

Lawrence T Dauer

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

3,021
citations

186265
28
h-index

182427
51
g-index

116
all docs

116
docs citations

116
times ranked

3171
citing authors

#	ARTICLE	IF	CITATIONS
1	<scp>AAPM TG</scp> 158: Measurement and calculation of doses outside the treated volume from external beam radiation therapy. Medical Physics, 2017, 44, e391-e429.	3.0	214
2	Radiation Safety in the Treatment of Patients with Thyroid Diseases by Radioiodine ¹³¹ I: Practice Recommendations of the American Thyroid Association. Thyroid, 2011, 21, 335-346.	4.5	190
3	Review and evaluation of updated research on the health effects associated with low-dose ionising radiation. Radiation Protection Dosimetry, 2010, 140, 103-136.	0.8	133
4	Radiation dosimetry of 18F-FDG PET/CT: incorporating exam-specific parameters in dose estimates. BMC Medical Imaging, 2016, 16, 41.	2.7	122
5	Comparing Strategies for Operator Eye Protection in the Interventional Radiology Suite. Journal of Vascular and Interventional Radiology, 2010, 21, 1703-1707.	0.5	116
6	Fears, Feelings, and Facts: Interactively Communicating Benefits and Risks of Medical Radiation With Patients. American Journal of Roentgenology, 2011, 196, 756-761.	2.2	103
7	Quality Improvement Guidelines for Recording Patient Radiation Dose in the Medical Record for Fluoroscopically Guided Procedures. Journal of Vascular and Interventional Radiology, 2012, 23, 11-18.	0.5	99
8	The Japanese Tsunami and Resulting Nuclear Emergency at the Fukushima Daiichi Power Facility: Technical, Radiologic, and Response Perspectives. Journal of Nuclear Medicine, 2011, 52, 1423-1432.	5.0	96
9	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
10	Organ and fetal absorbed dose estimates from 99mTc-sulfur colloid lymphoscintigraphy and sentinel node localization in breast cancer patients. Journal of Nuclear Medicine, 2006, 47, 1202-8.	5.0	88
11	Implications of recent epidemiologic studies for the linear nonthreshold model and radiation protection. Journal of Radiological Protection, 2018, 38, 1217-1233.	1.1	80
12	Incidence of Secondary Cancer Development After High-Dose Intensity-Modulated Radiotherapy and Image-Guided Brachytherapy for the Treatment of Localized Prostate Cancer. International Journal of Radiation Oncology Biology Physics, 2012, 83, 953-959.	0.8	79
13	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
14	Dose Reconstruction for the Million Worker Study. Health Physics, 2015, 108, 206-220.	0.5	64
15	Safety and efficacy of radioactive seed localization with I-125 prior to lumpectomy and/or excisional biopsy. European Journal of Radiology, 2013, 82, 1453-1457.	2.6	60
16	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
17	Radiation Safety Considerations for the Use of 223RaCl ₂ DE in Men with Castration-resistant Prostate Cancer. Health Physics, 2014, 106, 494-504.	0.5	59
18	Patient Perspectives and Preferences for Communication of Medical Imaging Risks in a Cancer Care Setting. Radiology, 2015, 275, 545-552.	7.3	59

