

List of Publications by Year in descending order

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88
papers

5,365
citations

94269

37
h-index

85405

71
g-index

89
all docs

89
docs citations

89
times ranked

8188
citing authors

#	ARTICLE	IF	CITATIONS
1	Management of Lung Nodules Detected by Volume CT Scanning. <i>New England Journal of Medicine</i> , 2009, 361, 2221-2229.	13.9	758
2	Very Small Cerebellar Infarcts: Integration of Recent Insights into a Functional Topographic Classification. <i>Cerebrovascular Diseases</i> , 2013, 36, 81-87.	0.8	739
3	Effects of varicocele treatment in adolescents: a randomized study. <i>Fertility and Sterility</i> , 1992, 58, 756-762.	0.5	211
4	Characteristics of Lung Cancers Detected by Computer Tomography Screening in the Randomized NELSON Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 848-854.	2.5	202
5	Volumetric computed tomography screening for lung cancer: three rounds of the NELSON trial. <i>European Respiratory Journal</i> , 2013, 42, 1659-1667.	3.1	190
6	Preoperative Diagnosis of Carotid Artery Stenosis. <i>Stroke</i> , 2002, 33, 2003-2008.	1.0	170
7	Rapid Visualization of Human Tumor Xenografts through Optical Imaging with a Near-Infrared Fluorescent Anti- α -Epidermal Growth Factor Receptor Nanobody. <i>Molecular Imaging</i> , 2012, 11, 7290.2011.00025.	0.7	152
8	Prevalence of Incidental Findings in Computed Tomographic Screening of the Chest. <i>Journal of Computer Assisted Tomography</i> , 2008, 32, 214-221.	0.5	128
9	Preoperative Sizing of Grafts for Transfemoral Endovascular Aneurysm Management: A Prospective Comparative Study of Spiral CT Angiography, Arteriography, and Conventional CT Imaging. <i>Journal of Endovascular Therapy</i> , 1997, 4, 252-261.	3.3	122
10	Cardiac Magnetic Resonance Imaging Findings and the Risk of Cardiovascular Events in Patients With Recent Myocardial Infarction or Suspected or Known Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1031-1045.	1.2	117
11	Genome-wide association study of coronary and aortic calcification implicates risk loci for coronary artery disease and myocardial infarction. <i>Atherosclerosis</i> , 2013, 228, 400-405.	0.4	100
12	Testis volumes, semen quality, and hormonal patterns in adolescents with and without a varicocele. <i>Fertility and Sterility</i> , 1991, 56, 731-736.	0.5	93
13	Lung Cancer Screening CT-Based Prediction of Cardiovascular Events. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 899-907.	2.3	89
14	Concerns for the durability of the proximal abdominal aortic aneurysm endograft fixation from a 2-year and 3-year longitudinal computed tomography angiography study. <i>Journal of Vascular Surgery</i> , 2001, 33, 64-69.	0.6	83
15	Preoperative Needle Biopsy of Sentinel Lymph Nodes Using Intradermal Microbubbles and Contrast-Enhanced Ultrasound in Patients With Breast Cancer. <i>American Journal of Roentgenology</i> , 2012, 199, 465-470.	1.0	83
16	Quantitative diffusion weighted imaging for differentiation of benign and malignant breast lesions: The influence of the choice of b -values. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 1100-1105.	1.9	81
17	The modified excimer laser-assisted high-flow bypass operation. <i>World Neurosurgery</i> , 1996, 46, 424-429.	1.3	78
18	Basal Hypothalamic Pituitary Adrenal Axis Activity and Hippocampal Volumes: The SMART-Medea Study. <i>Biological Psychiatry</i> , 2010, 67, 1191-1198.	0.7	74

