Lawrence T Dauer

List of Publications by Citations

104 papers	2,230 citations	26 h-index	44 g-index
116 ext. papers	2,650 ext. citations	3.2 avg, IF	4.75 L-index

#	Paper	IF	Citations
104	Radiation safety in the treatment of patients with thyroid diseases by radioiodine 131I : practice recommendations of the American Thyroid Association. *Thyroid*, **2011**, 21, 335-46	6.2	152
103	AAPM TG 158: Measurement and calculation of doses outside the treated volume from external-beam radiation therapy. *Medical Physics*, **2017**, 44, e391-e429	4.4	125
102	Review and evaluation of updated research on the health effects associated with low-dose ionising radiation. *Radiation Protection Dosimetry*, **2010**, 140, 103-36	0.9	111
101	Comparing strategies for operator eye protection in the interventional radiology suite. *Journal of Vascular and Interventional Radiology*, **2010**, 21, 1703-7	2.4	98
100	Quality improvement guidelines for recording patient radiation dose in the medical record for fluoroscopically guided procedures. *Journal of Vascular and Interventional Radiology*, **2012**, 23, 11-8	2.4	88
99	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	8.9	85
98	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*,	2.4	78
97	The Japanese tsunami and resulting nuclear emergency at the Fukushima Daiichi power facility: technical, radiologic, and response perspectives. *Journal of Nuclear Medicine*, **2011**, 52, 1423-32	8.9	77
96	Fears, feelings, and facts: interactively communicating benefits and risks of medical radiation with patients. *American Journal of Roentgenology*, **2011**, 196, 756-61	5.4	76
95	Radiation dosimetry of 18F-FDG PET/CT: incorporating exam-specific parameters in dose estimates. *BMC Medical Imaging*, **2016**, 16, 41	2.9	72
94	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, 953-9	4	60
93	Safety and efficacy of radioactive seed localization with I-125 prior to lumpectomy and/or excisional biopsy. *European Journal of Radiology*, **2013**, 82, 1453-7	4.7	56
92	Dose reconstruction for the million worker study: status and guidelines. *Health Physics*, **2015**, 108, 206-20	2.3	53
91	Implications of recent epidemiologic studies for the linear nonthreshold model and radiation protection. *Journal of Radiological Protection*, **2018**, 38, 1217-1233	1.2	51
90	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	2.9	48
89	Radiation safety considerations for the use of □□□RaCl□DE in men with castration-resistant prostate cancer. *Health Physics*, **2014**, 106, 494-504	2.3	47
88	Patient perspectives and preferences for communication of medical imaging risks in a cancer care setting. *Radiology*, **2015**, 275, 545-52	20.5	45

