FranÃ§ois Bochud

List of Publications by Year
in descending order

153 papers	5,329 citations	126907 33 h-index	95266 68 g-index
155 all docs	155 docs citations	155 times ranked	3704 citing authors

#	Article	IF	Citations
1	The Advantage of FLASH Radiotherapy Confirmed in Mini-pig and Cat-cancer Patients. Clinical Cancer Research, 2019, 25, 35-42.	7.0	430
2	Irradiation in a flash: Unique sparing of memory in mice after whole brain irradiation with dose rates above 100 Gy/s. Radiotherapy and Oncology, 2017, 124, 365-369.	0.6	410
3	Treatment of a first patient with FLASH-radiotherapy. Radiotherapy and Oncology, 2019, 139, 18-22.	0.6	406
4	Long-term neurocognitive benefits of FLASH radiotherapy driven by reduced reactive oxygen species. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10943-10951.	7.1	326
5	Clinical translation of FLASH radiotherapy: Why and how?. Radiotherapy and Oncology, 2019, 139, 11-17.	0.6	294
6	Image quality in CT: From physical measurements to model observers. Physica Medica, 2015, 31, 823-843.	0.7	190
7	Iterative reconstruction methods in two different MDCT scanners: Physical metrics and 4-alternative forced-choice detectability experiments â€" A phantom approach. Physica Medica, 2013, 29, 99-110.	0.7	167
8	CT radiation dose in children: a survey to establish age-based diagnostic reference levels in Switzerland. European Radiology, 2008, 18, 1980-1986.	4.5	149
9	Hypofractionated FLASH-RT as an Effective Treatment against Glioblastoma that Reduces Neurocognitive Side Effects in Mice. Clinical Cancer Research, 2021, 27, 775-784.	7.0	144
10	High doseâ€perâ€pulse electron beam dosimetry: Commissioning of the Oriatron eRT6 prototype linear accelerator for preclinical use. Medical Physics, 2018, 45, 863-874.	3.0	143
11	High doseâ€perâ€pulse electron beam dosimetry â€" A model to correct for the ion recombination in the Advanced Markus ionization chamber. Medical Physics, 2017, 44, 1157-1167.	3.0	141
12	Estimation of the noisy component of anatomical backgrounds. Medical Physics, 1999, 26, 1365-1370.	3.0	138
13	Statistical texture synthesis of mammographic images with super-blob lumpy backgrounds. Optics Express, 1999, 4, 33.	3.4	113
14	Quality Initiatives Radiation Risk: What You Should Know to Tell Your Patient. Radiographics, 2008, 28, 1807-1816.	3.3	110
15	Dosimetric and preparation procedures for irradiating biological models with pulsed electron beam at ultra-high dose-rate. Radiotherapy and Oncology, 2019, 139, 34-39.	0.6	92
16	Automated computer evaluation and optimization of image compression of x-ray coronary angiograms for signal known exactly detection tasks. Optics Express, 2003, 11, 460.	3.4	89
17	Model-based iterative reconstruction in pediatric chest CT: assessment of image quality in a prospective study of children with cystic fibrosis. Pediatric Radiology, 2013, 43, 558-567.	2.0	75
18	Paediatric cardiac CT examinations: impact of the iterative reconstruction method ASIR on image quality â€" preliminary findings. Pediatric Radiology, 2011, 41, 1154-1164.	2.0	65

