

# Kostas Perisinakis

## List of Publications by Year in descending order

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112  
papers

3,310  
citations

159585  
30  
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112  
all docs

112  
docs citations

112  
times ranked

3024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleeve Gastrectomy – A Restrictive Procedure?. Obesity Surgery, 2007, 17, 57-62.	2.1	351
2	OCCUPATIONAL EXPOSURE FROM COMMON FLUOROSCOPIC PROJECTIONS USED IN ORTHOPAEDIC SURGERY. Journal of Bone and Joint Surgery - Series A, 2003, 85, 1698-1703.	3.0	182
3	Accurate Assessment of Patient Effective Radiation Dose and Associated Detriment Risk From Radiofrequency Catheter Ablation Procedures. Circulation, 2001, 104, 58-62.	1.6	154
4	Alterations of Global Gastrointestinal Motility After Sleeve Gastrectomy. Annals of Surgery, 2013, 258, 976-982.	4.2	133
5	The effect of z overscanning on patient effective dose from multidetector helical computed tomography examinations. Medical Physics, 2005, 32, 1621-1629.	3.0	120
6	Estimation of Patient Dose and Associated Radiogenic Risks From Fluoroscopically Guided Pedicle Screw Insertion. Spine, 2004, 29, 1555-1560.	2.0	107
7	Conceptus Radiation Dose and Risk From Cardiac Catheter Ablation Procedures. Circulation, 2001, 104, 893-897.	1.6	106
8	The predictive role of serum and bronchoalveolar lavage cytokines and adhesion molecules for acute respiratory distress syndrome development and outcome. Respiratory Research, 2002, 3, 25.	3.6	87
9	Patient Exposure and Associated Radiation Risks from Fluoroscopically Guided Vertebroplasty or Kyphoplasty. Radiology, 2004, 232, 701-707.	7.3	87
10	Automatic exposure control in pediatric and adult multidetector CT examinations: A phantom study on dose reduction and image quality. Medical Physics, 2008, 35, 4567-4576.	3.0	85
11	Occupational exposure in the electrophysiology laboratory: quantifying and minimizing radiation burden. British Journal of Radiology, 2006, 79, 644-651.	2.2	75
12	Estimation of Fetal Radiation Dose from Computed Tomography Scanning in Late Pregnancy. Investigative Radiology, 2000, 35, 527-533.	6.2	68
13	Fluoroscopy-controlled voiding cystourethrography in infants and children: Are the radiation risks trivial?. European Radiology, 2006, 16, 846-851.	4.5	61
14	Therapeutic ERCP and pregnancy: is the radiation risk for the conceptus trivial?. Gastrointestinal Endoscopy, 2009, 69, 824-831.	1.0	57
15	Fluoroscopically Guided Implantation of Modern Cardiac Resynchronization Devices. Journal of the American College of Cardiology, 2005, 46, 2335-2339.	2.8	51
16	Influence of z overscanning on normalized effective doses calculated for pediatric patients undergoing multidetector CT examinations. Medical Physics, 2007, 34, 1163-1175.	3.0	51
17	Imaging Ultrasonometry of the Calcaneus: Optimum T-Score Thresholds for the Identification of Osteoporotic Subjects. Calcified Tissue International, 2001, 68, 219-224.	3.1	49
18	Reduction of eye lens radiation dose by orbital bismuth shielding in pediatric patients undergoing CT of the head: A Monte Carlo study. Medical Physics, 2005, 32, 1024-1030.	3.0	46