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19	Cerebral Small Vessel Disease and Risk of Death, Ischemic Stroke, and Cardiac Complications in Patients With Atherosclerotic Disease. <i>Stroke</i> , 2011, 42, 3105-3109.	1.0	72
20	A Novel Fluorescent Imaging Agent for Diffuse Optical Tomography of the Breast: First Clinical Experience in Patients. <i>Molecular Imaging and Biology</i> , 2010, 12, 343-348.	1.3	70
21	Brain atrophy and cognition: Interaction with cerebrovascular pathology?. <i>Neurobiology of Aging</i> , 2011, 32, 885-893.	1.5	66
22	Quantitative analysis of vascular morphology from 3D MR angiograms: In vitro and in vivo results. <i>Magnetic Resonance in Medicine</i> , 2001, 45, 311-322.	1.9	65
23	Blood pressure, cerebral blood flow, and brain volumes. The SMART-MR study. <i>Journal of Hypertension</i> , 2010, 28, 1498-1505.	0.3	64
24	Diagnosis of chronic obstructive pulmonary disease in lung cancer screening Computed Tomography scans: independent contribution of emphysema, air trapping and bronchial wall thickening. <i>Respiratory Research</i> , 2013, 14, 59.	1.4	63
25	Anabolic androgenic steroid use is associated with ventricular dysfunction on cardiac MRI in strength trained athletes. <i>International Journal of Cardiology</i> , 2013, 167, 664-668.	0.8	59
26	The diagnostic accuracy of core biopsy in palpable and non-palpable breast lesions. <i>European Journal of Radiology</i> , 1997, 24, 120-123.	1.2	54
27	Breast arterial calcifications are correlated with subsequent development of coronary artery calcifications, but their aetiology is predominantly different. <i>European Journal of Radiology</i> , 2007, 63, 396-400.	1.2	54
28	Repeated Intervention for In-Stent Restenosis of the Renal Arteries. <i>Journal of Vascular and Interventional Radiology</i> , 2002, 13, 1219-1224.	0.2	53
29	The Role of Conventional Bronchoscopy in the Workup of Suspicious CT Scan Screen-Detected Pulmonary Nodules. <i>Chest</i> , 2012, 142, 377-384.	0.4	51
30	A novel method to quantify IRDye800CW fluorescent antibody probes ex vivo in tissue distribution studies. <i>EJNMMI Research</i> , 2012, 2, 50.	1.1	49
31	Novel risk factors for peripheral arterial disease in young women. <i>American Journal of Medicine</i> , 2002, 113, 462-467.	0.6	48
32	Precise correlation between MRI and histopathology – Exploring treatment margins for MRI-guided localized breast cancer therapy. <i>Radiotherapy and Oncology</i> , 2010, 97, 225-232.	0.3	48
33	Impact of revised Task Force Criteria: distinguishing the athlete’s heart from ARVC/D using cardiac magnetic resonance imaging. <i>European Journal of Preventive Cardiology</i> , 2012, 19, 885-891.	0.8	44
34	Successful treatment of severe bleeding in hemophilic target joints by selective angiographic embolization. <i>Blood</i> , 2005, 105, 2654-2657.	0.6	41
35	MR Thermometry Analysis of Sonication Accuracy and Safety Margin of Volumetric MR Imaging-guided High-Intensity Focused Ultrasound Ablation of Symptomatic Uterine Fibroids. <i>Radiology</i> , 2012, 265, 627-637.	3.6	41
36	Meta-analysis of sero-epidemiologic studies of the relation between Chlamydia pneumoniae and atherosclerosis: Does study design influence results?. <i>American Heart Journal</i> , 2003, 145, 409-417.	1.2	39

