

# Kimberlee J Kearfott

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6557775/publications.pdf>

Version: 2024-02-01

147  
papers

1,625  
citations

361296

20  
h-index

414303

32  
g-index

149  
all docs

149  
docs citations

149  
times ranked

1059  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radon-222 Charcoal Canister Steady State Model Calibrations Performed in a Highly Controlled Environmental Chamber and a Natural Indoor Environment. <i>Health Physics</i> , 2022, 123, 248-256.	0.3	3
2	Preliminary Experiences with the Rexion UL-320-FDR: An Automated Thermoluminescent Dosimeter Reader with Removable Contact Heating Planchets and an Infrared Temperature Feedback System. <i>Health Physics</i> , 2021, 120, 463-471.	0.3	1
3	Analysis of Long-Term Quality Control Data for a <sup>137</sup> Cs Dosimetry Calibration Source. <i>Health Physics</i> , 2021, 120, 227-242.	0.3	2
4	Radon Kinetics in a Basement Space Measured with Different Devices. <i>Health Physics</i> , 2021, 120, 582-588.	0.3	3
5	Preliminary Thermoluminescent Dosimeter Glow Curve Analysis with Automated Glow Peak Identification for LiF:Mg,Ti. <i>Health Physics</i> , 2021, 121, 124-132.	0.3	0
6	Radiation Mapping for an Unmanned Aerial Vehicle: Development and Simulated Testing of Algorithms for Source Mapping and Navigation Path Generation. <i>Health Physics</i> , 2021, 120, 321-338.	0.3	3
7	Experimental study of the effect of seepage on radon exhalation in circular tubular porous emanation media. <i>Indoor and Built Environment</i> , 2020, 29, 701-710.	1.5	6
8	Evaluation of public dose from FHR tritium release with consideration of meteorological uncertainties. <i>Science of the Total Environment</i> , 2020, 709, 136085.	3.9	12
9	Radon measurements with a compact, organic-scintillator-based alpha/beta spectrometer. <i>Radiation Measurements</i> , 2020, 137, 106428.	0.7	8
10	Design and Characterization of an Extremely-Sensitive, Large-Volume Gamma-Ray Spectrometer for Environmental Samples. <i>Health Physics</i> , 2020, 119, 252-260.	0.3	2
11	No flow meter method for measuring radon exhalation from the medium surface with a ventilation chamber. <i>Applied Radiation and Isotopes</i> , 2020, 166, 109328.	0.7	5
12	Evaluation of <sup>222</sup> Rn and <sup>220</sup> Rn discriminating concentration measurements with pinhole-based twin cup dosimeters using computational fluid dynamics simulations. <i>Radiation Measurements</i> , 2020, 134, 106369.	0.7	0
13	Review of Sterilization Techniques for Medical and Personal Protective Equipment Contaminated With SARS-CoV-2. <i>IEEE Access</i> , 2020, 8, 111347-111354.	2.6	36
14	Experimental study of dependence on humidity and flow rate for a modified flowthrough radon source. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 324, 673-680.	0.7	3
15	Quantification of elemental composition of Granite Gneiss collected from Neelum Valley using calibration free laser-induced breakdown and energy-dispersive X-ray spectroscopy. <i>Journal of Radiation Research and Applied Sciences</i> , 2020, 13, 362-372.	0.7	7
16	Radon kinetics in a natural indoor radon chamber. <i>Science of the Total Environment</i> , 2020, 734, 139167.	3.9	13
17	Use of an Imaging Spectrometer for Characterization of a Cesium Dosimeter Calibration Facility. <i>Health Physics</i> , 2020, 118, 462-469.	0.3	3
18	Experimental study of the effect of water level and wind speed on radon exhalation of uranium tailings from heap leaching uranium mines. <i>Environmental Science and Pollution Research</i> , 2019, 26, 25702-25711.	2.7	9