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19	Radiogenic risks from hysterosalpingography. <i>European Radiology</i> , 2003, 13, 1522-1528.	4.5	45
20	Embryo/Fetus Radiation Dose and Risk from Dual X-ray Absorptiometry Examinations. <i>Osteoporosis International</i> , 2002, 13, 716-722.	3.1	42
21	Eye-lens bismuth shielding in paediatric head CT: artefact evaluation and reduction. <i>Pediatric Radiology</i> , 2010, 40, 1748-1754.	2.0	42
22	Angular on-axis tube current modulation in multidetector CT examinations of children and adults: The influence of different scanning parameters on dose reduction. <i>Medical Physics</i> , 2007, 34, 2864-2874.	3.0	38
23	Radiation Dose to the Conceptus from Multidetector CT during Early Gestation: A Method That Allows for Variations in Maternal Body Size and Conceptus Position. <i>Radiology</i> , 2010, 257, 483-489.	7.3	38
24	Serum level of interleukin-16 in multiple myeloma patients and its relationship to disease activity. <i>American Journal of Hematology</i> , 2004, 75, 101-106.	4.1	37
25	Evaluation of a patient-specific Monte Carlo software for CT dosimetry. <i>Radiation Protection Dosimetry</i> , 2009, 133, 248-255.	0.8	36
26	Perfusion Scintigraphy Versus 256-Slice CT Angiography in Pregnant Patients Suspected of Pulmonary Embolism: Comparison of Radiation Risks. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1273-1280.	5.0	36
27	Normalized dose data for upper gastrointestinal tract contrast studies performed to infants. <i>Medical Physics</i> , 2006, 33, 1033-1040.	3.0	33
28	Conceptus radiation dose and risk from chest screen-film radiography. <i>European Radiology</i> , 2003, 13, 406-412.	4.5	32
29	Ultrasound Velocity Through the Cortex of Phalanges, Radius, and Tibia in Normal and Osteoporotic Postmenopausal Women Using a New Multisite Quantitative Ultrasound Device. <i>Investigative Radiology</i> , 2003, 38, 207-211.	6.2	32
30	Effect of Lifetime Occupational Physical Activity on Indices of Bone Mineral Status in Healthy Postmenopausal Women. <i>Calcified Tissue International</i> , 1999, 64, 112-116.	3.1	31
31	Automatic exposure control in CT: the effect of patient size, anatomical region and prescribed modulation strength on tube current and image quality. <i>European Radiology</i> , 2014, 24, 2520-2531.	4.5	31
32	Comparison of four methods for assessing patient effective dose from radiological examinations. <i>Medical Physics</i> , 2002, 29, 2070-2079.	3.0	30
33	Estimation of effective doses to adult and pediatric patients from multislice computed tomography: A method based on energy imparted. <i>Medical Physics</i> , 2006, 33, 3846-3856.	3.0	29
34	Effect of Region of Interest Location on Ultrasound Measurements of the Calcaneus. <i>Calcified Tissue International</i> , 1998, 63, 300-305.	3.1	28
35	The effect of iodine uptake on radiation dose absorbed by patient tissues in contrast enhanced CT imaging: Implications for CT dosimetry. <i>European Radiology</i> , 2018, 28, 151-158.	4.5	27
36	Energy imparted-based estimates of the effect of z overscanning on adult and pediatric patient effective doses from multi-slice computed tomography. <i>Medical Physics</i> , 2007, 34, 1139-1152.	3.0	25

