

# Kostas Perisinakis

## List of Publications by Year in descending order

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112  
papers

3,310  
citations

159585  
30  
h-index

161849  
54  
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112  
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112  
docs citations

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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.	1.1	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.	2.6	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.	1.0	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.	4.5	5
5	A novel personalized dosimetry method for endovascular aneurysm repair (EVAR) procedures. <i>European Radiology</i> , 2021, 31, 6547-6554.	4.5	4
6	Radiation exposure to infants undergoing voiding cystourethrography: The importance of the digital imaging technology. <i>Physica Medica</i> , 2021, 85, 123-128.	0.7	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.	0.5	5
8	MRI and dual-energy CT fusion anatomic imaging in Ru-106 ophthalmic brachytherapy. <i>Brachytherapy</i> , 2021, 20, 828-834.	0.5	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.	1.5	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.	0.7	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.	0.7	4
12	Dynamic CT perfusion imaging for type 2 endoleak assessment after endograft placement. <i>Medical Hypotheses</i> , 2020, 139, 109701.	1.5	2
13	PET/CT and PET/MRI in ophthalmic oncology (Review). <i>International Journal of Oncology</i> , 2020, 56, 417-429.	3.3	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.	1.1	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.	1.8	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.	0.5	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.	2.0	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.	2.6	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.	4.5	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.	4.5	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.	2.2	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.	0.7	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.	0.8	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.	1.6	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.	0.7	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.	3.0	1
27	Development of a method to estimate organ doses for pediatric CT examinations. <i>Medical Physics</i> , 2016, 43, 2108-2117.	3.0	15
28	Breast bismuth shielding in coronary CT angiography: To shield or not to shield?. <i>Physica Medica</i> , 2016, 32, 233.	0.7	0
29	Data and methods to assess occupational exposure to personnel involved in cardiac catheterization procedures. <i>Physica Medica</i> , 2016, 32, 386-392.	0.7	9
30	Location of radiosensitive organs inside pediatric anthropomorphic phantoms: Data required for dosimetry. <i>Physica Medica</i> , 2015, 31, 882-888.	0.7	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.	4.5	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.	5.0	36
33	The effect of head size/shape, miscentering, and bowtie filter on peak patient tissue doses from modern brain perfusion 256âœslice CT: How can we minimize the risk for deterministic effects?. <i>Medical Physics</i> , 2013, 40, 011911.	3.0	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.	1.7	4
35	Comparison of methods for assessing geometric efficiency on multi-detector CT scanners. <i>Physica Medica</i> , 2013, 29, 312-322.	0.7	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.	2.6	8

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37	Alterations of Global Gastrointestinal Motility After Sleeve Gastrectomy. <i>Annals of Surgery</i> , 2013, 258, 976-982.	4.2	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.	6.2	23
39	Triple-Rule-Out Computed Tomography Angiography With 256-Slice Computed Tomography Scanners. <i>Investigative Radiology</i> , 2012, 47, 109-115.	6.2	21
40	Screening Computed Tomography Colonography With 256-Slice Scanning. <i>Investigative Radiology</i> , 2012, 47, 451-456.	6.2	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.	2.6	10
42	Automatic Exposure Control in Pediatric and Adult Computed Tomography Examinations. <i>Investigative Radiology</i> , 2011, 46, 654-662.	6.2	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.	2.2	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.	3.0	22
45	Eye-lens bismuth shielding in paediatric head CT: artefact evaluation and reduction. <i>Pediatric Radiology</i> , 2010, 40, 1748-1754.	2.0	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.	7.3	38
48	Evaluation of a patient-specific Monte Carlo software for CT dosimetry. <i>Radiation Protection Dosimetry</i> , 2009, 133, 248-255.	0.8	36
49	Therapeutic ERCP and pregnancy: is the radiation risk for the conceptus trivial?. <i>Gastrointestinal Endoscopy</i> , 2009, 69, 824-831.	1.0	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.	3.0	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.	3.0	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.	3.0	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.	3.0	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.	3.0	51

