

# Kostas Perisinakis

## List of Publications by Year in descending order

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112  
papers

3,310  
citations

159358

30  
h-index

161609

54  
g-index

112  
all docs

112  
docs citations

112  
times ranked

3024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiomics and machine learning to predict aggressive type 2 endoleaks after endovascular aneurysm repair: a proof of concept. <i>Acta Radiologica</i> , 2022, 63, 1293-1299.	0.5	13
2	Dual-energy CT angiography in imaging surveillance of endovascular aneurysm repair – Preliminary study results. <i>European Journal of Radiology</i> , 2022, 148, 110165.	1.2	4
3	CT coronary angiography in asymptomatic male patients with high atherosclerosis risk: Is it justified?. <i>Hellenic Journal of Cardiology</i> , 2021, 62, 129-134.	0.4	2
4	CT liver perfusion in patients with hepatocellular carcinoma: can we modify acquisition protocol to reduce patient exposure?. <i>European Radiology</i> , 2021, 31, 1410-1419.	2.3	5
5	A novel personalized dosimetry method for endovascular aneurysm repair (EVAR) procedures. <i>European Radiology</i> , 2021, 31, 6547-6554.	2.3	4
6	Radiation exposure to infants undergoing voiding cystourethrography: The importance of the digital imaging technology. <i>Physica Medica</i> , 2021, 85, 123-128.	0.4	4
7	Discrimination of High-Risk Type-2 Endoleak after Endovascular Aneurysm Repair through CT Perfusion: A Feasibility Study. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 807-812.	0.2	5
8	MRI and dual-energy CT fusion anatomic imaging in Ru-106 ophthalmic brachytherapy. <i>Brachytherapy</i> , 2021, 20, 828-834.	0.2	2
9	Effect of scan projection radiography coverage on tube current modulation in pediatric and adult chest CT. <i>Zeitschrift Fur Medizinische Physik</i> , 2020, 30, 259-270.	0.6	1
10	Dual-energy CT imaging of orbits during episcleral brachytherapy with Ru-106 plaques: A phantom study on its potential for plaque position verification. <i>Physica Medica</i> , 2020, 73, 1-7.	0.4	4
11	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. <i>Physica Medica</i> , 2020, 70, 208-215.	0.4	4
12	Dynamic CT perfusion imaging for type 2 endoleak assessment after endograft placement. <i>Medical Hypotheses</i> , 2020, 139, 109701.	0.8	2
13	PET/CT and PET/MRI in ophthalmic oncology (Review). <i>International Journal of Oncology</i> , 2020, 56, 417-429.	1.4	7
14	Perfusion-CT analysis for assessment of hepatocellular carcinoma lesions: diagnostic value of different perfusion maps. <i>Acta Radiologica</i> , 2019, 60, 561-568.	0.5	10
15	A correlative study between diffusion and perfusion MR imaging parameters on peripheral arterial disease data. <i>Magnetic Resonance Imaging</i> , 2019, 55, 26-35.	1.0	10
16	CT Foot Perfusion Examination for Evaluation of Percutaneous Transluminal Angioplasty Outcome in Patients with Critical Limb Ischemia: A Feasibility Study. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 560-568.	0.2	14
17	Are obesity indices derived by dual-energy x-ray absorptiometry capable of identifying postmenopausal females with high risk for coronary heart disease?. <i>Menopause</i> , 2019, 26, 765-770.	0.8	0
18	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.	1.2	5