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19	Major influencing factors of indoor radon concentrations in Switzerland. Journal of Environmental Radioactivity, 2014, 129, 7-22.	1.7	65
20	Evaluation of organ-specific peripheral doses after 2-dimensional, 3-dimensional and hybrid intensity modulated radiation therapy for breast cancer based on Monte Carlo and convolution/superposition algorithms: Implications for secondary cancer risk assessment. Radiotherapy and Oncology, 2013, 106, 33-41.	0.6	60
21	Comparison of lowâ€contrast detectability between two CT reconstruction algorithms using voxelâ€based 3D printed textured phantoms. Medical Physics, 2016, 43, 6497-6506.	3.0	55
22	A comparison of alpha and gamma spectrometry for environmental natural radioactivity surveys. Applied Radiation and Isotopes, 2008, 66, 215-222.	1.5	53
23	Commissioning of an ultraâ€high dose rate pulsed electron beam medical LINAC for FLASH RT preclinical animal experiments and future clinical human protocols. Medical Physics, 2021, 48, 3134-3142.	3.0	51
24	Evidence against solar influence on nuclear decay constants. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 281-286.	4.1	48
25	Variability of a peripheral dose among various linac geometries for second cancer risk assessment. Physics in Medicine and Biology, 2011, 56, 5131-5151.	3.0	46
26	Nodule detection in digital chest radiography: part of image background acting as pure noise. Radiation Protection Dosimetry, 2005, 114, 102-108.	0.8	45
27	Use of Dipicolinate-Based Complexes for Producing Ion-Imprinted Polystyrene Resins for the Extraction of Yttrium-90 and Heavy Lanthanide Cations. Chemistry - A European Journal, 2006, 12, 6852-6864.	3.3	43
28	Anthropogenic radionuclides in atmospheric air over Switzerland during the last few decades. Nature Communications, 2014, 5, 3030.	12.8	43
29	Objective assessment of low contrast detectability in computed tomography with Channelized Hotelling Observer. Physica Medica, 2016, 32, 76-83.	0.7	40
30	Retention half times in the skeleton of plutonium and 90Sr from above-ground nuclear tests: A retrospective study of the Swiss population. Chemosphere, 2010, 80, 519-524.	8.2	39
31	On decay constants and orbital distance to the Sunâ€"part I: alpha decay. Metrologia, 2017, 54, 1-18.	1.2	39
32	Comparison of ultra-high versus conventional dose rate radiotherapy in a patient with cutaneous lymphoma. Radiotherapy and Oncology, 2022, 174, 87-91.	0.6	39
33	EXPOSURE OF THE SWISS POPULATION BY MEDICAL X-RAYS. Health Physics, 2012, 102, 263-270.	0.5	38
34	Mammographic texture synthesis: second-generation clustered lumpy backgrounds using a genetic algorithm. Optics Express, 2008, 16, 7595.	3.4	37
35	A Practical Guide to Model Observers for Visual Detection in Synthetic and Natural Noisy Images. , 0, , 593-628.		37
36	On decay constants and orbital distance to the Sunâ€"part III: beta plus and electron capture decay. Metrologia, 2017, 54, 36-50.	1.2	32

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37	Modeling of geogenic radon in Switzerland based on ordered logistic regression. Journal of Environmental Radioactivity, 2017, 166, 376-381.	1.7	32
38	Semiautomatic Mammographic Parenchymal Patterns Classification Using Multiple Statistical Features. Academic Radiology, 2007, 14, 1486-1499.	2.5	30
39	Improved predictive mapping of indoor radon concentrations using ensemble regression trees based on automatic clustering of geological units. Journal of Environmental Radioactivity, 2015, 147, 51-62.	1.7	30
40	On decay constants and orbital distance to the Sunâ€"part II: beta minus decay. Metrologia, 2017, 54, 19-35.	1.2	29
41	Predictive analysis and mapping of indoor radon concentrations in a complex environment using kernel estimation: An application to Switzerland. Science of the Total Environment, 2015, 505, 137-148.	8.0	28
42	Implementation and validation of a beamâ€current transformer on a medical pulsed electron beam LINAC for FLASHâ€RT beam monitoring. Journal of Applied Clinical Medical Physics, 2021, 22, 165-171.	1.9	28
43	Absolute activity measurement of radon gas at IRA-METAS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 568, 752-759.	1.6	25
44	Dating young Holocene coastal sediments in tropical regions: Use of fallout 239,240Pu as alternative chronostratigraphic marker. Quaternary Geochronology, 2014, 22, 1-10.	1.4	25
45	Difference in performance between 3D and 4D CBCT for lung imaging: a dose and image quality analysis. Journal of Applied Clinical Medical Physics, 2016, 17, 97-106.	1.9	25
46	Determination of 161Tb half-life by three measurement methods. Applied Radiation and Isotopes, 2020, 159, 109085.	1.5	25
47	Simple Monte-Carlo method to calibrate well-type HPGe detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 569, 790-795.	1.6	22
48	An audit of diagnostic reference levels in interventional cardiology and radiology: are there differences between academic and non-academic centres?. Radiation Protection Dosimetry, 2012, 148, 74-82.	0.8	22
49	Image quality and dose in spiral computed tomography. European Radiology, 1996, 6, 485-8.	4.5	21
50	Comparison of calculated spectra for the interaction of photons in a liquid scintillator. Example of 54Mn 835keV emission. Applied Radiation and Isotopes, 2006, 64, 1471-1480.	1.5	21
51	The use of dose quantities in radiological protection: ICRP publication 147 Ann ICRP 50(1) 2021. Journal of Radiological Protection, 2021, 41, 410-422.	1.1	19
52	Technical note: Validation of an ultrahigh dose rate pulsed electron beam monitoring system using a current transformer for FLASH preclinical studies. Medical Physics, 2022, 49, 1831-1838.	3.0	19
53	A new measurement of the half-life of 166mHo. Applied Radiation and Isotopes, 2012, 70, 1990-1996.	1.5	18
54	Performance comparison of two commercial BGO-based PET/CT scanners using NEMA NU 2-2001. Medical Physics, 2007, 34, 2708-2717.	3.0	17

