Journal of Radiological Protection, 2016, 36, 133-143.	1.1	17
126	Unintended and Accidental Exposures, Significant Dose Events and Trigger Levels in Interventional Radiology. CardioVascular and Interventional Radiology, 2020, 43, 1114-1121.	2.0	17

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127	Report of an image quality and dose audit according to directive 97/43/Euratom at Spanish private radiodiagnostics facilities.. British Journal of Radiology, 1999, 72, 186-192.	2.2	16
128	Physical image quality comparison of four types of digital detector for chest radiology. Radiation Protection Dosimetry, 2008, 129, 140-143.	0.8	16
129	The role of the biomedical physicist in the education of the healthcare professions: An EFOMP project. Physica Medica, 2009, 25, 133-140.	0.7	16
130	Organ and effective doses from paediatric interventional cardiology procedures in Chile. Physica Medica, 2017, 40, 95-103.	0.7	16
131	ICRP Special radiation protection issues in interventional radiology, digital and cardiac imaging. Radiation Protection Dosimetry, 2005, 117, 13-17.	0.8	15
132	A comprehensive SWOT audit of the role of the biomedical physicist in the education of healthcare professionals in Europe. Physica Medica, 2010, 26, 98-110.	0.7	15
133	Radiation dose and image quality for paediatric interventional cardiology systems. A national survey in Chile. Radiation Protection Dosimetry, 2011, 147, 429-438.	0.8	15
134	Dosimetric quantities and effective dose in medical imaging: a summary for medical doctors. Insights Into Imaging, 2021, 12, 99.	3.4	15
135	Excited levels of 233Pa by alpha decay of 237Np. Nuclear Physics A, 1979, 324, 126-140.	1.5	14
136	Preliminary safety evaluation of a cyclotron facility for positron emission tomography imaging. European Journal of Nuclear Medicine and Molecular Imaging, 1999, 26, 894-899.	6.4	14
137	Training and Accreditation in Radiation Protection for Interventional Radiology. Radiation Protection Dosimetry, 2001, 94, 137-142.	0.8	14
138	What are the clinical and technical factors that influence the kermaâ€“area product in percutaneous coronary intervention?. British Journal of Radiology, 2008, 81, 940-945.	2.2	14
139	Paediatric interventional cardiology: flat detector versus image intensifier using a test object. Physics in Medicine and Biology, 2010, 55, 7287-7297.	3.0	14
140	Roles and responsibilities of medical physicists in radiation protection. European Journal of Radiology, 2010, 76, 24-27.	2.6	14
141	Get Protected! Recommendations for Staff in IR. CardioVascular and Interventional Radiology, 2021, 44, 871-876.	2.0	14
142	Some indicative parameters on diagnostic radiology in Spain: first dose estimations. British Journal of Radiology, 1989, 62, 20-26.	2.2	13
143	Comparative study of dose values and image quality in mammography in the area of Madrid. British Journal of Radiology, 1994, 67, 556-563.	2.2	13
144	Evaluation of Tungsten and Lead Surgical Gloves for Radiation Protection. Health Physics, 1995, 68, 855-858.	0.5	13

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145	Pathological Effects of Pulmonary Vein beta-Radiation in a Swine Model. Journal of Cardiovascular Electrophysiology, 2006, 17, 662-669.	1.7	13
146	Criteria to optimise a dynamic flat detector system used for interventional radiology. Radiation Protection Dosimetry, 2008, 129, 261-264.	0.8	13
147	Very Late Mycotic Pseudoaneurysm Associated With Drug-Eluting Stent Fracture. Circulation, 2012, 125, 390-392.	1.6	13
148	A strategic development model for the role of the biomedical physicist in the education of healthcare professionals in Europe. Physica Medica, 2012, 28, 307-318.	0.7	13
149	Reducing Radiation, Revising Reference Levels. Journal of the American College of Radiology, 2015, 12, 214-216.	1.8	13
150	Image quality and patient dose for different screenâ€“film combinations. British Journal of Radiology, 1994, 67, 166-173.	2.2	12
151	A Method Based on DIMOND Quality Criteria to Evaluate Imaging in Diagnostic and Interventional Cardiology. Radiation Protection Dosimetry, 2001, 94, 167-172.	0.8	12
152	Quality criteria for cardiac images in diagnostic and interventional cardiology. British Journal of Radiology, 2001, 74, 852-855.	2.2	12
153	Estimation of the peak entrance surface air kerma for patients undergoing computed tomography-guided procedures. Radiation Protection Dosimetry, 2005, 114, 317-320.	0.8	12
154	Patient dosimetry and image quality in digital radiology from online audit of the X-ray system. Radiation Protection Dosimetry, 2005, 117, 199-203.	0.8	12
155	Survey on performance assessment of cardiac angiography systems. Radiation Protection Dosimetry, 2008, 129, 108-111.	0.8	12
156	Influence of Image Metrics When Assessing Image Quality from a Test Object in Cardiac X-ray Systems. Journal of Digital Imaging, 2011, 24, 331-338.	2.9	12
157	Updating national diagnostic reference levels for interventional cardiology and methodological aspects. Physica Medica, 2020, 70, 169-175.	0.7	12
158	Radiation Dose of Patients in Fluoroscopically Guided Interventions: an Update. CardioVascular and Interventional Radiology, 2021, 44, 842-848.	2.0	12
159	Harmonisation of imaging dosimetry in clinical practice: practical approaches and guidance from the ESR EuroSafe Imaging initiative. Insights Into Imaging, 2020, 11, 54.	3.4	12
160	Using KÎ²/KÎ± x-ray intensity ratios to obtain the efficiency curve of a planar Ge(Li) detector. The International Journal of Applied Radiation and Isotopes, 1979, 30, 271-273.	0.7	11
161	Results of the IAEA-CEC Co-ordinated Research Programme on Radiation Doses in Diagnostic Radiology and Methods for Reduction. Radiation Protection Dosimetry, 1995, 57, 95-99.	0.8	11
162	Doseâ€“area product values in frequently performed complex paediatric radiology examinations. British Journal of Radiology, 1996, 69, 160-164.	2.2	11