87	Leaded eyeglasses substantially reduce radiation exposure of the surgeon's eyes during acquisition of typical fluoroscopic views of the hip and pelvis. *Journal of Bone and Joint Surgery - Series A*, **2013**, 95, 1307-11	5.6	42
86	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, 171-81	2.4	41
85	Effect of leaded glasses and thyroid shielding on cone beam CT radiation dose in an adult female phantom. *Dentomaxillofacial Radiology*, **2013**, 42, 20120260	3.9	37
84	Radioactive seed localization with 125I for nonpalpable lesions prior to breast lumpectomy and/or excisional biopsy: methodology, safety, and experience of initial year. *Health Physics*, **2013**, 105, 356-65	2.3	36
83	Intraoperative 32P high-dose rate brachytherapy of the dura for recurrent primary and metastatic intracranial and spinal tumors. *Neurosurgery*, **2012**, 71, 1003-10; discussion 1010-1	3.2	34
82	Comparison of adult and child radiation equivalent doses from 2 dental cone-beam computed tomography units. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2013**, 143, 784-92	2.1	32
81	Unprotected operator eye lens doses in oncologic interventional radiology are clinically significant: estimation from patient kerma-area-product data. *Journal of Vascular and Interventional Radiology*, **2010**, 21, 1859-61	2.4	32
80	A comparison of pediatric and adult CT organ dose estimation methods. *BMC Medical Imaging*, **2017** , 17, 28	2.9	30
79	Realistic approach to estimate lens doses and cataract radiation risk in cardiology when personal dosimeters have not been regularly used. *Health Physics*, **2013**, 105, 330-9	2.3	30
78	PET/CT-guided interventions: personnel radiation dose. *CardioVascular and Interventional Radiology* , **2013**, 36, 1063-7	2.7	26
77	Recent Epidemiologic Studies and the Linear No-Threshold Model For Radiation Protection-Considerations Regarding NCRP Commentary 27. *Health Physics*, **2019**, 116, 235-246	2.3	26
76	Operational radiation safety for PET-CT, SPECT-CT, and cyclotron facilities. *Health Physics*, **2008**, 95, 554-70	1.9	25
75	Real-time intraoperative computed tomography assessment of quality of permanent interstitial seed implantation for prostate cancer. *Urology*, **2010**, 76, 1138-42	1.6	21
74	Estimating radiation doses to the skin from interventional radiology procedures for a patient population with cancer. *Journal of Vascular and Interventional Radiology*, **2009**, 20, 782-8; quiz 789	2.4	20
73	Report of IRPA task group on the impact of the eye lens dose limits. *Journal of Radiological Protection*, **2017**, 37, 527-550	1.2	19
72	Assessment of radiation safety instructions to patients based on measured dose rates following prostate brachytherapy. *Brachytherapy*, **2004**, 3, 1-6	2.4	19
71	Status of NCRP Scientific Committee 1-23 Commentary on Guidance on Radiation Dose Limits for the Lens of the Eye. *Health Physics*, **2016**, 110, 182-4	2.3	17
70	Exposed medical staff: challenges, available tools, and opportunities for improvement. *Health Physics*, **2014**, 106, 217-24	2.3	16

69	Radiation dose reduction at a price: the effectiveness of a male gonadal shield during helical CT scans. *BMC Medical Imaging*, **2007**, 7, 5	2.9	16
68	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*, **2018**, 1-36	2.9	16
67	Influences of operator head posture and protective eyewear on eye lens doses in interventional radiology: A Monte Carlo Study. *Medical Physics*, **2019**, 46, 2744-2751	4.4	15
66	Feasibility of ex vivo FDG PET of the colon. *Radiology*, **2009**, 252, 232-9	20.5	15
65	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	4.7	14
64	Patient-specific organ and effective dose estimates in pediatric oncology computed tomography. *Physica Medica*, **2018**, 45, 146-155	2.7	14
63	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, 801-7	3	14
62	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*, **2018**, 1-10	2.9	14
61	Advances in radiation biology: effect on nuclear medicine. *Seminars in Nuclear Medicine*, **2014**, 44, 179-86	5.4	13
60	Less-restrictive, patient-specific radiation safety precautions can be safely prescribed after permanent seed implantation. *Brachytherapy*, **2010**, 9, 101-11	2.4	13
59	Let's image gently: reducing excessive reliance on CT scans. *Pediatric Blood and Cancer*, **2008**, 51, 838; author reply 839-40	3	13
58	Organ and effective dose estimates for patients undergoing hepatic arterial embolization for treatment of liver malignancy. *Medical Physics*, **2011**, 38, 736-42	4.4	11
57	Radiation Dosimetry of Whole-Body Dual-Tracer 18F-FDG and 11C-Acetate PET/CT for Hepatocellular Carcinoma. *Journal of Nuclear Medicine*, **2016**, 57, 907-12	8.9	10
56	Estimating dose to implantable cardioverter-defibrillator outside the treatment fields using a skin QED diode, optically stimulated luminescent dosimeters, and LiF thermoluminescent dosimeters. *Medical Dosimetry*, **2012**, 37, 334-8	1.3	10
55	Measured dose rate constant from oncology patients administered 18F for positron emission tomography. *Medical Physics*, **2012**, 39, 6071-9	4.4	10
54	Mortality among workers at the Los Alamos National Laboratory, 1943-2017. *International Journal of Radiation Biology*, **2021**, 1-28	2.9	10
53	Radiobiology in Cardiovascular Imaging. *JACC: Cardiovascular Imaging*, **2016**, 9, 1446-1461	8.4	10
52	Tl-201 stress tests and homeland security. *Journal of Nuclear Cardiology*, **2007**, 14, 582-8	2.1	9