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55	A DGT Technique for Plutonium Bioavailability Measurements. Environmental Science & Technology, 2014, 48, 10829-10834.	10.0	17
56	Discrepancies between selected Pareto optimal plans and final deliverable plans in radiotherapy multi-criteria optimization. Radiotherapy and Oncology, 2016, 120, 346-348.	0.6	17
57	Modeling Visual Detection Tasks in Correlated Image Noise with Linear Model Observers. , 0, , 629-654.		17
58	CT Dose Optimization When Changing to CT Multi-Detector Row Technology. Current Problems in Diagnostic Radiology, 2007, 36, 176-184.	1.4	16
59	A critical evaluation of secondary cancer risk models applied to Monte Carlo dose distributions of 2-dimensional, 3-dimensional conformal and hybrid intensity-modulated radiation therapy for breast cancer. Physics in Medicine and Biology, 2014, 59, 4697-4722.	3.0	16
60	Eye-tracking of nodule detection in lung CT volumetric data. Medical Physics, 2015, 42, 2925-2932.	3.0	16
61	Optimization of Alanine Measurements for Fast and Accurate Dosimetry in FLASH Radiation Therapy. Radiation Research, 2020, 194, 573-579.	1.5	16
62	Calibration of dosemeters used in mammography with different X ray qualities: Euromet Project No. 526. Radiation Protection Dosimetry, 2004, 108, 33-45.	0.8	15
63	Standardisation of 18F by a coincidence method using full solid angle detectors. Applied Radiation and Isotopes, 2010, 68, 1309-1313.	1.5	15
64	Physical considerations on discrepancies in target volume delineation. Zeitschrift Fur Medizinische Physik, 2009, 19, 224-235.	1.5	14
65	Probing the Kinetic Parameters of Plutoniumâ€"Naturally Occurring Organic Matter Interactions in Freshwaters Using the Diffusive Gradients in Thin Films Technique. Environmental Science & Technology, 2016, 50, 5103-5110.	10.0	14
66	Objective comparison of highâ€contrast spatial resolution and lowâ€contrast detectability for various clinical protocols on multiple <scp>CT</scp> scanners. Medical Physics, 2017, 44, e153-e163.	3.0	14
67	Characteristics of very highâ€energy electron beams for the irradiation of deepâ€seated targets. Medical Physics, 2021, 48, 3958-3967.	3.0	14
68	Derivation of an Observer Model Adapted to Irregular Signals Based on Convolution Channels. IEEE Transactions on Medical Imaging, 2015, 34, 1428-1435.	8.9	12
69	Survey on image quality and dose levels used in Europe for mammography. British Journal of Radiology, 1996, 69, 762-768.	2.2	11
70	Effects of computing parameters and measurement locations on the estimation of 3D NPS in non-stationary MDCT images. Physica Medica, 2013, 29, 684-694.	0.7	11
71	Determination of 137Cs half-life with an ionization chamber. Applied Radiation and Isotopes, 2016, 118, 215-220.	1.5	11
72	Design of anthropomorphic textured phantoms for CT performance evaluation. Proceedings of SPIE, 2014, , .	0.8	10