#	ARTICLE	IF	CITATIONS
19	Automated anomalous behaviour detection in soil radon gas prior to earthquakes using computational intelligence techniques. <i>Journal of Environmental Radioactivity</i> , 2019, 203, 48-54.	0.9	34
20	Calibration and Statistical Performance of Al <sub>2</sub> O <sub>3</sub> :C Optically Stimulated Luminescent Dosimeters With and Without Annealing Using a <sup>137</sup> Cs Source. <i>Health Physics</i> , 2019, 116, 42-59.	0.3	3
21	Design of a Do-It-Yourself Geiger-Muller Counter With Smartphone Mapping Application. <i>Health Physics</i> , 2019, 117, 84-98.	0.3	1
22	Intercomparison of Commercially Available Active Radon Measurement Devices in a Discovered Radon Chamber. <i>Health Physics</i> , 2019, 116, 852-861.	0.3	9
23	The Effects of Radiation and Emitted Light Transport on the Positional Response of 11 cm $\bar{A}$ – 42.5 cm $\bar{A}$ – 5.5 cm NaI(Tl) Detectors. <i>Health Physics</i> , 2019, 117, 362-377.	0.3	2
24	Energy-dependent etching-related impacts on CR-39 alpha detection efficiency for the Rn-222 and Rn-220 decay chains. <i>Journal of Instrumentation</i> , 2018, 13, T04005-T04005.	0.5	3
25	Temporal Fluctuations in Indoor Background Gamma Radiation Using NaI(Tl). <i>Health Physics</i> , 2018, 114, 360-372.	0.3	9
26	Practical Considerations for Gamma Ray Spectroscopy with NaI(Tl). <i>Health Physics</i> , 2018, 114, 94-106.	0.3	12
27	Medical Professional Radiation Dosimeter Usage: Reasons for Noncompliance. <i>Health Physics</i> , 2018, 115, 646-651.	0.3	9
28	A Radiation Weather Station: Development of a Continuous Monitoring System for the Collection, Analysis, and Display of Environmental Radiation Data. <i>Health Physics</i> , 2018, 115, 590-599.	0.3	7
29	Residual Optically Stimulated Luminescent (OSL) Signals for Al <sub>2</sub> O <sub>3</sub> :C and a Readout System With Reproducible Partial Signal Clearance. <i>Health Physics</i> , 2018, 115, 561-568.	0.3	4
30	Setup and Characterization of a <sup>137</sup> Cs Dosimetry Calibration Source in a Space-constrained Environment. <i>Health Physics</i> , 2018, 115, 569-580.	0.3	5
31	Prediction of radon removal efficiency for a flow-through activated charcoal system and radon mitigation characteristics. <i>Radiation Measurements</i> , 2018, 119, 112-120.	0.7	9
32	A review of radon measurement studies with nuclear track detectors (NTDs) in Azad Kashmir. <i>Indoor and Built Environment</i> , 2017, 26, 447-455.	1.5	3
33	Investigation of Optically Stimulated Luminescence and Signal Fading Properties of Several Materials. <i>Health Physics</i> , 2017, 112, 560-577.	0.3	3
34	Imaging of Gamma-ray Scatter from a Polymethyl-methacrylate Phantom Using a Compton Imaging Spectrometer. <i>Health Physics</i> , 2017, 113, 135-142.	0.3	2
35	Design of Interrogation Protocols for Radiation Dose Measurements Using Optically-Stimulated Luminescent Dosimeters. <i>Health Physics</i> , 2017, 112, 237-245.	0.3	5
36	<sup>137</sup> Cs Dosimeter Irradiation Facilities. <i>Health Physics</i> , 2017, 112, 357-363.	0.3	7