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19	Leaded Eyeglasses Substantially Reduce Radiation Exposure of the Surgeon's Eyes During Acquisition of Typical Fluoroscopic Views of the Hip and Pelvis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 1307-1311.	3.0	55
20	Effect of leaded glasses and thyroid shielding on cone beam CT radiation dose in an adult female phantom. <i>Dentomaxillofacial Radiology</i> , 2013, 42, 20120260.	2.7	49
21	Recent Epidemiologic Studies and the Linear No-Threshold Model For Radiation Protection—Considerations Regarding NCRP Commentary 27. <i>Health Physics</i> , 2019, 116, 235-246.	0.5	44
22	Radioactive Seed Localization With 125I For Nonpalpable Lesions Prior to Breast Lumpectomy and/or Excisional Biopsy. <i>Health Physics</i> , 2013, 105, 356-365.	0.5	43
23	Intraoperative 32P High-Dose Rate Brachytherapy of the Dura for Recurrent Primary and Metastatic Intracranial and Spinal Tumors. <i>Neurosurgery</i> , 2012, 71, 1003-1011.	1.1	40
24	Comparison of adult and child radiation equivalent doses from 2 dental cone-beam computed tomography units. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2013, 143, 784-792.	1.7	40
25	A comparison of pediatric and adult CT organ dose estimation methods. <i>BMC Medical Imaging</i> , 2017, 17, 28.	2.7	40
26	Unprotected Operator Eye Lens Doses in Oncologic Interventional Radiology Are Clinically Significant: Estimation from Patient Kerma-area-product Data. <i>Journal of Vascular and Interventional Radiology</i> , 2010, 21, 1859-1861.	0.5	37
27	Realistic Approach to Estimate Lens Doses and Cataract Radiation Risk in Cardiology When Personal Dosimeters Have not Been Regularly Used. <i>Health Physics</i> , 2013, 105, 330-339.	0.5	33
28	PET/CT-guided Interventions: Personnel Radiation Dose. <i>CardioVascular and Interventional Radiology</i> , 2013, 36, 1063-1067.	2.0	31
29	OPERATIONAL RADIATION SAFETY FOR PET-CT, SPECT-CT, AND CYCLOTRON FACILITIES. <i>Health Physics</i> , 2008, 95, 554-570.	0.5	28
30	Patient-specific organ and effective dose estimates in pediatric oncology computed tomography. <i>Physica Medica</i> , 2018, 45, 146-155.	0.7	27
31	Mortality among workers at the Los Alamos National Laboratory, 1943–2017. <i>International Journal of Radiation Biology</i> , 2022, 98, 722-749.	1.8	27
32	A million persons, a million dreams: a vision for a national center of radiation epidemiology and biology. <i>International Journal of Radiation Biology</i> , 2022, 98, 795-821.	1.8	26
33	Status of NCRP Scientific Committee 1–23 Commentary on Guidance on Radiation Dose Limits for the Lens of the Eye. <i>Health Physics</i> , 2016, 110, 182-184.	0.5	25
34	Report of IRPA task group on the impact of the eye lens dose limits. <i>Journal of Radiological Protection</i> , 2017, 37, 527-550.	1.1	25
35	Influences of operator head posture and protective eyewear on eye lens doses in interventional radiology: A Monte Carlo Study. <i>Medical Physics</i> , 2019, 46, 2744-2751.	3.0	25
36	Real-time Intraoperative Computed Tomography Assessment of Quality of Permanent Interstitial Seed Implantation for Prostate Cancer. <i>Urology</i> , 2010, 76, 1138-1142.	1.0	24