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73	Ethical aspects in the use of radiation in medicine: update from ICRP Task Group 109. Annals of the ICRP, 2020, 49, 143-153.	3.8	10
74	Geant4-DNA Modeling of Water Radiolysis beyond the Microsecond: An On-Lattice Stochastic Approach. International Journal of Molecular Sciences, 2021, 22, 6023.	4.1	10
75	Measurement of the useful field of view for single slices of different imaging modalities and targets. Journal of Medical Imaging, 2020, 7, 1.	1.5	10
76	Calibration of an HPGe detector and self-attenuation correction for 210Pb: Verification by alpha spectrometry of 210Po in environmental samples. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 578, 515-522.	1.6	9
77	Set-up of a new TDCR counter at IRA-METAS. Applied Radiation and Isotopes, 2015, 97, 113-117.	1.5	9
78	On the stability of 3H and 63Ni Ultima Gold liquid scintillation sources. Applied Radiation and Isotopes, 2016, 118, 25-31.	1.5	9
79	PATIENT EXPOSURE OPTIMISATION THROUGH TASK-BASED ASSESSMENT OF A NEW MODEL-BASED ITERATIVE RECONSTRUCTION TECHNIQUE. Radiation Protection Dosimetry, 2016, 169, 68-72.	0.8	9
80	Fluoroscopy-guided procedures in cardiology: is patient exposure being reduced over time?. Radiation Protection Dosimetry, 2010, 139, 271-274.	0.8	8
81	OBJECTIVE TASK-BASED ASSESSMENT OF LOW-CONTRAST DETECTABILITY IN ITERATIVE RECONSTRUCTION. Radiation Protection Dosimetry, 2016, 169, 73-77.	0.8	8
82	A treatment planning comparison of contemporary photon-based radiation techniques for breast cancer. Physics and Imaging in Radiation Oncology, 2018, 7, 32-38.	2.9	8
83	Determination of 89Sr and 90Sr in fresh cow milk and raw urine using crystalline synthetic tunnel manganese oxides and layered metal sulfides. Analytica Chimica Acta, 2019, 1047, 267-274.	5.4	8
84	Dating human skeletal remains using 90Sr and 210Pb: Case studies. Forensic Science International, 2014, 234, 190.e1-190.e6.	2.2	7
85	Example of Monte Carlo uncertainty assessment in the field of radionuclide metrology. Metrologia, 2015, 52, S42-S50.	1.2	7
86	Impact of respiratory-correlated CT sorting algorithms on the choice of margin definition for free-breathing lung radiotherapy treatments. Radiotherapy and Oncology, 2016, 119, 438-443.	0.6	7
87	Assessment of low contrast detection in CT using model observers: Developing a clinically-relevant tool for characterising adaptive statistical and model-based iterative reconstruction. Zeitschrift Fur Medizinische Physik, 2017, 27, 86-97.	1.5	7
88	On the reverse micelle effect in liquid scintillation counting. Applied Radiation and Isotopes, 2017, 125, 94-107.	1.5	7
89	Analysis of the treatment plan evaluation process in radiotherapy through eye tracking. Zeitschrift Fur Medizinische Physik, 2018, 28, 318-324.	1.5	7
90	Fast digital $4\pi\beta-4\pi\gamma$ coincidence counting with offline analysis at IRA. Applied Radiation and Isotopes, 2018, 134, 329-336.	1.5	7

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91	Origin and stability of uranium accumulation-layers in an Alpine histosol. Science of the Total Environment, 2020, 727, 138368.	8.0	7
92	Novel DGT Configurations for the Assessment of Bioavailable Plutonium, Americium, and Uranium in Marine and Freshwater Environments. Analytical Chemistry, 2021, 93, 11937-11945.	6.5	7
93	Number of X-ray examinations performed on paediatric and geriatric patients compared with adult patients. Radiation Protection Dosimetry, 2007, 123, 402-408.	0.8	6
94	Determining the activity of 241Pu by liquid scintillation counting. Journal of Radioanalytical and Nuclear Chemistry, 2011, 289, 375-379.	1.5	6
95	210Po poisoning as possible cause of death: forensic investigations and toxicological analysis of the remains of Yasser Arafat. Forensic Science International, 2016, 259, 1-9.	2.2	6
96	A portable precision ionization chamber: The transfer ionization reference chamber. Applied Radiation and Isotopes, 2018, 134, 95-99.	1.5	6
97	In Regard to van Marlen etÂal. International Journal of Radiation Oncology Biology Physics, 2020, 107, 1012-1013.	0.8	6
98	Purification and activity standardisation of a 166mHo solution. Applied Radiation and Isotopes, 2008, 66, 900-904.	1.5	5
99	Potential benefit of the CT adaptive statistical iterative reconstruction method for pediatric cardiac diagnosis. Proceedings of SPIE, 2010, , .	0.8	5
100	Using a NPWE model observer to assess suitable image quality for a digital mammography quality assurance programme. Radiation Protection Dosimetry, 2010, 139, 459-462.	0.8	5
101	Swiss Population Exposure to Radiation by Interventional Radiology in 2008. Health Physics, 2012, 103, 317-321.	0.5	5
102	Stability of the Helical TomoTherapy HiÂ·Art II detector for treatment beam irradiations. Journal of Applied Clinical Medical Physics, 2014, 15, 119-127.	1.9	5
103	Speciation and Bioavailability Measurements of Environmental Plutonium Using Diffusion in Thin Films. Journal of Visualized Experiments, 2015, , e53188.	0.3	5
104	Calibration of the Politrack(R) system based on CR39 solid-state nuclear track detectors for passive indoor radon concentration measurements. Radiation Protection Dosimetry, 2015, 167, 302-305.	0.8	5
105	Evidence of plutonium bioavailability in pristine freshwaters of a karst system of the Swiss Jura Mountains. Geochimica Et Cosmochimica Acta, 2017, 206, 30-39.	3.9	5
106	Determination of the effective dose delivered by image guided radiotherapy in head & neck and breast treatments. Zeitschrift Fur Medizinische Physik, 2018, 28, 276-285.	1.5	5
107	Activity standardisation of 161Tb. Applied Radiation and Isotopes, 2020, 166, 109411.	1.5	5
108	European Survey of Image Quality Assessment Methods Used in Mammography. Radiation Protection Dosimetry, 1998, 80, 73-76.	0.8	4