#	ARTICLE	IF	CITATIONS
37	An Efficient, Affordable Optically Stimulated Luminescent (OSL) Annealer. <i>Health Physics</i> , 2017, 113, 2-12.	0.3	4
38	A study of diurnal and short-term variations of indoor radon concentrations at the University of Michigan, USA and their correlations with environmental factors. <i>Indoor and Built Environment</i> , 2017, 26, 1051-1061.	1.5	27
39	Quantification of Non-Linear Dynamics and Chaos of Ambient Particulate Matter Concentrations in Muzaffarabad City. <i>Aerosol and Air Quality Research</i> , 2017, 17, 849-856.	0.9	6
40	A simple design concept for elimination of the impact of humidity on radon measurements using electrostatic collection. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 2303-2308.	1.9	0
41	Experimental verification of a method to create a variable energy neutron beam from a monoenergetic, isotropic source using neutron elastic scatter and time of flight. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 827, 95-101.	0.7	2
42	Time series analysis and risk assessment of domestic radon: Data collected in dwellings along fault lines. <i>Indoor and Built Environment</i> , 2016, 25, 397-406.	1.5	9
43	Improvements to an explosives detection algorithm based on active neutron interrogation using statistical modeling. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 308, 623-630.	0.7	1
44	Use of a geographic information system (GIS) for targeting radon screening programs in South Dakota. <i>Journal of Radiation Research</i> , 2016, 57, 84-90.	0.8	5
45	Layered shielding design for an active neutron interrogation system. <i>Radiation Physics and Chemistry</i> , 2016, 125, 69-74.	1.4	7
46	Equilibration correction of temporal measurements for sudden <sup>222</sup> Rn concentration changes. <i>Journal of Instrumentation</i> , 2016, 11, T02002-T02002.	0.5	0
47	Evaluation of a flag-based explosives detection algorithm based on active neutron interrogation for use in sea land cargo containers. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 605-617.	0.7	2
48	False-Positive Radioiodine Scans in Thyroid Cancer. , 2016, , 185-204.		1
49	Soil gas radon mapping of Muzaffarabad city, Pakistan. <i>Nuclear Technology and Radiation Protection</i> , 2016, 31, 291-298.	0.3	4
50	Dose response linearity and practical factors influencing minimum detectable dose for various thermoluminescent detector types. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 1711.	0.7	2
51	Optically Stimulated Luminescence Dosimetry: An Introduction. <i>Solid State Phenomena</i> , 2015, 238, 161-173.	0.3	3
52	Parametric Study of Time-Dependent Corrosion Product Activity due to <sup>56</sup> Mn, <sup>58</sup> Co, and <sup>60</sup> Co in the Primary Coolant Circuit of a Typical Pressurized Water Reactor. <i>Journal of Chemistry</i> , 2015, 2015, 1-10.	0.9	2
53	An affordable optically stimulated luminescent dosimeter reader utilizing multiple excitation wavelengths. <i>Applied Radiation and Isotopes</i> , 2015, 104, 87-99.	0.7	5
54	The optically stimulated luminescence (OSL) properties of LiF:Mg,Tl, Li <sub>2</sub> B <sub>4</sub> O <sub>7</sub> :Cu, CaSO <sub>4</sub> :Tm, and CaF <sub>2</sub> :Mn thermoluminescent (TL) materials. <i>Applied Radiation and Isotopes</i> , 2015, 99, 155-161.	0.7	28