51	Evaluating the effectiveness of a radiation safety training intervention for oncology nurses: a pretest-intervention-posttest study. *BMC Medical Education*, **2006**, 6, 32	3.3	9
50	32P brachytherapy conformal source model RIC-100 for high-dose-rate treatment of superficial disease: Monte Carlo calculations, diode measurements, and clinical implementation. *International Journal of Radiation Oncology Biology Physics*, **2014**, 88, 746-52	4	8
49	National Council on Radiation Protection and Measurements Commentary Number 26: Impact of Revised Guidance on Radiation Protection for the Lens of the Eye. *Journal of the American College of Radiology*, **2017**, 14, 980-982	3.5	8
48	Whole-body clearance kinetics and external dosimetry of 131I-3F8 monoclonal antibody for radioimmunotherapy of neuroblastoma. *Health Physics*, **2007**, 92, 33-9	2.3	8
47	A million persons, a million dreams: a vision for a national center of radiation epidemiology and biology. *International Journal of Radiation Biology*, **2021**, 1-27	2.9	8
46	Radiological protection for pregnant women at a large academic medical Cancer Center. *Physica Medica*, **2017**, 43, 186-189	2.7	7
45	Evolution of radiation protection for medical workers. *British Journal of Radiology*, **2020**, 93, 20200282	3.4	7
44	Survey of current status and physician opinion regarding ancillary staffing for the IR suite. *Journal of Vascular and Interventional Radiology*, **2014**, 25, 1777-84	2.4	7
43	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	2.9	6
42	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 F-FDG injection. *Medical Physics*, **2018**, 45, 2179-2185	4.4	6
41	Mortality among Medical Radiation Workers in the United States, 1965-2016. *International Journal of Radiation Biology*, **2021**, 1-63	2.9	6
40	Mortality from Leukemia, Cancer and Heart Disease among U.S. Nuclear Power Plant Workers, 1957-2011. *International Journal of Radiation Biology*, **2021**, 1-67	2.9	6
39	Using personal monitoring data to derive organ doses for medical radiation workers in the Million Person Study - considerations regarding NCRP Commentary No. 30. *Journal of Radiological Protection*, **2020**,	1.2	6
38	Radiation safety of receptive anal intercourse with prostate cancer patients treated with low-dose-rate brachytherapy. *Brachytherapy*, **2016**, 15, 420-425	2.4	5
37	Optimising radiographic bitewing examination to adult and juvenile patients through the use of anthropomorphic phantoms. *Radiation Protection Dosimetry*, **2014**, 158, 51-8	0.9	5
36	Positron Lymphography via Intracervical F-FDG Injection for Presurgical Lymphatic Mapping in Cervical and Endometrial Malignancies. *Journal of Nuclear Medicine*, **2020**, 61, 1123-1130	8.9	5
35	Results of a 10-year survey of workload for 10 treatment vaults at a high-throughput comprehensive cancer center. *Journal of Applied Clinical Medical Physics*, **2017**, 18, 207-214	2.3	4
34	Prevalence and Correlates of Worry About the Health Harms of Medical Imaging Radiation in the General Population. *Journal of Primary Care and Community Health*, **2016**, 7, 219-25	2.1	4