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37	Magnetic resonance imaging measurement of blood volume flow in peripheral arteries in healthy subjects. <i>Journal of Vascular Surgery</i> , 2003, 38, 1060-1066.	0.6	38
38	Detection of Lymph Node Metastases by Gadolinium-Enhanced Magnetic Resonance Imaging: Systematic Review and Meta-analysis. <i>Journal of the National Cancer Institute</i> , 2010, 102, 244-253.	3.0	38
39	Chlamydia pneumoniae, Helicobacter pylori and cytomegalovirus infections and the risk of peripheral arterial disease in young women. <i>Atherosclerosis</i> , 2002, 163, 149-156.	0.4	37
40	Upper abdominal ultrasound in general practice: indications, diagnostic yield and consequences for patient management. <i>Family Practice</i> , 2006, 23, 507-511.	0.8	37
41	Iliac artery stenoses after percutaneous transluminal angioplasty: Follow-up with duplex ultrasonography. <i>Journal of Vascular Surgery</i> , 1996, 23, 691-697.	0.6	36
42	Diffuse Optical Tomography of the Breast: Initial Validation in Benign Cysts. <i>Molecular Imaging and Biology</i> , 2009, 11, 64-70.	1.3	33
43	Use of a Collagen Hemostatic Closure Device to Achieve Hemostasis after Arterial Puncture: A Cost-effectiveness Analysis. <i>Journal of Vascular and Interventional Radiology</i> , 1996, 7, 479-486.	0.2	32
44	Sonography as the primary screening method in evaluating blunt abdominal trauma. <i>Journal of Clinical Ultrasound</i> , 2005, 33, 155-163.	0.4	31
45	MR spectroscopy of cerebral white matter in type 2 diabetes; no association with clinical variables and cognitive performance. <i>Neuroradiology</i> , 2010, 52, 155-161.	1.1	30
46	The efficacy of 'Radio guided Occult Lesion Localization' (ROLL) versus 'Wire-guided Localization' (WGL) in breast conserving surgery for non-palpable breast cancer: A randomized clinical trial " ROLL study. <i>BMC Surgery</i> , 2008, 8, 9.	0.6	29
47	7T versus 3T contrast-enhanced breast Magnetic Resonance Imaging of invasive ductulobular carcinoma: First clinical experience. <i>Magnetic Resonance Imaging</i> , 2013, 31, 613-617.	1.0	29
48	Renal function as a risk indicator for cardiovascular events in 3216 patients with manifest arterial disease. <i>Atherosclerosis</i> , 2008, 200, 184-190.	0.4	27
49	No Benefit for Consensus Double Reading at Baseline Screening for Lung Cancer with the Use of Semiautomated Volumetry Software. <i>Radiology</i> , 2012, 262, 320-326.	3.6	27
50	Elevated levels of plasma homocysteine are associated with neurotoxicity. <i>Atherosclerosis</i> , 2004, 174, 87-92.	0.4	25
51	Vitamin K intake and calcifications in breast arteries. <i>Maturitas</i> , 2007, 56, 273-279.	1.0	25
52	The Role of the (18)F-Fluorodeoxyglucose-Positron Emission Tomography Scan in the Netherlands Leuvens Longkanker Screenings Onderzoek Lung Cancer Screening Trial. <i>Journal of Thoracic Oncology</i> , 2011, 6, 1704-1712.	0.5	22
53	Pulsatile Distention of the Nondiseased and Stenotic Aortic Valve Annulus: Analysis With Electrocardiogram-Gated Computed Tomography. <i>Annals of Thoracic Surgery</i> , 2012, 93, 516-522.	0.7	22
54	MRA of hemodialysis access grafts and fistulae using selective contrast injection and flow interruption. <i>Magnetic Resonance in Medicine</i> , 2001, 45, 557-561.	1.9	21

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55	Hyperhomocysteinemia and risk for peripheral arterial occlusive disease in young women. <i>Journal of Vascular Surgery</i> , 2003, 38, 772-778.	0.6	21
56	Comparison of intravascular ultrasonography and intraarterial digital subtraction angiography after directional atherectomy of short lesions in femoropopliteal arteries. <i>Journal of Vascular Surgery</i> , 1996, 23, 436-445.	0.6	20
57	Semiquantitative Assessment of Cardiovascular Disease Markers in Multislice Computed Tomography of the Chest. <i>Journal of Computer Assisted Tomography</i> , 2010, 34, 279-284.	0.5	20
58	The potential of hypoxia markers as target for breast molecular imaging – a systematic review and meta-analysis of human marker expression. <i>BMC Cancer</i> , 2013, 13, 538.	1.1	18
59	Distal aortic diameter and peripheral arterial occlusive disease. <i>Journal of Vascular Surgery</i> , 2001, 34, 1085-1089.	0.6	17
60	Femoropopliteal occlusions and the adductor canal hiatus, Duplex study. <i>European Journal of Vascular Surgery</i> , 1993, 7, 680-683.	0.9	16
61	Effects of Carotid Endarterectomy or Stenting on Blood Pressure in the International Carotid Stenting Study (ICSS). <i>Stroke</i> , 2011, 42, 3491-3496.	1.0	16
62	Visual rating of the hippocampus in non-demented elders: Does it measure hippocampal atrophy or other indices of brain atrophy? The SMART-MR study. <i>Hippocampus</i> , 2009, 19, 1115-1122.	0.9	15
63	Pre-treatment imaging and pathology characteristics of invasive breast cancers of limited extent: Potential relevance for MRI-guided localized therapy. <i>Radiotherapy and Oncology</i> , 2012, 104, 11-18.	0.3	15
64	Subintimal versus Intraluminal Laser-assisted Recanalization of Occluded Femoropopliteal Arteries: One-year Clinical and Angiographic Follow-up. <i>Journal of Vascular and Interventional Radiology</i> , 1994, 5, 689-696.	0.2	14
65	Overestimation of carotid artery stenosis with magnetic resonance angiography compared with digital subtraction angiography. <i>Journal of Vascular Surgery</i> , 2002, 36, 806-813.	0.6	14
66	Functional health and well-being of relatively young women with peripheral arterial disease is decreased but stable after diagnosis. <i>Journal of Vascular Surgery</i> , 2003, 38, 104-110.	0.6	14
67	Percutaneous removal of sentinel lymph nodes in a swine model using a breast lesion excision system and contrast-enhanced ultrasound. <i>European Radiology</i> , 2012, 22, 545-550.	2.3	14
68	Computed Tomography Structural Lung Changes in Discordant Airflow Limitation. <i>PLoS ONE</i> , 2013, 8, e65177.	1.1	14
69	³¹ P-NMR determination of phosphomonoesters in relation to phospholipid biosynthesis in testis of the rat at different ages. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1991, 1074, 189-194.	1.1	13
70	Navigation with Three-dimensional Rotational Radiographic Data for Transpedicular Percutaneous Needle Introduction: Feasibility and Comparison with Fluoroscopic Guidance. <i>Journal of Vascular and Interventional Radiology</i> , 2006, 17, 1511-1518.	0.2	13
71	Diffusion-weighted MRI for the detection of colorectal polyps: feasibility study. <i>Magnetic Resonance Imaging</i> , 2013, 31, 28-35.	1.0	12
72	Diagnostic performance of stereotactic large core needle biopsy for nonpalpable breast lesions in routine clinical practice. <i>International Journal of Cancer</i> , 2008, 122, 468-471.	2.3	11