#	ARTICLE	IF	CITATIONS
55	Novel method for estimation of the indoor-to-outdoor airborne radioactivity ratio following the Fukushima Daiichi Nuclear Power Plant accident. <i>Science of the Total Environment</i> , 2015, 536, 25-30.	3.9	1
56	Influence of environmental factors on indoor radon concentration levels in the basement and ground floor of a building – A case study. <i>Radiation Measurements</i> , 2015, 82, 52-58.	0.7	63
57	Doses to LiF:Mg,Ti chips encapsulated in plastic extremity rings as a result of radon gas exposure. <i>Journal of Radiological Protection</i> , 2015, 35, 265-270.	0.6	3
58	Sorting a large set of heavily used LiF:Mg,Ti thermoluminescent detectors into repeatable subsets of similar response. <i>Applied Radiation and Isotopes</i> , 2015, 95, 180-187.	0.7	5
59	Radon dispersion modeling and dose assessment for uranium mine ventilation shaft exhausts under neutral atmospheric stability. <i>Journal of Environmental Radioactivity</i> , 2014, 129, 57-62.	0.9	15
60	A review of conventional explosives detection using active neutron interrogation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 301, 629-639.	0.7	46
61	Simulations for Developing a Flag-Based Active Neutron Interrogation Method for Explosives Detection in Sea-Land Cargo Containers. <i>Nuclear Technology</i> , 2014, 188, 97-111.	0.7	6
62	Intercomparison of environmental gamma doses measured with a NaI(Tl) survey meter and thermoluminescent dosimeters (TLDs) in the Poonch division of Azad Kashmir, Pakistan. <i>Biomedical and Environmental Sciences</i> , 2014, 27, 969-72.	0.2	0
63	Modeling and experimental validation of the dispersion of <sup>222</sup> Rn released from a uranium mine ventilation shaft. <i>Atmospheric Environment</i> , 2012, 60, 453-459.	1.9	16
64	Effects of high ambient temperature on glow-peak fading properties of LiF:Mg,Ti thermoluminescent dosimeters. <i>Radiation Protection Dosimetry</i> , 2012, 149, 109-115.	0.4	8
65	The effects of high ambient radon on thermoluminescence dosimetry readings. <i>Radiation Protection Dosimetry</i> , 2011, 147, 491-497.	0.4	10
66	Comparison of I-131 Radioimmunotherapy Tumor Dosimetry: Unit Density Sphere Model Versus Patient-Specific Monte Carlo Calculations. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2011, 26, 615-621.	0.7	24
67	Use of Multiple Layers of Repeating Material to Effectively Collimate an Isotropic Neutron Source. <i>Nuclear Technology</i> , 2011, 176, 395-413.	0.7	8
68	APPLICATION OF AN EQUILIBRIUM-BASED MODEL FOR DIFFUSION BARRIER CHARCOAL CANISTERS IN A SMALL VOLUME NON-STEADY STATE RADON CHAMBER. <i>Health Physics</i> , 2011, 100, 138-147.	0.3	8
69	METHOD OF ESTIMATING LIFETIME CANCER RISK DUE TO CHRONIC RADIONUCLIDE INTAKE. <i>Health Physics</i> , 2011, 100, 167-175.	0.3	2
70	An Integrated System for the Beta, Gamma, and Neutron Calibration and Storage of Thermoluminescent Dosimeters for a Research Laboratory. <i>Health Physics</i> , 2011, 100, S43-S49.	0.3	15
71	COMPARISON OF METHODS OF ESTIMATION OF LIFETIME CANCER RISK DUE TO CHRONIC EXPOSURE TO TRANSURANICS. <i>Health Physics</i> , 2011, 101, 693-702.	0.3	0
72	An Intercomparison Study of Simultaneous Radon Measurements Using Two Separate Radon Screening Tests Under As-Deployed Conditions. <i>Health Physics</i> , 2011, 100, S13-S20.	0.3	2