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55	Angular on-axis 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.	3.0	38
56	Hip fracture discrimination by the Achilles Insight QUS imaging device. European Journal of Radiology, 2007, 63, 59-62.	2.6	16
57	Sleeve Gastrectomy "A Restrictive Procedure?". Obesity Surgery, 2007, 17, 57-62.	2.1	351
58	SUACFA-48: Normalized Conceptus Doses for Multidetector CT Examinations : A Monte Carlo Study. Medical Physics, 2007, 34, 2349-2349.	3.0	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.	3.0	29
60	Radiation Dose and Risk from Fluoroscopically Guided Percutaneous Transhepatic Biliary Procedures. Journal of Vascular and Interventional Radiology, 2006, 17, 77-84.	0.5	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.	0.4	0
62	Fluoroscopically Assisted Surgical Treatments of Spinal Disorders: Conceptus Radiation Doses and Risks. Spine, 2006, 31, 239-244.	2.0	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.	2.0	10
64	Fluoroscopy-controlled voiding cystourethrography in infants and children: Are the radiation risks trivial?. European Radiology, 2006, 16, 846-851.	4.5	61
65	Dosimetric characteristics of a 16-slice computed tomography scanner. European Radiology, 2006, 16, 2575-2585.	4.5	22
66	Occupational exposure in the electrophysiology laboratory: quantifying and minimizing radiation burden. British Journal of Radiology, 2006, 79, 644-651.	2.2	75
67	Normalized dose data for upper gastrointestinal tract contrast studies performed to infants. Medical Physics, 2006, 33, 1033-1040.	3.0	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.	3.0	24
69	Image-guided Reconstruction of Femoral Fractures. Clinical Orthopaedics and Related Research, 2005, 430, 182-188.	1.5	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.	1.7	16
71	The effect of z overscanning on patient effective dose from multidetector helical computed tomography examinations. Medical Physics, 2005, 32, 1621-1629.	3.0	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.	3.0	46

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73	Fluoroscopically Guided Implantation of Modern Cardiac Resynchronization Devices. Journal of the American College of Cardiology, 2005, 46, 2335-2339.	2.8	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. Medical Physics, 2004, 31, 708-714.	3.0	10
75	Patient effective dose and radiogenic risks from fluoroscopically assisted surgical reconstruction of femoral fractures. Radiation Protection Dosimetry, 2004, 108, 65-72.	0.8	8
76	Serum level of interleukin-16 in multiple myeloma patients and its relationship to disease activity. American Journal of Hematology, 2004, 75, 101-106.	4.1	37
77	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
78	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
79	Estimation of Patient Dose and Associated Radiogenic Risks From Fluoroscopically Guided Pedicle Screw Insertion. Spine, 2004, 29, 1555-1560.	2.0	107
80	Occupational Gonadal and Embryo/Fetal Doses From Fluoroscopically Assisted Surgical Treatments of Spinal Disorders. Spine, 2004, 29, 2573-2580.	2.0	12
81	Patient Exposure and Associated Radiation Risks from Fluoroscopically Guided Vertebroplasty or Kyphoplasty. Radiology, 2004, 232, 701-707.	7.3	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. Oncology Reports, 2004, 12, 473-81.	2.6	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). Sarcoidosis Vasculitis and Diffuse Lung Diseases, 2004, 21, 105-10.	0.2	18
84	Conceptus radiation dose and risk from chest screen-film radiography. European Radiology, 2003, 13, 406-412.	4.5	32
85	Radiogenic risks from hysterosalpingography. European Radiology, 2003, 13, 1522-1528.	4.5	45
86	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
87	Conceptus radiation dose assessment from fluoroscopically assisted surgical treatment of hip fractures. Medical Physics, 2003, 30, 2594-2601.	3.0	11
88	Title is missing!. Investigative Radiology, 2003, 38, 207-211.	6.2	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. Investigative Radiology, 2003, 38, 207-211.	6.2	32
90	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

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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.	2.6	12
92	Normalized conceptus doses for abdominal radiographic examinations calculated using a Monte Carlo technique. <i>Medical Physics</i> , 2002, 29, 2641-2648.	3.0	22
93	Comparison of four methods for assessing patient effective dose from radiological examinations. <i>Medical Physics</i> , 2002, 29, 2070-2079.	3.0	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.	3.0	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.	0.5	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.	0.5	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.	3.6	87
98	Embryo/Fetus Radiation Dose and Risk from Dual X-ray Absorptiometry Examinations. <i>Osteoporosis International</i> , 2002, 13, 716-722.	3.1	42
99	Association between increased levels of IL-6 and IL-8 and outcome in patients with early acute respiratory distress syndrome. <i>European Journal of Clinical Investigation</i> , 2002, 32, 862-867.	3.4	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.	6.2	5
102	Patient Dose Reduction in CT Examinations by Optimising Scanogram Acquisition. <i>Radiation Protection Dosimetry</i> , 2001, 93, 173-178.	0.8	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.	3.1	49
104	Broadband ultrasound attenuation imaging: influence of location of region of measurement. <i>European Radiology</i> , 2001, 11, 1117-1122.	4.5	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.	6.2	68
107	Imaging Ultrasonometry of the Calcaneus: Dependence on Calcaneal Area. <i>Calcified Tissue International</i> , 2000, 67, 24-28.	3.1	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.	3.1	31

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109	Embryo Depth During the First Trimester. Investigative Radiology, 1999, 34, 449.	6.2	17
110	Effect of Region of Interest Location on Ultrasound Measurements of the Calcaneus. Calcified Tissue International, 1998, 63, 300-305.	3.1	28
111	Maximum Embryo Absorbed Dose from Intravenous Urography: Interhospital Variations. Radiation Protection Dosimetry, 1997, 72, 61-65.	0.8	9
112	Accidental Embryo Irradiation During Barium Enema Examinations. Investigative Radiology, 1996, 31, 242-245.	6.2	19