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19	Radiation burden and associated cancer risk for a typical population to be screened for lung cancer with low-dose CT: A phantom study. <i>European Radiology</i> , 2018, 28, 4370-4378.	2.3	13
20	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.	2.3	27
21	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?. <i>Annals of Nuclear Medicine</i> , 2018, 32, 709-714.	1.2	3
22	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.	0.4	6
23	PAEDIATRIC NECK MULTIDETECTOR COMPUTED TOMOGRAPHY: THE EFFECT OF BISMUTH SHIELDING ON THYROID DOSE AND IMAGE QUALITY. <i>Radiation Protection Dosimetry</i> , 2017, 173, ncw007.	0.4	8
24	Hyperthermic isolated limb perfusion. The switch from Steinmann pins to Omni-tract assisted isolation. <i>Journal of Surgical Research</i> , 2017, 213, 147-157.	0.8	5
25	âœPulmonary embolism diagnostics of pregnant patients: What is the recommended clinical pathway considering the clinical value and associated radiation risks of available imaging tests?âœ. <i>Physica Medica</i> , 2017, 43, 178-185.	0.4	2
26	Data and methods to estimate fetal dose from fluoroscopically guided prophylactic hypogastric artery balloon occlusion. <i>Medical Physics</i> , 2016, 43, 2990-2997.	1.6	1
27	Development of a method to estimate organ doses for pediatric CT examinations. <i>Medical Physics</i> , 2016, 43, 2108-2117.	1.6	15
28	Breast bismuth shielding in coronary CT angiography: To shield or not to shield?. <i>Physica Medica</i> , 2016, 32, 233.	0.4	0
29	Data and methods to assess occupational exposure to personnel involved in cardiac catheterization procedures. <i>Physica Medica</i> , 2016, 32, 386-392.	0.4	9
30	Location of radiosensitive organs inside pediatric anthropomorphic phantoms: Data required for dosimetry. <i>Physica Medica</i> , 2015, 31, 882-888.	0.4	9
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.	2.3	31
32	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.	2.8	36
33	The effect of head size/shape, miscentering, and bowtie filter on peak patient tissue doses from modern brain perfusion 256â€slice CT: How can we minimize the risk for deterministic effects?. <i>Medical Physics</i> , 2013, 40, 011911.	1.6	14
34	Personalized assessment of radiation risks from the one-stop-shop myocardial 256-slice CT examination. <i>International Journal of Cardiology</i> , 2013, 168, 5267-5272.	0.8	4
35	Comparison of methods for assessing geometric efficiency on multi-detector CT scanners. <i>Physica Medica</i> , 2013, 29, 312-322.	0.4	4
36	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.	1.2	8

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37	Alterations of Global Gastrointestinal Motility After Sleeve Gastrectomy. <i>Annals of Surgery</i> , 2013, 258, 976-982.	2.1	133
38	Effect of X-ray Tube Parameters and Iodine Concentration on Image Quality and Radiation Dose in Cerebral Pediatric and Adult CT Angiography. <i>Investigative Radiology</i> , 2013, 48, 192-199.	3.5	23
39	Triple-Rule-Out Computed Tomography Angiography With 256-Slice Computed Tomography Scanners. <i>Investigative Radiology</i> , 2012, 47, 109-115.	3.5	21
40	Screening Computed Tomography Colonography With 256-Slice Scanning. <i>Investigative Radiology</i> , 2012, 47, 451-456.	3.5	11
41	MDCT angiography assessment of renal artery in-stent restenosis: Can we reduce the radiation exposure burden? A feasibility study. <i>European Journal of Radiology</i> , 2011, 79, 224-231.	1.2	10
42	Automatic Exposure Control in Pediatric and Adult Computed Tomography Examinations. <i>Investigative Radiology</i> , 2011, 46, 654-662.	3.5	25
43	Accuracy of multislice CT angiography for the assessment of in-stent restenoses in the iliac arteries at reduced dose: a phantom study. <i>British Journal of Radiology</i> , 2011, 84, 244-250.	1.0	2
44	A method of estimating conceptus doses resulting from multidetector CT examinations during all stages of gestation. <i>Medical Physics</i> , 2010, 37, 6411-6420.	1.6	22
45	Eye-lens bismuth shielding in paediatric head CT: artefact evaluation and reduction. <i>Pediatric Radiology</i> , 2010, 40, 1748-1754.	1.1	42
46	Individualized Assessment of Radiation Dose in Patients Undergoing Coronary Computed Tomographic Angiography With 256-Slice Scanning. <i>Circulation</i> , 2010, 122, 2394-2402.	1.6	24
47	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.	3.6	38
48	Evaluation of a patient-specific Monte Carlo software for CT dosimetry. <i>Radiation Protection Dosimetry</i> , 2009, 133, 248-255.	0.4	36
49	Therapeutic ERCP and pregnancy: is the radiation risk for the conceptus trivial?. <i>Gastrointestinal Endoscopy</i> , 2009, 69, 824-831.	0.5	57
50	The effect of x-ray beam quality and geometry on radiation utilization efficiency in multidetector CT imaging. <i>Medical Physics</i> , 2009, 36, 1258-1266.	1.6	25
51	Automatic exposure control in pediatric and adult multidetector CT examinations: A phantom study on dose reduction and image quality. <i>Medical Physics</i> , 2008, 35, 4567-4576.	1.6	85
52	On the use of Monte Carlo-derived dosimetric data in the estimation of patient dose from CT examinations. <i>Medical Physics</i> , 2008, 35, 2018-2028.	1.6	23
53	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.	1.6	25
54	Influence of z overscanning on normalized effective doses calculated for pediatric patients undergoing multidetector CT examinations. <i>Medical Physics</i> , 2007, 34, 1163-1175.	1.6	51