#	ARTICLE	IF	CITATIONS
73	Quantification of Various Factors Influencing the Precision of Thermoluminescent Detector Calibrations for New and Used Chip Sets. Health Physics, 2011, 100, S79-S91.	0.3	16
74	Simplified Simulation of Fast Neutron Scattering for an Explosives Detection Application. Nuclear Science and Engineering, 2011, 168, 278-286.	0.5	9
75	Reproducibility of glow peak fading characteristics of thermoluminescent dosimeters. Radiation Measurements, 2011, 46, 319-322.	0.7	14
76	A computerized glow curve analysis (GCA) method for WinREMS thermoluminescent dosimeter data using MATLAB. Applied Radiation and Isotopes, 2011, 69, 1282-1286.	0.7	21
77	Simulation of a method for determining one-dimensional <sup>137</sup> Cs distribution using multiple gamma spectroscopic measurements with an adjustable cylindrical collimator and center shield. Applied Radiation and Isotopes, 2011, 69, 790-802.	0.7	10
78	A method for determining the analytical form of a radionuclide depth distribution using multiple gamma spectrometry measurements. Journal of Environmental Radioactivity, 2011, 102, 581-588.	0.9	6
79	A NUMERICAL METHOD FOR THE CALIBRATION OF IN SITU GAMMA RAY SPECTROSCOPY SYSTEMS. Health Physics, 2010, 98, 657-671.	0.3	7
80	An Equilibrium-Based Model for Measuring Environmental Radon Using Charcoal Canisters. Health Physics, 2010, 99, S154-S163.	0.3	7
81	Performance of Vintage Direct Reading Pocket Ionization Chambers. Health Physics, 2010, 98, S56-S62.	0.3	5
82	The Detection of Explosive Materials: Review of Considerations and Methods. Nuclear Technology, 2010, 172, 325-334.	0.7	24
83	Characterization of the glow-peak fading properties of six common thermoluminescent materials. Applied Radiation and Isotopes, 2010, 68, 1988-2000.	0.7	44
84	EVALUATION OF TOTAL EFFECTIVE DOSE DUE TO CERTAIN ENVIRONMENTALLY PLACED NATURALLY OCCURRING RADIOACTIVE MATERIALS USING A PROCEDURAL ADAPTATION OF RESRAD CODE. Health Physics, 2009, 97, 50-67.	0.3	9
85	A Method for the Quantitative Gamma Spectroscopic Analysis of an Unusually Shaped Unknown Source. Health Physics, 2009, 96, S31-S36.	0.3	1
86	Calibration Drift in a Laboratory High Purity Germanium Detector Spectrometry System. Health Physics, 2008, 94, S27-S33.	0.3	4
87	Design and Simulation of a Neutron Facility. Health Physics, 2007, 92, S37-S44.	0.3	2
88	Simulation, Design, and Construction of a <sup>137</sup> Cs Irradiation Facility. Health Physics, 2007, 92, S78-S86.	0.3	16
89	Preliminary simulations in the use of fast neutrons to detect explosives hidden in cargo containers. , 2007, , .		0
90	The sunlight OSL response of a commercially available $\hat{\pm}$ -Al <sub>2</sub> O <sub>3</sub> :C personnel dosimetry material. Radiation Protection Dosimetry, 2006, 119, 344-349.	0.4	16

#	ARTICLE	IF	CITATIONS
91	False-Positive Radioiodine Scans in Thyroid Cancer. , 2006, , 179-198.		1
92	Design of an Inexpensive, Flexible, Shielded Cave for Environmental Radioactivity Measurements. Health Physics, 2005, 88, S110-S114.	0.3	6
93	The University of Michigan Student Health Physics Society's Radiation and Health Physics World Wide Web Site. Health Physics, 2005, 88, S115-S120.	0.3	1
94	A Simple Radon Chamber for Educational Use. Health Physics, 2005, 89, S78-S84.	0.3	9
95	An Evaluation of the Kearny Fallout Meter (KFM), a Radiation Detector Constructed From Commonly Available Household Materials. Health Physics, 2004, 87, S52-S57.	0.3	1
96	ICRU Report 67: Absorbed-Dose Specification in Nuclear Medicine,. Health Physics, 2003, 85, 113.	0.3	2
97	Magnetic Resonance Procedures: Health Effects and Safety,. Health Physics, 2003, 85, 117-118.	0.3	0
98	A COMPARISON OF TRANSIENT DOSE MODEL PREDICTIONS AND EXPERIMENTAL MEASUREMENTS. Health Physics, 2002, 83, 504-511.	0.3	5
99	Demonstration of a collimated in situ method for determining depth distributions using $^{137}\text{Cs}$ -ray spectrometry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 482, 814-831.	0.7	14
100	An improved in situ method for determining depth distributions of gamma-ray emitting radionuclides. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 463, 393-412.	0.7	21
101	Computer-Based Radiation Safety Training for Hospital Radiation Workers. Health Physics, 2000, 78, S4-S8.	0.3	4
102	Accounting for $^{222}\text{Rn}$ loss during oven drying for the immediate laboratory gamma-ray spectroscopy of collected soil samples. Applied Radiation and Isotopes, 2000, 52, 271-287.	0.7	8
103	Numerical simulation of a TLD pulsed laser-heating scheme for determination of shallow dose and deep dose in low-LET radiation fields. Applied Radiation and Isotopes, 2000, 52, 1419-1429.	0.7	2
104	Artifacts, anatomical and physiological variants, and unrelated diseases that might cause false-positive whole-body $^{131}\text{I}$ scans in patients with thyroid cancer. Seminars in Nuclear Medicine, 2000, 30, 115-132.	2.5	139
105	Criticality dosimetry using a sulfur disk and a priori neutron spectral knowledge. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 422, 626-628.	0.7	0
106	Effects of neutron source selection on land-mine detection efficiency. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 422, 914-917.	0.7	12
107	A COMPARISON OF MINIMUM DETECTABLE AND PROPOSED MAXIMUM ALLOWABLE SOIL CONCENTRATION CLEANUP LEVELS FOR SELECTED RADIONUCLIDES. Health Physics, 1999, 76, 413-417.	0.3	7
108	Effects of Intake Function Shape on Internal Dose Estimations. Health Physics, 1998, 75, 77-85.	0.3	0