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37	The effect of x-ray beam quality and geometry on radiation utilization efficiency in multidetector CT imaging. Medical Physics, 2009, 36, 1258-1266.	3.0	25
38	Automatic Exposure Control in Pediatric and Adult Computed Tomography Examinations. Investigative Radiology, 2011, 46, 654-662.	6.2	25
39	ASSESSMENT OF PATIENT EFFECTIVE RADIATION DOSE AND ASSOCIATED RADIOGENIC RISK FROM EXTRACORPOREAL SHOCK-WAVE LITHOTRIPSY. Health Physics, 2002, 83, 847-853.	0.5	24
40	PATIENT EFFECTIVE RADIATION DOSE AND ASSOCIATED RISK FROM TRANSMISSION SCANS USING 153GD LINE SOURCES IN CARDIAC SPECT STUDIES. Health Physics, 2002, 83, 66-74.	0.5	24
41	Can radial bone mineral density and quantitative ultrasound measurements reduce the number of women who need axial density skeletal assessment?. Osteoporosis International, 2003, 14, 688-693.	3.1	24
42	The effect of z overscanning on radiation burden of pediatric patients undergoing head CT with multidetector scanners: A Monte Carlo study. Medical Physics, 2006, 33, 2472-2478.	3.0	24
43	Individualized Assessment of Radiation Dose in Patients Undergoing Coronary Computed Tomographic Angiography With 256-Slice Scanning. Circulation, 2010, 122, 2394-2402.	1.6	24
44	Discrimination of hip fractures by quantitative ultrasound of the phalanges and the calcaneus and dual X-ray absorptiometry. European Journal of Radiology, 2004, 50, 268-272.	2.6	23
45	On the use of Monte Carlo-derived dosimetric data in the estimation of patient dose from CT examinations. Medical Physics, 2008, 35, 2018-2028.	3.0	23
46	Effect of X-ray Tube Parameters and Iodine Concentration on Image Quality and Radiation Dose in Cerebral Pediatric and Adult CT Angiography. Investigative Radiology, 2013, 48, 192-199.	6.2	23
47	Normalized conceptus doses for abdominal radiographic examinations calculated using a Monte Carlo technique. Medical Physics, 2002, 29, 2641-2648.	3.0	22
48	Dosimetric characteristics of a 16-slice computed tomography scanner. European Radiology, 2006, 16, 2575-2585.	4.5	22
49	A method of estimating conceptus doses resulting from multidetector CT examinations during all stages of gestation. Medical Physics, 2010, 37, 6411-6420.	3.0	22
50	Triple-Rule-Out Computed Tomography Angiography With 256-Slice Computed Tomography Scanners. Investigative Radiology, 2012, 47, 109-115.	6.2	21
51	Association between increased levels of IL-6 and IL-15 and outcome in patients with early acute respiratory distress syndrome. European Journal of Clinical Investigation, 2002, 32, 862-867.	3.4	19
52	Accidental Embryo Irradiation During Barium Enema Examinations. Investigative Radiology, 1996, 31, 242-245.	6.2	19
53	Th1 cytokine pattern (IL-12 and IL-18) in bronchoalveolar lavage fluid (BALF) before and after treatment with interferon gamma-1b (IFN-gamma-1b) or colchicine in patients with idiopathic pulmonary fibrosis (IPF/UIP). Sarcoidosis Vasculitis and Diffuse Lung Diseases, 2004, 21, 105-10.	0.2	18
54	Radiation Dose and Risk from Fluoroscopically Guided Percutaneous Transhepatic Biliary Procedures. Journal of Vascular and Interventional Radiology, 2006, 17, 77-84.	0.5	17

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55	Embryo Depth During the First Trimester. Investigative Radiology, 1999, 34, 449.	6.2	17
56	Anticipation of Radiation Dose to the Conceptus from Occupational Exposure of Pregnant Staff During Fluoroscopically Guided Electrophysiological Procedures. Journal of Cardiovascular Electrophysiology, 2005, 16, 773-780.	1.7	16
57	Fluoroscopically Assisted Surgical Treatments of Spinal Disorders: Conceptus Radiation Doses and Risks. Spine, 2006, 31, 239-244.	2.0	16
58	Hip fracture discrimination by the Achilles Insight QUS imaging device. European Journal of Radiology, 2007, 63, 59-62.	2.6	16
59	Patient Dose Reduction in CT Examinations by Optimising Scanogram Acquisition. Radiation Protection Dosimetry, 2001, 93, 173-178.	0.8	15
60	Development of a method to estimate organ doses for pediatric CT examinations. Medical Physics, 2016, 43, 2108-2117.	3.0	15
61	The effect of head size/shape, miscentering, and bowtie filter on peak patient tissue doses from modern brain perfusion 256-slice CT: How can we minimize the risk for deterministic effects?. Medical Physics, 2013, 40, 011911.	3.0	14
62	CT Foot Perfusion Examination for Evaluation of Percutaneous Transluminal Angioplasty Outcome in Patients with Critical Limb Ischemia: A Feasibility Study. Journal of Vascular and Interventional Radiology, 2019, 30, 560-568.	0.5	14
63	Radiation burden and associated cancer risk for a typical population to be screened for lung cancer with low-dose CT: A phantom study. European Radiology, 2018, 28, 4370-4378.	4.5	13
64	Radiomics and machine learning to predict aggressive type 2 endoleaks after endovascular aneurysm repair: a proof of concept. Acta Radiologica, 2022, 63, 1293-1299.	1.1	13
65	Occupational Gonadal and Embryo/Fetal Doses From Fluoroscopically Assisted Surgical Treatments of Spinal Disorders. Spine, 2004, 29, 2573-2580.	2.0	12
66	A phase I trial of weekly docetaxel and cisplatin combined to concurrent hyperfractionated radiotherapy for non-small cell lung cancer and squamous cell carcinoma of head and neck. Oncology Reports, 2003, 10, 185-95.	2.6	12
67	Conceptus radiation dose assessment from fluoroscopically assisted surgical treatment of hip fractures. Medical Physics, 2003, 30, 2594-2601.	3.0	11
68	Clinical significance of circulating endothelial adhesion molecules (sE-selectin and sICAM) in untreated multiple myeloma patients. Clinica Chimica Acta, 2004, 349, 39-43.	1.1	11
69	Screening Computed Tomography Colonography With 256-Slice Scanning. Investigative Radiology, 2012, 47, 451-456.	6.2	11
70	Determination of dose-area product from panoramic radiography using a pencil ionization chamber: Normalized data for the estimation of patient effective and organ doses. Medical Physics, 2004, 31, 708-714.	3.0	10
71	Clearance of technetium-99m-DTPA and HRCT findings in the evaluation of patients with Idiopathic Pulmonary Fibrosis. BMC Pulmonary Medicine, 2006, 6, 4.	2.0	10
72	MDCT angiography assessment of renal artery in-stent restenosis: Can we reduce the radiation exposure burden? A feasibility study. European Journal of Radiology, 2011, 79, 224-231.	2.6	10