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109	Calibration and testing of a TLD dosemeter for area monitoring. Radiation Protection Dosimetry, 2004, 110, 705-710.	0.8	4
110	Activity measurements of 18F and 90Y with commercial radionuclide calibrators for nuclear medicine in Switzerland. Applied Radiation and Isotopes, 2010, 68, 1388-1391.	1.5	4
111	Criteria for establishing shielding of multi-detector computed tomography (MDCT) rooms. Radiation Protection Dosimetry, 2010, 139, 403-409.	0.8	4
112	Calibration of surface contamination monitors for the detection of iodine incorporation in the thyroid gland. Radiation Protection Dosimetry, 2011, 144, 505-509.	0.8	4
113	3D noise power spectrum applied on clinical MDCT scanners: effects of reconstruction algorithms and reconstruction filters. Proceedings of SPIE, 2011, , .	0.8	4
114	Comment on The human sex odds at birth after the atmospheric atomic bomb tests, after Chernobyl, and in the vicinity of nuclear facilities, Hagen Scherb & Kristina Voigt Environ, Sci Pollut Res (2011) 18:697â€"707. Environmental Science and Pollution Research, 2012, 19, 2456-2459.	5.3	4
115	Implementation of Tomo<scp>EDGE</scp> in the independent dose calculator CheckTomo. Journal of Applied Clinical Medical Physics, 2017, 18, 92-99.	1.9	4
116	A clinical distance measure for evaluating treatment plan quality difference with Pareto fronts in radiotherapy. Physics and Imaging in Radiation Oncology, 2017, 3, 53-56.	2.9	4
117	Detecting intake of radionuclides: In vivo screening measurements with conventional radiation protection instruments. Radiation Measurements, 2019, 122, 126-132.	1.4	4
118	Use of portable gamma spectrometers for triage monitoring following the intake of conventional and novel radionuclides. Radiation Measurements, 2020, 136, 106426.	1.4	4
119	Determination of the gamma and X-ray emission intensities of erbium-169. Applied Radiation and Isotopes, 2021, 176, 109823.	1.5	4
120	Passive Sampling Tool for Actinides in Spent Nuclear Fuel Pools. ACS Omega, 2022, 7, 20053-20058.	3.5	4
121	Determination of 226Ra at low levels in environmental, urine, and human bone samples and 223Ra in bone biopsy using alpha-spectrometry and metrological traceability to 229Th/225Ra or 226Ra. Analytica Chimica Acta, 2018, 1031, 178-184.	5.4	3
122	Exploration of clinical preferences in treatment planning of radiotherapy for prostate cancer using Pareto fronts and clinical grading analysis. Physics and Imaging in Radiation Oncology, 2020, 14, 82-86.	2.9	3
123	Detailed study of the distribution of activation inside the magnet coils of a compact PET cyclotron. Applied Radiation and Isotopes, 2021, 168, 109446.	1.5	3
124	Determination of the gamma and X-ray emission intensities of terbium-161. Applied Radiation and Isotopes, 2021, 174, 109770.	1.5	3
125	Ion-imprinted resin for use in an automated solid phase extraction system for determining 90Sr in environmental and human samples. Journal of Radioanalytical and Nuclear Chemistry, 0, , 1.	1.5	3
126	Ytterbium-175 half-life determination. Applied Radiation and Isotopes, 2021, 176, 109893.	1.5	3