33	Patient-adapted organ absorbed dose and effective dose estimates in pediatric 18F-FDG positron emission tomography/computed tomography studies. *BMC Medical Imaging*, **2020**, 20, 9	2.9	4
32	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	1.2	4
31	Radium dial workers: back to the future. *International Journal of Radiation Biology*, **2021**, 1-19	2.9	4
30	Seeing through a glass darkly and taking the next right steps. *European Journal of Epidemiology*, **2018**, 33, 1135-1137	12.1	4
29	Activity thresholds for patient instruction and release for positron emission tomography radionuclides. *Health Physics*, **2014**, 106, 341-52	2.3	3
28	Science-informed, justified, and optimized radiation safety policies. *Health Physics*, **2011**, 100, 332-4	2.3	3
27	Cumulative imaging radiation exposure following breast-conservation therapy. *Annals of Surgical Oncology*, **2011**, 18, 104-8	3.1	3
26	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	3
25	A review of educational philosophies as applied to radiation safety training at medical institutions. *Health Physics*, **2006**, 90, S67-72	2.3	2
24	Facilitating effective radiation safety workshops: adult learning theories. *Health Physics*, **2003**, 85, S49-55	2.3	2
23	Preparedness and Response for a Nuclear or Radiological Emergency. *Health Physics*, **2005**, 88, 175-176	2.3	2
22	Introduction to the Special LDLensRad Focus Issue. *Radiation Research*, **2021**,	3.1	2
21	Patient-Specific Organ and Effective Dose Estimates in Adult Oncologic CT. *American Journal of Roentgenology*, **2020**, 214, 738-746	5.4	2
20	Characterizing Ionizing Radiation Exposure after T-Cell Depleted Allogeneic Hematopoietic Cell Transplantation. *Biology of Blood and Marrow Transplantation*, **2018**, 24, S252-S253	4.7	2
19	An Introduction to Radiation Protection **2019**, 515-529		1
18	Administration of lower doses of radium-224 to ankylosing spondylitis patients results in no evidence of significant overall detriment. *PLoS ONE*, **2020**, 15, e0232597	3.7	1
17	Real-time CT-guided percutaneous placement of LV pacing leads. *JACC: Cardiovascular Imaging*, **2013**, 6, 96-104	8.4	1
16	Radiation Brain Drain? The Impact of Demographic Change on U.S. Radiation Protection. *Health Physics*, **2017**, 112, 126-130	2.3	1

15	Clearance kinetics and external dosimetry of 131I-labeled murine and humanized monoclonal antibody A33 in patients with colon cancer: radiation safety implications. *Health Physics*, **2009**, 96, 550-7	2.3	1
14	Patient Perspectives on Dialogue and Shared Decision Making. *Health Physics*, **2019**, 116, 212-213	2.3	1
13	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	3.5	0
12	Quantifying clinical severity of physics errors in high-dose rate prostate brachytherapy using simulations. *Brachytherapy*, **2021**, 20, 1062-1069	2.4	0
11	Ionizing radiation exposure after allogeneic hematopoietic cell transplantation.. *Bone Marrow Transplantation*, **2022**,	4.4	0
10	Radiation Protection Responsibility in Medicine: A Wrap-up. *Health Physics*, **2019**, 116, 279-281	2.3	
9	2005 Distinguished Scientific Achievement Award. *Health Physics*, **2005**, 89, 605-6	2.3	
8	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*, **2021**, 1-4	2.9	
7	Radiation Protection for Patients **2019**, 261-272		
6	Feasibility of Administering Anti-CD45 Iodine (131I) 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	2.2	
5	Prostate Cancer Brachytherapy: Radiation Protection Issues **2013**, 239-253		
4	Administration of lower doses of radium-224 to ankylosing spondylitis patients results in no evidence of significant overall detriment **2020**, 15, e0232597		
3	Administration of lower doses of radium-224 to ankylosing spondylitis patients results in no evidence of significant overall detriment **2020**, 15, e0232597		
2	Administration of lower doses of radium-224 to ankylosing spondylitis patients results in no evidence of significant overall detriment **2020**, 15, e0232597		
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