

Kostas Perisinakis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2245352/publications.pdf>

Version: 2024-02-01

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	Sleeve Gastrectomy – A Restrictive Procedure?. Obesity Surgery, 2007, 17, 57-62.	1.1	351
2	OCCUPATIONAL EXPOSURE FROM COMMON FLUOROSCOPIC PROJECTIONS USED IN ORTHOPAEDIC SURGERY. Journal of Bone and Joint Surgery - Series A, 2003, 85, 1698-1703.	1.4	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.	2.1	133
5	The effect of z overscanning on patient effective dose from multidetector helical computed tomography examinations. Medical Physics, 2005, 32, 1621-1629.	1.6	120
6	Estimation of Patient Dose and Associated Radiogenic Risks From Fluoroscopically Guided Pedicle Screw Insertion. Spine, 2004, 29, 1555-1560.	1.0	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.	1.4	87
9	Patient Exposure and Associated Radiation Risks from Fluoroscopically Guided Vertebroplasty or Kyphoplasty. Radiology, 2004, 232, 701-707.	3.6	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.	1.6	85
11	Occupational exposure in the electrophysiology laboratory: quantifying and minimizing radiation burden. British Journal of Radiology, 2006, 79, 644-651.	1.0	75
12	Estimation of Fetal Radiation Dose from Computed Tomography Scanning in Late Pregnancy. Investigative Radiology, 2000, 35, 527-533.	3.5	68
13	Fluoroscopy-controlled voiding cystourethrography in infants and children: Are the radiation risks trivial?. European Radiology, 2006, 16, 846-851.	2.3	61
14	Therapeutic ERCP and pregnancy: is the radiation risk for the conceptus trivial?. Gastrointestinal Endoscopy, 2009, 69, 824-831.	0.5	57
15	Fluoroscopically Guided Implantation of Modern Cardiac Resynchronization Devices. Journal of the American College of Cardiology, 2005, 46, 2335-2339.	1.2	51
16	Influence of z overscanning on normalized effective doses calculated for pediatric patients undergoing multidetector CT examinations. Medical Physics, 2007, 34, 1163-1175.	1.6	51
17	Imaging Ultrasonometry of the Calcaneus: Optimum T-Score Thresholds for the Identification of Osteoporotic Subjects. Calcified Tissue International, 2001, 68, 219-224.	1.5	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.	1.6	46

#	ARTICLE	IF	CITATIONS
19	Radiogenic risks from hysterosalpingography. <i>European Radiology</i> , 2003, 13, 1522-1528.	2.3	45
20	Embryo/Fetus Radiation Dose and Risk from Dual X-ray Absorptiometry Examinations. <i>Osteoporosis International</i> , 2002, 13, 716-722.	1.3	42
21	Eye-lens bismuth shielding in paediatric head CT: artefact evaluation and reduction. <i>Pediatric Radiology</i> , 2010, 40, 1748-1754.	1.1	42
22	Angular onâ€line 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.	1.6	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.	3.6	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.	2.0	37
25	Evaluation of a patient-specific Monte Carlo software for CT dosimetry. <i>Radiation Protection Dosimetry</i> , 2009, 133, 248-255.	0.4	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.	2.8	36
27	Normalized dose data for upper gastrointestinal tract contrast studies performed to infants. <i>Medical Physics</i> , 2006, 33, 1033-1040.	1.6	33
28	Conceptus radiation dose and risk from chest screen-film radiography. <i>European Radiology</i> , 2003, 13, 406-412.	2.3	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.	3.5	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.	1.5	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.	2.3	31
32	Comparison of four methods for assessing patient effective dose from radiological examinations. <i>Medical Physics</i> , 2002, 29, 2070-2079.	1.6	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.	1.6	29
34	Effect of Region of Interest Location on Ultrasound Measurements of the Calcaneus. <i>Calcified Tissue International</i> , 1998, 63, 300-305.	1.5	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.	2.3	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.	1.6	25

#	ARTICLE	IF	CITATIONS
37	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
38	Automatic Exposure Control in Pediatric and Adult Computed Tomography Examinations. <i>Investigative Radiology</i> , 2011, 46, 654-662.	3.5	25
39	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
40	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
41	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
42	The effect of z overscanning on radiation burden of pediatric patients undergoing head CT with multidetector scanners: A Monte Carlo study. <i>Medical Physics</i> , 2006, 33, 2472-2478.	1.6	24
43	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
44	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
45	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
46	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
47	Normalized conceptus doses for abdominal radiographic examinations calculated using a Monte Carlo technique. <i>Medical Physics</i> , 2002, 29, 2641-2648.	1.6	22
48	Dosimetric characteristics of a 16-slice computed tomography scanner. <i>European Radiology</i> , 2006, 16, 2575-2585.	2.3	22
49	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
50	Triple-Rule-Out Computed Tomography Angiography With 256-Slice Computed Tomography Scanners. <i>Investigative Radiology</i> , 2012, 47, 109-115.	3.5	21
51	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
52	Accidental Embryo Irradiation During Barium Enema Examinations. <i>Investigative Radiology</i> , 1996, 31, 242-245.	3.5	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). <i>Sarcoidosis Vasculitis and Diffuse Lung Diseases</i> , 2004, 21, 105-10.	0.2	18
54	Radiation Dose and Risk from Fluoroscopically Guided Percutaneous Transhepatic Biliary Procedures. <i>Journal of Vascular and Interventional Radiology</i> , 2006, 17, 77-84.	0.2	17