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127	Validation of Monte Carlo dose calculation algorithm for CyberKnife multileaf collimator. Journal of Applied Clinical Medical Physics, 2021, , .	1.9	3
128	Bioavailable actinide fluxes to the Irish Sea from Sellafield-labelled sediments. Water Research, 2022, 221, 118838.	11.3	3
129	Seven years of gamma-ray spectrometry interlaboratory comparisons in Switzerland. Applied Radiation and Isotopes, 2010, 68, 1256-1260.	1.5	2
130	Preliminary beta spectrum measurements using a magnetic spectrometer. Applied Radiation and Isotopes, 2014, 87, 310-314.	1.5	2
131	Development, design and validation of solid reference samples. Applied Radiation and Isotopes, 2014, 87, 480-484.	1.5	2
132	Design, fabrication, and implementation of voxel-based 3D printed textured phantoms for task-based image quality assessment in CT. Proceedings of SPIE, 2016, , .	0.8	2
133	Development and validation of a double focalizing magnetic spectrometer for beta spectrum measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 942, 162384.	1.6	2
134	Retrospective analysis of the impact of respiratory motion in treatment margins for frameless lung SBRT based on respiratoryâ€correlated CBCT dataâ€sets. Journal of Applied Clinical Medical Physics, 2020, 21, 170-178.	1.9	2
135	Impact of the phantom geometry on the evaluation of the minimum detectable activity following a radionuclide intake: From physical to numerical phantoms. Radiation Measurements, 2020, 139, 106485.	1.4	2
136	Activity standardisation of 223Ra. Applied Radiation and Isotopes, 2021, 174, 109788.	1.5	2
137	Breakâ€even dose level for hypofractionated treatment schedules. Medical Physics, 2021, 48, 7534-7540.	3.0	2
138	Comparison of Subjective and Objective Evaluation of Screen-Film Systems for Chest Radiography. Radiation Protection Dosimetry, 1998, 80, 265-268.	0.8	1
139	Measurement of Human-observer Responses With a 2-AFC Experiment. Zeitschrift Fur Medizinische Physik, 1999, 9, 48-54.	1.5	1
140	Comment faire fonctionner un institut universitaire en service dâ€™intervention radiologique ?. Radioprotection, 2011, 46, 359-371.	1.0	1
141	BENCHMARKING OF CT FOR PATIENT EXPOSURE OPTIMISATION. Radiation Protection Dosimetry, 2016, 169, 78-83.	0.8	1
142	Model of ambient dose equivalent for radium contamination: Dependence on the geometry of the source. Journal of Environmental Radioactivity, 2018, 192, 698-708.	1.7	1
143	Evaluation of digital pulse processing techniques for a Î²-Î³ coincidence counting system. Applied Radiation and Isotopes, 2020, 159, 109100.	1.5	1
144	TH-D-352-07: Absolute Dose Determination of Helical Tomotherapy: Comparison Between Several Methods. Medical Physics, 2008, 35, 2995-2995.	3.0	1

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145	Volume Rendering Techniques Applied to Magnetic Resonance Angiography. Zeitschrift Fur Medizinische Physik, 1994, 4, 41-45.	1.5	0
146	La protection ABCN en Suisse, 10 ans de coordination. Radioprotection, 2016, 51, 11-17.	1.0	0
147	WE—E—332—01: A Unified Dose Indicator for Tomographic Acquisition Modalities. Medical Physics, 2008, 35, 2957-2957.	3.0	0
148	SU—GG—T—422: Evaluation of the Variability in Peripheral Dose between Different Linacs for 6MV Beams and Comparison with an Existing Monte Carlo Linac Model. Medical Physics, 2010, 37, 3283-3283.	3.0	0
149	SU-E-T-46: Evaluation of Different Cancer Risk Models on Second Cancer Risk Calculation for Conventional Breast Cancer Radiation Therapy. Medical Physics, 2011, 38, 3496-3496.	3.0	0
150	TU-E-103-01: Image Quality Models in Advanced CT Applications. Medical Physics, 2013, 40, 449-450.	3.0	0
151	SU-C-141-05: Impact of Respiratory-Correlated CT Reconstruction Algorithms in the Choice of Margin Definition for Free Breathing Lung Treatment. Medical Physics, 2013, 40, 92-92.	3.0	0
152	A resampling comparison of CHO's detectability index bias and uncertainty. , 2018, , .		0
153	Radionuclides in the Environment in Switzerland: A Retrospective Study of Transfer from Soil to the Human Body. Chimia, 2020, 74, 984-988.	0.6	0