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163	Accreditation in radiation protection for cardiologists and interventionalists. Radiation Protection Dosimetry, 2005, 117, 69-73.	0.8	11
164	Mandatory Radiation Safety Training for Interventionalists: The European Perspective. Techniques in Vascular and Interventional Radiology, 2010, 13, 200-203.	1.0	11
165	Visual and numerical methods to measure patient skin doses in interventional procedures using radiochromic XR-RV2 films. Radiation Protection Dosimetry, 2011, 147, 94-98.	0.8	11
166	A set of patient and staff dose data for validation of Monte Carlo calculations in interventional cardiology. Radiation Protection Dosimetry, 2015, 165, 235-239.	0.8	11
167	Solitary naevus lipomatosus cutaneous superficialis on the sole. European Journal of Dermatology, 2008, 18, 353-4.	0.6	11
168	Skin dose and doseâ€“area product values in patients undergoing intracoronary brachytherapy. British Journal of Radiology, 2003, 76, 32-38.	2.2	10
169	Patient dosimetry in diagnostic and interventional radiology: a practical approach using trigger levels. Radiation Protection Dosimetry, 2005, 117, 166-168.	0.8	10
170	A pilot experience launching a national dose protocol for vascular and interventional radiology. Radiation Protection Dosimetry, 2008, 129, 46-49.	0.8	10
171	Quality control and patient dosimetry in digital radiology. On line system: new features and transportability. Radiation Protection Dosimetry, 2008, 129, 144-146.	0.8	10
172	Paediatric entrance doses from exposure index in computed radiography. Physics in Medicine and Biology, 2008, 53, 3365-3380.	3.0	10
173	A novel tool for user-friendly estimation of natural, diagnostic and professional radiation risk: Radio-Risk software. European Journal of Radiology, 2012, 81, 3563-3567.	2.6	10
174	Scatter radiation dose at the height of the operator's eye in interventional cardiology. Radiation Measurements, 2014, 71, 349-354.	1.4	10
175	Paediatric interventional cardiology in Costa Rica: diagnostic reference levels and estimation of population dose. Journal of Radiological Protection, 2018, 38, 218-228.	1.1	10
176	Conversion factors to estimate effective doses from kerma area product in interventional cardiology. Impact of added filtration. Physica Medica, 2019, 68, 104-111.	0.7	10
177	Occupational doses to the eye lens in pediatric and adult noncardiac interventional radiology procedures. Medical Physics, 2021, 48, 1956-1966.	3.0	10
178	Quality assurance of viewing boxes: proposal for establishing minimum requirements and results from a Spanish quality control programme. British Journal of Radiology, 1990, 63, 564-567.	2.2	9
179	Evolution of diagnostic radiology in a big hospital during a 5 year period, and the derived collective dose. British Journal of Radiology, 1993, 66, 892-898.	2.2	9
180	Importance of Dose Settings in the X-Ray Systems Used for Interventional Radiology: A National Survey. CardioVascular and Interventional Radiology, 2009, 32, 121-126.	2.0	9

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181	Evaluation of an automated FDG dose infuser to PET-CT patients. Radiation Protection Dosimetry, 2015, 165, 457-460.	0.8	9
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