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73	Perfusion-CT analysis for assessment of hepatocellular carcinoma lesions: diagnostic value of different perfusion maps. <i>Acta Radiologica</i> , 2019, 60, 561-568.	1.1	10
74	A correlative study between diffusion and perfusion MR imaging parameters on peripheral arterial disease data. <i>Magnetic Resonance Imaging</i> , 2019, 55, 26-35.	1.8	10
75	Maximum Embryo Absorbed Dose from Intravenous Urography: Interhospital Variations. <i>Radiation Protection Dosimetry</i> , 1997, 72, 61-65.	0.8	9
76	Broadband ultrasound attenuation imaging: algorithm development and clinical assessment of a region growing technique. <i>Physics in Medicine and Biology</i> , 2002, 47, 315-325.	3.0	9
77	Location of radiosensitive organs inside pediatric anthropomorphic phantoms: Data required for dosimetry. <i>Physica Medica</i> , 2015, 31, 882-888.	0.7	9
78	Data and methods to assess occupational exposure to personnel involved in cardiac catheterization procedures. <i>Physica Medica</i> , 2016, 32, 386-392.	0.7	9
79	Imaging Ultrasonometry of the Calcaneus: Dependence on Calcaneal Area. <i>Calcified Tissue International</i> , 2000, 67, 24-28.	3.1	8
80	Broadband ultrasound attenuation imaging: influence of location of region of measurement. <i>European Radiology</i> , 2001, 11, 1117-1122.	4.5	8
81	Patient effective dose and radiogenic risks from fluoroscopically assisted surgical reconstruction of femoral fractures. <i>Radiation Protection Dosimetry</i> , 2004, 108, 65-72.	0.8	8
82	Hybrid cardiac imaging: Insights in the dilemma of the appropriate clinical management of patients with suspected coronary artery disease. <i>European Journal of Radiology</i> , 2013, 82, 281-287.	2.6	8
83	PAEDIATRIC NECK MULTIDETECTOR COMPUTED TOMOGRAPHY: THE EFFECT OF BISMUTH SHIELDING ON THYROID DOSE AND IMAGE QUALITY. <i>Radiation Protection Dosimetry</i> , 2017, 173, ncw007.	0.8	8
84	Pegulated liposomal doxorubicin and cisplatin given concurrently with conventional radiotherapy: A phase I dose-escalation trial for patients with squamous cell carcinoma of head and neck and lung. <i>Oncology Reports</i> , 2004, 12, 473-81.	2.6	7
85	PET/CT and PET/MRI in ophthalmic oncology (Review). <i>International Journal of Oncology</i> , 2020, 56, 417-429.	3.3	7
86	Title is missing!. <i>Investigative Radiology</i> , 2003, 38, 207-211.	6.2	6
87	What is the underestimation of radiation dose to the pediatric thyroid gland from contrast enhanced CT, if contrast medium uptake is not taken into account?. <i>Physica Medica</i> , 2018, 49, 95-98.	0.7	6
88	Film-Screen Magnification Versus Electronic Magnification and Enhancement of Digitized Contact Mammograms in the Assessment of Subtle Microcalcifications. <i>Investigative Radiology</i> , 2001, 36, 726-733.	6.2	5
89	Hyperthermic isolated limb perfusion. The switch from Steinmann pins to Omni-tract assisted isolation. <i>Journal of Surgical Research</i> , 2017, 213, 147-157.	1.6	5
90	Comparison of patient dose from routine multi-phase and dynamic liver perfusion CT studies taking into account the effect of iodinated contrast administration. <i>European Journal of Radiology</i> , 2019, 110, 39-44.	2.6	5