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73	Frequency and Consequences of Early In-stent Lesions after Carotid Artery Stent Placement. Journal of Vascular and Interventional Radiology, 2009, 20, 573-579.	0.2	11
74	The Prognostic Value of Vascular Diameter Measurements on Routine Chest Computed Tomography in Patients Not Referred for Cardiovascular Indications. Journal of Computer Assisted Tomography, 2011, 35, 734-741.	0.5	11
75	Investigation of lipid composition of dissected sentinel lymph nodes of breast cancer patients by 7T proton MR spectroscopy. Journal of Magnetic Resonance Imaging, 2012, 35, 387-392.	1.9	10
76	Relation of Common Carotid Intima-Media Thickness with Left Ventricular Mass Caused by Shared Risk Factors for Hypertrophy. Journal of the American Society of Echocardiography, 2009, 22, 499-504.	1.2	9
77	3.0T MR-guided focused ultrasound for preoperative localization of nonpalpable breast lesions: An initial experimental ex vivo study. Journal of Magnetic Resonance Imaging, 2009, 30, 884-889.	1.9	8
78	A novel approach to identify non-palpable breast lesions combining fluorescent liposomes and magnetic resonance-guided high intensity focused ultrasound-triggered release. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 77, 458-464.	2.0	7
79	The effects of magnetic resonance imaging-guided high-intensity focused ultrasound ablation on human cadaver breast tissue. European Journal of Pharmacology, 2013, 717, 21-30.	1.7	7
80	Mood Problems Increase the Risk of Mortality in Patients With Lacunar Infarcts. Psychosomatic Medicine, 2012, 74, 234-240.	1.3	5
81	Assessment of the Preferred Plane and Sequence in the Depiction of Mesial Temporal Sclerosis Using Magnetic Resonance Imaging. Investigative Radiology, 1997, 32, 268-276.	3.5	5
82	Increased pregnancy loss in young women with aortoiliac disease. Atherosclerosis, 2002, 164, 121-127.	0.4	4
83	Differences in determinants of left ventricular mass assessed by cardiac magnetic resonance imaging across subjects with and without previous symptomatic atherosclerotic disease. International Journal of Cardiology, 2010, 138, 145-150.	0.8	4
84	Non-solid lung nodules on low-dose computed tomography: comparison of detection rate between 3 visualization techniques. Cancer Imaging, 2013, 13, 150-154.	1.2	4
85	Perfusion estimation in the peripheral vasculature using C-arm X-ray systems. , 2009, , .		1
86	Ray-based approach to skeletal muscle perfusion measurement on interventional x-ray systems. Medical Physics, 2012, 39, 1190-1206.	1.6	1
87	Regarding "Presidential address: Transluminally placed endovascular stented grafts and their impact on vascular surgery". Journal of Vascular Surgery, 1995, 22, 338-339.	0.6	0
88	Region based perfusion estimation in peripherals using C-arm systems: A simulation study. , 2011, , .		0