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55	Angular onâ€line tube current modulation in multidetector CT examinations of children and adults: The influence of different scanning parameters on dose reduction. Medical Physics, 2007, 34, 2864-2874.	1.6	38
56	Hip fracture discrimination by the Achilles Insight QUS imaging device. European Journal of Radiology, 2007, 63, 59-62.	1.2	16
57	Sleeve Gastrectomy â€” A Restrictive Procedure?. Obesity Surgery, 2007, 17, 57-62.	1.1	351
58	SUâ€FFâ€Câ€48: Normalized Conceptus Doses for Multiâ€Detector CT Examinations : A Monte Carlo Study. Medical Physics, 2007, 34, 2349-2349.	1.6	0
59	Estimation of effective doses to adult and pediatric patients from multislice computed tomography: A method based on energy imparted. Medical Physics, 2006, 33, 3846-3856.	1.6	29
60	Radiation Dose and Risk from Fluoroscopically Guided Percutaneous Transhepatic Biliary Procedures. Journal of Vascular and Interventional Radiology, 2006, 17, 77-84.	0.2	17
61	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.	0.3	0
62	Fluoroscopically Assisted Surgical Treatments of Spinal Disorders: Conceptus Radiation Doses and Risks. Spine, 2006, 31, 239-244.	1.0	16
63	Clearance of technetium-99m-DTPA and HRCT findings in the evaluation of patients with Idiopathic Pulmonary Fibrosis. BMC Pulmonary Medicine, 2006, 6, 4.	0.8	10
64	Fluoroscopy-controlled voiding cystourethrography in infants and children: Are the radiation risks trivial?. European Radiology, 2006, 16, 846-851.	2.3	61
65	Dosimetric characteristics of a 16-slice computed tomography scanner. European Radiology, 2006, 16, 2575-2585.	2.3	22
66	Occupational exposure in the electrophysiology laboratory: quantifying and minimizing radiation burden. British Journal of Radiology, 2006, 79, 644-651.	1.0	75
67	Normalized dose data for upper gastrointestinal tract contrast studies performed to infants. Medical Physics, 2006, 33, 1033-1040.	1.6	33
68	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.	1.6	24
69	Image-guided Reconstruction of Femoral Fractures. Clinical Orthopaedics and Related Research, 2005, 430, 182-188.	0.7	3
70	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.	0.8	16
71	The effect of z overscanning on patient effective dose from multidetector helical computed tomography examinations. Medical Physics, 2005, 32, 1621-1629.	1.6	120
72	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.	1.6	46

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73	Fluoroscopically Guided Implantation of Modern Cardiac Resynchronization Devices. <i>Journal of the American College of Cardiology</i> , 2005, 46, 2335-2339.	1.2	51
74	Determination of dose-area product from panoramic radiography using a pencil ionization chamber: Normalized data for the estimation of patient effective and organ doses. <i>Medical Physics</i> , 2004, 31, 708-714.	1.6	10
75	Patient effective dose and radiogenic risks from fluoroscopically assisted surgical reconstruction of femoral fractures. <i>Radiation Protection Dosimetry</i> , 2004, 108, 65-72.	0.4	8
76	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.	2.0	37
77	Clinical significance of circulating endothelial adhesion molecules (sE-selectin and sICAM) in untreated multiple myeloma patients. <i>Clinica Chimica Acta</i> , 2004, 349, 39-43.	0.5	11
78	Discrimination of hip fractures by quantitative ultrasound of the phalanges and the calcaneus and dual X-ray absorptiometry. <i>European Journal of Radiology</i> , 2004, 50, 268-272.	1.2	23
79	Estimation of Patient Dose and Associated Radiogenic Risks From Fluoroscopically Guided Pedicle Screw Insertion. <i>Spine</i> , 2004, 29, 1555-1560.	1.0	107
80	Occupational Gonadal and Embryo/Fetal Doses From Fluoroscopically Assisted Surgical Treatments of Spinal Disorders. <i>Spine</i> , 2004, 29, 2573-2580.	1.0	12
81	Patient Exposure and Associated Radiation Risks from Fluoroscopically Guided Vertebroplasty or Kyphoplasty. <i>Radiology</i> , 2004, 232, 701-707.	3.6	87
82	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.	1.2	7
83	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). <i>Sarcoidosis Vasculitis and Diffuse Lung Diseases</i> , 2004, 21, 105-10.	0.2	18
84	Conceptus radiation dose and risk from chest screen-film radiography. <i>European Radiology</i> , 2003, 13, 406-412.	2.3	32
85	Radiogenic risks from hysterosalpingography. <i>European Radiology</i> , 2003, 13, 1522-1528.	2.3	45
86	Can radial bone mineral density and quantitative ultrasound measurements reduce the number of women who need axial density skeletal assessment?. <i>Osteoporosis International</i> , 2003, 14, 688-693.	1.3	24
87	Conceptus radiation dose assessment from fluoroscopically assisted surgical treatment of hip fractures. <i>Medical Physics</i> , 2003, 30, 2594-2601.	1.6	11
88	Title is missing!. <i>Investigative Radiology</i> , 2003, 38, 207-211.	3.5	6
89	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.	3.5	32
90	OCCUPATIONAL EXPOSURE FROM COMMON FLUOROSCOPIC PROJECTIONS USED IN ORTHOPAEDIC SURGERY. <i>Journal of Bone and Joint Surgery - Series A</i> , 2003, 85, 1698-1703.	1.4	182