#	ARTICLE	IF	CITATIONS
109	Automated analysis of the American College of Radiology mammographic accreditation phantom images. <i>Medical Physics</i> , 1997, 24, 709-723.	1.6	28
110	A new approach to film dosimetry for high energy photon beams: Lateral scatter filtering. <i>Medical Physics</i> , 1997, 24, 775-783.	1.6	70
111	Lost Life Expectancy Rate. <i>Health Physics</i> , 1997, 73, 312-319.	0.3	5
112	Comparison of in Situ and Laboratory Gamma Spectroscopy of Natural Radionuclides in Desert Soil. <i>Health Physics</i> , 1997, 73, 350-361.	0.3	13
113	A Comparison of Values of Annual Limits on Intake Presented in ICRP 61 and 10 CFR Part 20. <i>Health Physics</i> , 1996, 70, 552-555.	0.3	0
114	<title>Performance of low-voltage phosphors in emissive flat panel displays for radiologic applications</title>. , 1996, 2707, 312.		2
115	An atlas of selected beta-ray spectra and depth-dose distributions in lithium fluoride and soft tissue generated by a fast Monte Carlo-based sampling method. <i>Radiation Physics and Chemistry</i> , 1996, 48, 719-725.	1.4	3
116	A Limited Bibliography of the Federal Government-Funded Human Radiation Experiments. <i>Health Physics</i> , 1995, 69, 885-891.	0.3	3
117	Sensitivity of a Mixed Field Dosimetry Algorithm to Uncertainties in Thermoluminescent Element Readings. <i>Health Physics</i> , 1995, 68, 340-349.	0.3	8
118	Subjective Evaluations of Mammographic Accreditation Phantom Images by Three Observer Groups. <i>Investigative Radiology</i> , 1994, 29, 42-47.	3.5	18
119	Discrepancies in Committed Effective Dose Equivalents Calculated Using U.S. Nuclear Regulatory Commission Regulatory Guide 8.34. <i>Health Physics</i> , 1994, 67, 486-494.	0.3	2
120	Implementation of digital stereo imaging for analysis of metaphyses and joints in skeletal collections. <i>Medical and Biological Engineering and Computing</i> , 1993, 31, 149-156.	1.6	6
121	Radiation Protection Design For a Clinical Positron Emission Tomography Imaging Suite. <i>Health Physics</i> , 1992, 63, 581-589.	0.3	26
122	Underground Air Returns As Active Transportation Pathways for Radon Gas Entry Into Homes. <i>Health Physics</i> , 1992, 63, 665-673.	0.3	9
123	Mitigation of Elevated Indoor Radon Gas Resulting from Underground Air Return Usage. <i>Health Physics</i> , 1992, 63, 674-680.	0.3	10
124	Apparent Dose Equivalents Resulting from Severe Heating of Film Dosimeters. <i>Health Physics</i> , 1991, 60, 597-601.	0.3	2
125	Dual-lumen catheters: Quality control tests for radiopacity. <i>International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes</i> , 1991, 42, 463-469.	0.5	0
126	Design of a Positionally Sensitive Laser-heated Thermoluminescent Detector System. <i>Health Physics</i> , 1990, 59, 421-431.	0.3	4