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91	CT liver perfusion in patients with hepatocellular carcinoma: can we modify acquisition protocol to reduce patient exposure?. European Radiology, 2021, 31, 1410-1419.	4.5	5
92	Discrimination of High-Risk Type-2 Endoleak after Endovascular Aneurysm Repair through CT Perfusion: A Feasibility Study. Journal of Vascular and Interventional Radiology, 2021, 32, 807-812.	0.5	5
93	Personalized assessment of radiation risks from the one-stop-shop myocardial 256-slice CT examination. International Journal of Cardiology, 2013, 168, 5267-5272.	1.7	4
94	Comparison of methods for assessing geometric efficiency on multi-detector CT scanners. Physica Medica, 2013, 29, 312-322.	0.7	4
95	Dual-energy CT imaging of orbits during episcleral brachytherapy with Ru-106 plaques: A phantom study on its potential for plaque position verification. Physica Medica, 2020, 73, 1-7.	0.7	4
96	The effect of heart rate, vessel angulation and acquisition protocol on the estimation accuracy of calcified artery stenosis in dual energy cardiac CT: A phantom study. Physica Medica, 2020, 70, 208-215.	0.7	4
97	A novel personalized dosimetry method for endovascular aneurysm repair (EVAR) procedures. European Radiology, 2021, 31, 6547-6554.	4.5	4
98	Radiation exposure to infants undergoing voiding cystourethrography: The importance of the digital imaging technology. Physica Medica, 2021, 85, 123-128.	0.7	4
99	Dual-energy CT angiography in imaging surveillance of endovascular aneurysm repair “ Preliminary study results. European Journal of Radiology, 2022, 148, 110165.	2.6	4
100	Image-guided Reconstruction of Femoral Fractures. Clinical Orthopaedics and Related Research, 2005, 430, 182-188.	1.5	3
101	Does lung perfusion scintigraphy continue to have a role in the clinical management of patients suspected of pulmonary embolism in the CT pulmonary angiography era?. Annals of Nuclear Medicine, 2018, 32, 709-714.	2.2	3
102	Accuracy of multislice CT angiography for the assessment of in-stent restenoses in the iliac arteries at reduced dose: a phantom study. British Journal of Radiology, 2011, 84, 244-250.	2.2	2
103	“Pulmonary embolism diagnostics of pregnant patients: What is the recommended clinical pathway considering the clinical value and associated radiation risks of available imaging tests?” Physica Medica, 2017, 43, 178-185.	0.7	2
104	Dynamic CT perfusion imaging for type 2 endoleak assessment after endograft placement. Medical Hypotheses, 2020, 139, 109701.	1.5	2
105	CT coronary angiography in asymptomatic male patients with high atherosclerosis risk: Is it justified?. Hellenic Journal of Cardiology, 2021, 62, 129-134.	1.0	2
106	MRI and dual-energy CT fusion anatomic imaging in Ru-106 ophthalmic brachytherapy. Brachytherapy, 2021, 20, 828-834.	0.5	2
107	Data and methods to estimate fetal dose from fluoroscopically guided prophylactic hypogastric artery balloon occlusion. Medical Physics, 2016, 43, 2990-2997.	3.0	1
108	Effect of scan projection radiography coverage on tube current modulation in pediatric and adult chest CT. Zeitschrift Fur Medizinische Physik, 2020, 30, 259-270.	1.5	1

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109	Gel dosimetry in diagnostic radiology: Measurement of the z-axis geometric efficiency in modern MDCT scanners. Journal of Physics: Conference Series, 2006, 56, 272-275.	0.4	0
110	Breast bismuth shielding in coronary CT angiography: To shield or not to shield?. Physica Medica, 2016, 32, 233.	0.7	0
111	Are obesity indices derived by dual-energy x-ray absorptiometry capable of identifying postmenopausal females with high risk for coronary heart disease?. Menopause, 2019, 26, 765-770.	2.0	0
112	SUâ€¢FFâ€¢â€¢â€¢48: Normalized Conceptus Doses for Multiâ€¢Detector CT Examinations : A Monte Carlo Study. Medical Physics, 2007, 34, 2349-2349.	3.0	0