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37	Radiation dose reduction at a price: the effectiveness of a male gonadal shield during helical CT scans. BMC Medical Imaging, 2007, 7, 5.	2.7	23
38	Mortality among medical radiation workers in the United States, 1965–2016. International Journal of Radiation Biology, 2023, 99, 183-207.	1.8	23
39	Dosimetry and uncertainty approaches for the million person study of low-dose radiation health effects: overview of the recommendations in NCRP Report No. 178. International Journal of Radiation Biology, 2022, 98, 600-609.	1.8	22
40	Evolution of radiation protection for medical workers. British Journal of Radiology, 2020, 93, 20200282.	2.2	22
41	Assessment of radiation safety instructions to patients based on measured dose rates following prostate brachytherapy. Brachytherapy, 2004, 3, 1-6.	0.5	21
42	Estimating Radiation Doses to the Skin from Interventional Radiology Procedures for a Patient Population with Cancer. Journal of Vascular and Interventional Radiology, 2009, 20, 782-788.	0.5	21
43	Rapid switching kVp dual energy CT: Value of reconstructed dual energy CT images and organ dose assessment in multiphasic liver CT exams. European Journal of Radiology, 2018, 102, 102-108.	2.6	21
44	Mortality from leukemia, cancer and heart disease among U.S. nuclear power plant workers, 1957–2011. International Journal of Radiation Biology, 2022, 98, 657-678.	1.8	20
45	Less-restrictive, patient-specific radiation safety precautions can be safely prescribed after permanent seed implantation. Brachytherapy, 2010, 9, 101-111.	0.5	18
46	HEALTH PHYSICS SOCIETY – 2017 AFFILIATE MEMBERS. Health Physics, 2017, 113, 166.	0.5	18
47	Advances in Radiation Biology: Effect on Nuclear Medicine. Seminars in Nuclear Medicine, 2014, 44, 179-186.	4.6	17
48	Feasibility of Administering High-Dose ¹³¹ I-MIBG Therapy to Children with High-Risk Neuroblastoma Without Lead-Lined Rooms. Pediatric Blood and Cancer, 2016, 63, 801-807.	1.5	17
49	Dosimetry for the study of medical radiation workers with a focus on the mean absorbed dose to the lung, brain and other organs. International Journal of Radiation Biology, 2022, 98, 619-630.	1.8	17
50	Let's image gently: Reducing excessive reliance on CT scans. Pediatric Blood and Cancer, 2008, 51, 838-838.	1.5	15
51	Feasibility of ex Vivo FDG PET of the Colon. Radiology, 2009, 252, 232-239.	7.3	15
52	Evaluating the effectiveness of a radiation safety training intervention for oncology nurses: a pretest – intervention – posttest study. BMC Medical Education, 2006, 6, 32.	2.4	14
53	Preparedness and Response for a Nuclear or Radiological Emergency. Health Physics, 2005, 88, 175-176.	0.5	13
54	Measured dose rate constant from oncology patients administered ¹⁸ F for positron emission tomography. Medical Physics, 2012, 39, 6071-6079.	3.0	13