#	ARTICLE	IF	CITATIONS
127	Evaluation of Two Thermoluminescent Detection Systems for Medical Imaging Environments. Health Physics, 1990, 59, 827-836.	0.3	13
128	Feasibility of simultaneous and sequentially administered dual tracer protocols for measurement of regional cerebral haematocrit using positron emission tomography. Physics in Medicine and Biology, 1990, 35, 249-258.	1.6	13
129	Positional radiotherapy beam dosimetry using a laser heated thermoluminescent plate. Medical Physics, 1990, 17, 429-435.	1.6	3
130	Simulated annealing image reconstruction method for a pinhole aperture single photon emission computed tomograph (SPECT). IEEE Transactions on Medical Imaging, 1990, 9, 128-143.	5.4	16
131	Numerical analysis of infrared laser heating in thermoluminescent material layers: The focused laser case. Journal of Applied Physics, 1989, 66, 3407-3409.	1.1	4
132	Effects of axial spatial resolution and sampling on object detectability and contrast for multiplanar positron emission tomography. Medical Physics, 1989, 16, 785-790.	1.6	4
133	Median Polish for Quality Assurance of a PET Scanner. Journal of Computer Assisted Tomography, 1989, 13, 932-939.	0.5	4
134	Performance of a Well Counter and a Dose Calibrator for Quantitative Positron Emission Tomography. Health Physics, 1989, 57, 623-629.	0.3	9
135	Preliminary Experiences With <sup>222</sup> Rn Gas in Arizona Homes. Health Physics, 1989, 56, 169-179.	0.3	43
136	Numerical analysis of infrared laser heating in thermoluminescent material layers. Journal of Applied Physics, 1988, 64, 1044-1049.	1.1	14
137	In vivo measurement of brain tumor pH using [ <sup>11</sup> C]DMO and positron emission tomography. Annals of Neurology, 1985, 17, 70-79.	2.8	61
138	A Statistical Model for Positron Emission Tomography: Comment. Journal of the American Statistical Association, 1985, 80, 26.	1.8	11
139	The effects of CT drift on xenon/CT measurement of regional cerebral blood flow. Medical Physics, 1984, 11, 686-689.	1.6	10
140	In vivo measurement of regional brain tissue pH using positron emission tomography. Annals of Neurology, 1984, 15, 98-102.	2.8	49
141	Comparison of 2- and 3- <sup>18</sup> F-Fluoro-deoxy-d-glucose for studies of tissue metabolism. International Journal of Nuclear Medicine and Biology, 1984, 11, 15-22.	0.7	18
142	A New Headholder for PET, CT, and NMR Imaging. Journal of Computer Assisted Tomography, 1984, 8, 1217-1220.	0.5	44
143	Radiation Absorbed Dose Estimates for Positron Emission Tomography (PET). Health Physics, 1983, 44, 235-241.	0.3	1
144	Design of Steady-State Positron Emission Tomography Protocols for Neurobehavioral Studies. Journal of Computer Assisted Tomography, 1983, 7, 51-58.	0.5	16

#	ARTICLE	IF	CITATIONS
145	Quantitation of Regional Cerebral Glucose Metabolism. Journal of Computer Assisted Tomography, 1983, 7, 919-924.	0.5	15
146	The in vivo Autoradiographic Measurement of Regional Cerebral Blood Flow Using Stable Xenon and Computerized Tomography: The Effect of Tissue Heterogeneity and Computerized Tomography Noise. Journal of Cerebral Blood Flow and Metabolism, 1982, 2, 173-178.	2.4	15
147	Preliminary Imaging Results with 18F-2-Fluoro-2-Deoxy-D-Glucose. Journal of Computer Assisted Tomography, 1980, 4, 473-477.	0.5	21