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91	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. <i>Oncology Reports</i> , 2003, 10, 185-95.	1.2	12
92	Normalized conceptus doses for abdominal radiographic examinations calculated using a Monte Carlo technique. <i>Medical Physics</i> , 2002, 29, 2641-2648.	1.6	22
93	Comparison of four methods for assessing patient effective dose from radiological examinations. <i>Medical Physics</i> , 2002, 29, 2070-2079.	1.6	30
94	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.	1.6	9
95	ASSESSMENT OF PATIENT EFFECTIVE RADIATION DOSE AND ASSOCIATED RADIOGENIC RISK FROM EXTRACORPOREAL SHOCK-WAVE LITHOTRIPSY. <i>Health Physics</i> , 2002, 83, 847-853.	0.3	24
96	PATIENT EFFECTIVE RADIATION DOSE AND ASSOCIATED RISK FROM TRANSMISSION SCANS USING 153GD LINE SOURCES IN CARDIAC SPECT STUDIES. <i>Health Physics</i> , 2002, 83, 66-74.	0.3	24
97	The predictive role of serum and bronchoalveolar lavage cytokines and adhesion molecules for acute respiratory distress syndrome development and outcome. <i>Respiratory Research</i> , 2002, 3, 25.	1.4	87
98	Embryo/Fetus Radiation Dose and Risk from Dual X-ray Absorptiometry Examinations. <i>Osteoporosis International</i> , 2002, 13, 716-722.	1.3	42
99	Association between increased levels of IL-2 and IL-15 and outcome in patients with early acute respiratory distress syndrome. <i>European Journal of Clinical Investigation</i> , 2002, 32, 862-867.	1.7	19
100	Accurate Assessment of Patient Effective Radiation Dose and Associated Detriment Risk From Radiofrequency Catheter Ablation Procedures. <i>Circulation</i> , 2001, 104, 58-62.	1.6	154
101	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.	3.5	5
102	Patient Dose Reduction in CT Examinations by Optimising Scanogram Acquisition. <i>Radiation Protection Dosimetry</i> , 2001, 93, 173-178.	0.4	15
103	Imaging Ultrasonometry of the Calcaneus: Optimum T-Score Thresholds for the Identification of Osteoporotic Subjects. <i>Calcified Tissue International</i> , 2001, 68, 219-224.	1.5	49
104	Broadband ultrasound attenuation imaging: influence of location of region of measurement. <i>European Radiology</i> , 2001, 11, 1117-1122.	2.3	8
105	Conceptus Radiation Dose and Risk From Cardiac Catheter Ablation Procedures. <i>Circulation</i> , 2001, 104, 893-897.	1.6	106
106	Estimation of Fetal Radiation Dose from Computed Tomography Scanning in Late Pregnancy. <i>Investigative Radiology</i> , 2000, 35, 527-533.	3.5	68
107	Imaging Ultrasonometry of the Calcaneus: Dependence on Calcaneal Area. <i>Calcified Tissue International</i> , 2000, 67, 24-28.	1.5	8
108	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.	1.5	31

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109	Embryo Depth During the First Trimester. <i>Investigative Radiology</i> , 1999, 34, 449.	3.5	17
110	Effect of Region of Interest Location on Ultrasound Measurements of the Calcaneus. <i>Calcified Tissue International</i> , 1998, 63, 300-305.	1.5	28
111	Maximum Embryo Absorbed Dose from Intravenous Urography: Interhospital Variations. <i>Radiation Protection Dosimetry</i> , 1997, 72, 61-65.	0.4	9
112	Accidental Embryo Irradiation During Barium Enema Examinations. <i>Investigative Radiology</i> , 1996, 31, 242-245.	3.5	19