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55	Radiological protection for pregnant women at a large academic medical Cancer Center. <i>Physica Medica</i> , 2017, 43, 186-189.	0.7	13
56	Organ and effective dose estimates for patients undergoing hepatic arterial embolization for treatment of liver malignancy. <i>Medical Physics</i> , 2011, 38, 736-742.	3.0	12
57	Radiobiology in Cardiovascular Imaging. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 1446-1461.	5.3	12
58	Estimating dose to implantable cardioverter-defibrillator outside the treatment fields using a skin QED diode, optically stimulated luminescent dosimeters, and LiF thermoluminescent dosimeters. <i>Medical Dosimetry</i> , 2012, 37, 334-338.	0.9	11
59	National Council on Radiation Protection and Measurements Commentary Number 26: Impact of Revised Guidance on Radiation Protection for the Lens of the Eye. <i>Journal of the American College of Radiology</i> , 2017, 14, 980-982.	1.8	11
60	Radium dial workers: back to the future. <i>International Journal of Radiation Biology</i> , 2022, 98, 750-768.	1.8	11
61	Tl-201 stress tests and homeland security. <i>Journal of Nuclear Cardiology</i> , 2007, 14, 582-588.	2.1	10
62	Radiation Dosimetry of Whole-Body Dual-Tracer 18F-FDG and 11C-Acetate PET/CT for Hepatocellular Carcinoma. <i>Journal of Nuclear Medicine</i> , 2016, 57, 907-912.	5.0	10
63	Patient-adapted organ absorbed dose and effective dose estimates in pediatric 18F-FDG positron emission tomography/computed tomography studies. <i>BMC Medical Imaging</i> , 2020, 20, 9.	2.7	10
64	WHOLE-BODY CLEARANCE KINETICS AND EXTERNAL DOSIMETRY OF 131I-3F8 MONOCLONAL ANTIBODY FOR RADIOIMMUNOTHERAPY OF NEUROBLASTOMA. <i>Health Physics</i> , 2007, 92, 33-39.	0.5	9
65	32P Brachytherapy Conformal Source Model RIC-100 for High-Dose-Rate Treatment of Superficial Disease: Monte Carlo Calculations, Diode Measurements, and Clinical Implementation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 746-752.	0.8	9
66	Technical Note: Scintillation well counters and particle counting digital autoradiography devices can be used to detect activities associated with genomic profiling adequacy of biopsy specimens obtained after a low activity ¹⁸ F-FDG injection. <i>Medical Physics</i> , 2018, 45, 2179-2185.	3.0	8
67	Positron Lymphography via Intracervical ¹⁸ F-FDG Injection for Presurgical Lymphatic Mapping in Cervical and Endometrial Malignancies. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1123-1130.	5.0	8
68	Using personal monitoring data to derive organ doses for medical radiation workers in the Million Person Study—considerations regarding NCRP Commentary no. 30. <i>Journal of Radiological Protection</i> , 2021, 41, 118-128.	1.1	8
69	Survey of Current Status and Physician Opinion Regarding Ancillary Staffing for the IR Suite. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 1777-1784.	0.5	7
70	Radiation safety of receptive anal intercourse with prostate cancer patients treated with low-dose-rate brachytherapy. <i>Brachytherapy</i> , 2016, 15, 420-425.	0.5	7
71	Prevalence and Correlates of Worry About the Health Harms of Medical Imaging Radiation in the General Population. <i>Journal of Primary Care and Community Health</i> , 2016, 7, 219-225.	2.1	7
72	Results of a 10-year survey of workload for 10 treatment vaults at a high-throughput comprehensive cancer center. <i>Journal of Applied Clinical Medical Physics</i> , 2017, 18, 207-214.	1.9	7

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73	Cohort profile “ MSK radiation workers: a feasibility study to establish a deceased worker sub-cohort as part of a multicenter medical radiation worker component in the million person study of Low-Dose radiation health effects. International Journal of Radiation Biology, 2019, , 1-7.	1.8	7
74	Administration of lower doses of radium-224 to ankylosing spondylitis patients results in no evidence of significant overall detriment. PLoS ONE, 2020, 15, e0232597.	2.5	7
75	Report of IRPA task group on issues and actions taken in response to the change in eye lens dose limit. Journal of Radiological Protection, 2020, 40, 1508-1533.	1.1	7
76	Mortality among Tennessee Eastman Corporation (TEC) uranium processing workers, 1943–2019. International Journal of Radiation Biology, 2023, 99, 208-228.	1.8	7
77	Optimising radiographic bitewing examination to adult and juvenile patients through the use of anthropomorphic phantoms. Radiation Protection Dosimetry, 2014, 158, 51-58.	0.8	6
78	Seeing through a glass darkly and taking the next right steps. European Journal of Epidemiology, 2018, 33, 1135-1137.	5.7	6
79	Patient-Specific Organ and Effective Dose Estimates in Adult Oncologic CT. American Journal of Roentgenology, 2020, 214, 738-746.	2.2	6
80	Introduction to the Special LDLensRad Focus Issue. Radiation Research, 2021, 197, .	1.5	5
81	Practical Radiation Protection in Health Care. Health Physics, 2003, 84, 666.	0.5	4
82	Facilitating Effective Radiation Safety Workshops: Adult Learning Theories. Health Physics, 2003, 85, S49-S55.	0.5	4
83	Activity Thresholds for Patient Instruction and Release for Positron Emission Tomography Radionuclides. Health Physics, 2014, 106, 341-352.	0.5	4
84	Outline of NCRP Commentary No. 27 “Implications of Recent Epidemiologic Studies for the Linear Nonthreshold Model and Radiation Protection”. Japanese Journal of Health Physics, 2018, 53, 47-64.	0.1	4
85	SCIENCE-INFORMED, JUSTIFIED, AND OPTIMIZED RADIATION SAFETY POLICIES. Health Physics, 2011, 100, 332-334.	0.5	3
86	Cumulative Imaging Radiation Exposure Following Breast-Conservation Therapy. Annals of Surgical Oncology, 2011, 18, 104-108.	1.5	3
87	Globalization, implantation, cremation—Oh, my!. Brachytherapy, 2012, 11, 197-198.	0.5	3
88	Characterizing Ionizing Radiation Exposure after T-Cell Depleted Allogeneic Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2018, 24, S252-S253.	2.0	3
89	Epidemiological Support of the Linear Nonthreshold Model in Radiological Protection: Implications of the National Council on Radiation Protection and Measurements Commentary 27 for the Radiologist. Journal of the American College of Radiology, 2020, 17, 1695-1697.	1.8	3
90	Quantifying clinical severity of physics errors in high-dose rate prostate brachytherapy using simulations. Brachytherapy, 2021, 20, 1062-1069.	0.5	3