#	ARTICLE	IF	CITATIONS
55	Embryo Depth During the First Trimester. <i>Investigative Radiology</i> , 1999, 34, 449.	3.5	17
56	Anticipation of Radiation Dose to the Conceptus from Occupational Exposure of Pregnant Staff During Fluoroscopically Guided Electrophysiological Procedures. <i>Journal of Cardiovascular Electrophysiology</i> , 2005, 16, 773-780.	0.8	16
57	Fluoroscopically Assisted Surgical Treatments of Spinal Disorders: Conceptus Radiation Doses and Risks. <i>Spine</i> , 2006, 31, 239-244.	1.0	16
58	Hip fracture discrimination by the Achilles Insight QUS imaging device. <i>European Journal of Radiology</i> , 2007, 63, 59-62.	1.2	16
59	Patient Dose Reduction in CT Examinations by Optimising Scanogram Acquisition. <i>Radiation Protection Dosimetry</i> , 2001, 93, 173-178.	0.4	15
60	Development of a method to estimate organ doses for pediatric CT examinations. <i>Medical Physics</i> , 2016, 43, 2108-2117.	1.6	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?. <i>Medical Physics</i> , 2013, 40, 011911.	1.6	14
62	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
63	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
64	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
65	Occupational Gonadal and Embryo/Fetal Doses From Fluoroscopically Assisted Surgical Treatments of Spinal Disorders. <i>Spine</i> , 2004, 29, 2573-2580.	1.0	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. <i>Oncology Reports</i> , 2003, 10, 185-95.	1.2	12
67	Conceptus radiation dose assessment from fluoroscopically assisted surgical treatment of hip fractures. <i>Medical Physics</i> , 2003, 30, 2594-2601.	1.6	11
68	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
69	Screening Computed Tomography Colonography With 256-Slice Scanning. <i>Investigative Radiology</i> , 2012, 47, 451-456.	3.5	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. <i>Medical Physics</i> , 2004, 31, 708-714.	1.6	10
71	Clearance of technetium-99m-DTPA and HRCT findings in the evaluation of patients with Idiopathic Pulmonary Fibrosis. <i>BMC Pulmonary Medicine</i> , 2006, 6, 4.	0.8	10
72	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

#	ARTICLE	IF	CITATIONS
73	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
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.	1.0	10
75	Maximum Embryo Absorbed Dose from Intravenous Urography: Interhospital Variations. <i>Radiation Protection Dosimetry</i> , 1997, 72, 61-65.	0.4	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.	1.6	9
77	Location of radiosensitive organs inside pediatric anthropomorphic phantoms: Data required for dosimetry. <i>Physica Medica</i> , 2015, 31, 882-888.	0.4	9
78	Data and methods to assess occupational exposure to personnel involved in cardiac catheterization procedures. <i>Physica Medica</i> , 2016, 32, 386-392.	0.4	9
79	Imaging Ultrasonometry of the Calcaneus: Dependence on Calcaneal Area. <i>Calcified Tissue International</i> , 2000, 67, 24-28.	1.5	8
80	Broadband ultrasound attenuation imaging: influence of location of region of measurement. <i>European Radiology</i> , 2001, 11, 1117-1122.	2.3	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.	0.4	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.	1.2	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.	0.4	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.	1.2	7
85	PET/CT and PET/MRI in ophthalmic oncology (Review). <i>International Journal of Oncology</i> , 2020, 56, 417-429.	1.4	7
86	Title is missing!. <i>Investigative Radiology</i> , 2003, 38, 207-211.	3.5	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.	0.4	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.	3.5	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.	0.8	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.	1.2	5

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	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
94	Comparison of methods for assessing geometric efficiency on multi-detector CT scanners. <i>Physica Medica</i> , 2013, 29, 312-322.	0.4	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. <i>Physica Medica</i> , 2020, 73, 1-7.	0.4	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. <i>Physica Medica</i> , 2020, 70, 208-215.	0.4	4
97	A novel personalized dosimetry method for endovascular aneurysm repair (EVAR) procedures. <i>European Radiology</i> , 2021, 31, 6547-6554.	2.3	4
98	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
99	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
100	Image-guided Reconstruction of Femoral Fractures. <i>Clinical Orthopaedics and Related Research</i> , 2005, 430, 182-188.	0.7	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?. <i>Annals of Nuclear Medicine</i> , 2018, 32, 709-714.	1.2	3
102	Accuracy of multislice CT angiography for the assessment of in-stent restenoses in the iliac arteries at reduced dose: a phantom study. <i>British Journal of Radiology</i> , 2011, 84, 244-250.	1.0	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?” <i>Physica Medica</i> , 2017, 43, 178-185.	0.4	2
104	Dynamic CT perfusion imaging for type 2 endoleak assessment after endograft placement. <i>Medical Hypotheses</i> , 2020, 139, 109701.	0.8	2
105	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
106	MRI and dual-energy CT fusion anatomic imaging in Ru-106 ophthalmic brachytherapy. <i>Brachytherapy</i> , 2021, 20, 828-834.	0.2	2
107	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
108	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

#	ARTICLE	IF	CITATIONS
109	Gel dosimetry in diagnostic radiology: Measurement of the z-axis geometric efficiency in modern MDCT scanners. <i>Journal of Physics: Conference Series</i> , 2006, 56, 272-275.	0.3	0
110	Breast bismuth shielding in coronary CT angiography: To shield or not to shield?. <i>Physica Medica</i> , 2016, 32, 233.	0.4	0
111	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
112	SUaFFaC48: Normalized Conceptus Doses for Multi-â€œDetector CT Examinations : A Monte Carlo Study. <i>Medical Physics</i> , 2007, 34, 2349-2349.	1.6	0