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91	A Review of Educational Philosophies as Applied to Radiation Safety Training at Medical Institutions. Health Physics, 2006, 90, S67-S72.	0.5	2
92	Radiation Brain Drain? The Impact of Demographic Change on U.S. Radiation Protection. Health Physics, 2017, 112, 126-130.	0.5	2
93	Patient Perspectives on Dialogue and Shared Decision Making. Health Physics, 2019, 116, 212-213.	0.5	2
94	Introduction to the special issue on the US Million Person Study of health effects from low-level exposure to radiation. International Journal of Radiation Biology, 2022, 98, 529-532.	1.8	2
95	Radiation Safety Considerations and Clinical Advantages of β^\pm -Emitting Therapy Radionuclides. Journal of Nuclear Medicine Technology, 2022, 50, 10-16.	0.8	2
96	Ionizing radiation exposure after allogeneic hematopoietic cell transplantation. Bone Marrow Transplantation, 2022, 57, 827-829.	2.4	2
97	Clearance Kinetics and External Dosimetry of ^{131}I -Labeled Murine and Humanized Monoclonal Antibody A33 in Patients with Colon Cancer: Radiation Safety Implications. Health Physics, 2009, 96, 550-557.	0.5	1
98	Real-Time CT-Guided Percutaneous Placement of LV Pacing Leads. JACC: Cardiovascular Imaging, 2013, 6, 96-104.	5.3	1
99	An Introduction to Radiation Protection. , 2019, , 515-529.		1
100	Radiation Protection for Patients. , 2019, , 261-272.		1
101	Addressing the challenge of managing radiation use in medical imaging: paradigm shifts and strategic priorities. Oncology, 2014, 28, 243-4, 246.	0.5	1
102	Physics in Nuclear Medicine, 3rd Edition. Health Physics, 2004, 87, 673.	0.5	0
103	2005 DISTINGUISHED SCIENTIFIC ACHIEVEMENT AWARD. Health Physics, 2005, 89, 605-606.	0.5	0
104	Radiation Protection Responsibility in Medicine: A Wrap-up. Health Physics, 2019, 116, 279-281.	0.5	0
105	Prostate Cancer Brachytherapy: Radiation Protection Issues. , 2013, , 239-253.		0
106	Feasibility of Administering Anti-CD45 Iodine (^{131}I) Apamistamab [Iomab-B] for Re-Induction and Targeted Conditioning in Older Patients with Active, Relapsed or Refractory AML without Lead-Lined Rooms: Sierra Trial Experience at MSKCC. Blood, 2019, 134, 5839-5839.	1.4	0
107	Title is missing!. , 2020, 15, e0232597.		0
108	Title is missing!. , 2020, 15, e0232597.		0

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109	Title is missing!., 2020, 15, e0232597.		0
110	Title is missing!., 2020, 15, e0232597.		0