

# Marc Dewey

## List of Publications by Year in descending order

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Version: 2024-02-01

216  
papers

9,940  
citations

41344

49  
h-index

39675

94  
g-index

240  
all docs

240  
docs citations

240  
times ranked

7875  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of relevant extracardiac findings on coronary computed tomography angiography vs. invasive coronary angiography. <i>European Radiology</i> , 2022, 32, 122-131.	4.5	3
2	Serum creatinine baseline fluctuation and acute kidney injury after intravenous or intra-arterial contrast agent administration – an intraindividual comparison as part of a randomized controlled trial. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 1191-1194.	0.7	1
3	Myocardial CT perfusion imaging for the detection of obstructive coronary artery disease: multisegment reconstruction does not improve diagnostic performance. <i>European Radiology Experimental</i> , 2022, 6, 5.	3.4	0
4	Fully automated quantification of in vivo viscoelasticity of prostate zones using magnetic resonance elastography with Dense U-net segmentation. <i>Scientific Reports</i> , 2022, 12, 2001.	3.3	2
5	Fractal analysis of perfusion imaging in synovitis: a novel imaging biomarker for grading inflammatory activity based on assessing angiogenesis. <i>RMD Open</i> , 2022, 8, e002078.	3.8	2
6	Accuracy of fractal analysis and PI-RADS assessment of prostate magnetic resonance imaging for prediction of cancer grade groups: a clinical validation study. <i>European Radiology</i> , 2022, 32, 2372-2383.	4.5	3
7	Fractal analysis improves tumour size measurement on computed tomography in pancreatic ductal adenocarcinoma: comparison with gross pathology and multi-parametric MRI. <i>European Radiology</i> , 2022, 32, 5053-5063.	4.5	5
8	Fractal analysis of 4D dynamic myocardial stress-CT perfusion imaging differentiates micro- and macrovascular ischemia in a multi-center proof-of-concept study. <i>Scientific Reports</i> , 2022, 12, 5085.	3.3	8
9	Contamination of CT scanner surfaces with SARS-CoV-2 and infective potential after examination of invasively ventilated, non-invasively ventilated and non-ventilated patients with positive throat swabs: prospective investigation using real-time reverse-transcription PCR and viral cell culture. <i>Insights Into Imaging</i> , 2022, 13, 61.	3.4	5
10	CT or Invasive Coronary Angiography in Stable Chest Pain. <i>New England Journal of Medicine</i> , 2022, 386, 1591-1602.	27.0	144
11	Computed tomography angiography versus Agatston score for diagnosis of coronary artery disease in patients with stable chest pain: individual patient data meta-analysis of the international COME-CCT Consortium. <i>European Radiology</i> , 2022, 32, 5233-5245.	4.5	6
12	Differentiation of hepatocellular adenoma by subtype and hepatocellular carcinoma in non-cirrhotic liver by fractal analysis of perfusion MRI. <i>Insights Into Imaging</i> , 2022, 13, 81.	3.4	5
13	Fractal Analysis of Dynamic Stress CT-Perfusion Imaging for Detection of Hemodynamically Relevant Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2022, , .	5.3	4
14	Cerebrovascular Events in Suspected Sepsis: Retrospective Prevalence Study in Critically Ill Patients Undergoing Full-Body Computed Tomography. <i>Frontiers in Neurology</i> , 2022, 13, .	2.4	0
15	Perivascular fat attenuation for predicting adverse cardiac events in stable patients undergoing invasive coronary angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2022, 16, 483-490.	1.3	7
16	Computed tomography for detection of septic foci: Retrospective analysis of patients presenting to the emergency department. <i>Clinical Imaging</i> , 2021, 69, 223-227.	1.5	7
17	Clinical pre-test probability for obstructive coronary artery disease: insights from the European DISCHARGE pilot study. <i>European Radiology</i> , 2021, 31, 1471-1481.	4.5	10
18	Patient preferences for development in MRI scanner design: a survey of claustrophobic patients in a randomized study. <i>European Radiology</i> , 2021, 31, 1325-1335.	4.5	16

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19	Vertrauen in KI-basierte Radiologie â€“ Erste Erkenntnisse durch eine explorative Stakeholder-Konsultation. Forum Dienstleistungsmanagement, 2021, , 309-335.	1.2	0
20	Audio-guided self-hypnosis for reduction of claustrophobia during MR imaging: results of an observational 2-group study. European Radiology, 2021, 31, 4483-4491.	4.5	15
21	Prognostic value of noninvasive combined anatomic/functional assessment by cardiac CT in patients with suspected coronary artery disease â€” Comparison with invasive coronary angiography and nuclear myocardial perfusion imaging for the five-year-follow up of the CORE320 multicenter study. Journal of Cardiovascular Computed Tomography, 2021, 15, 485-491.	1.3	9
22	Effect of Computed Tomography Versus Invasive Coronary Angiography on Statin Adherence. JACC: Cardiovascular Imaging, 2021, 14, 1480-1483.	5.3	6
23	Incorporating radiomics into clinical trials: expert consensus endorsed by the European Society of Radiology on considerations for data-driven compared to biologically driven quantitative biomarkers. European Radiology, 2021, 31, 6001-6012.	4.5	53
24	Prediction of prostate cancer grade using fractal analysis of perfusion MRI: retrospective proof-of-principle study. European Radiology, 2021, , 1.	4.5	11
25	Spatio-Temporal Deep Learning-Based Undersampling Artefact Reduction for 2D Radial Cine MRI With Limited Training Data. IEEE Transactions on Medical Imaging, 2020, 39, 703-717.	8.9	61
26	The Interplay of Artificial and Human Intelligence in Radiology â€“ Exploring Socio-Technical System Dynamics. Advances in Intelligent Systems and Computing, 2020, , 390-395.	0.6	2
27	Semi-automatic classification of prostate cancer on multi-parametric MR imaging using a multi-channel 3D convolutional neural network. European Radiology, 2020, 30, 1243-1253.	4.5	85
28	Performing Computed Tomography Instead of Invasive Coronary Angiography. JACC: Cardiovascular Imaging, 2020, 13, 888-889.	5.3	3
29	Pilot study of the multicentre DISCHARGE Trial: image quality and protocol adherence results of computed tomography and invasive coronary angiography. European Radiology, 2020, 30, 1997-2009.	4.5	3
30	Ischemia and No Obstructive Stenosis (INOCA) at CT Angiography, CT Myocardial Perfusion, Invasive Coronary Angiography, and SPECT: The CORE320 Study. Radiology, 2020, 294, 61-73.	7.3	39
31	The role of body computed tomography in hospitalized patients with obscure infection: Retrospective consecutive cohort study. European Journal of Radiology, 2020, 132, 109325.	2.6	4
32	Evaluation of PEEP and prone positioning in early COVID-19 ARDS. EclinicalMedicine, 2020, 28, 100579.	7.1	49
33	MRI for measuring therapy efficiency after revascularisation in ST-segment elevation myocardial infarction: a systematic review and meta-regression analysis. BMJ Open, 2020, 10, e034359.	1.9	4
34	Coronary Computed Tomography Angiography. JAMA - Journal of the American Medical Association, 2020, 324, 1455.	7.4	0
35	Automatic prostate and prostate zones segmentation of magnetic resonance images using DenseNet-like U-net. Scientific Reports, 2020, 10, 14315.	3.3	78
36	Continuous Learning AI in Radiology: Implementation Principles and Early Applications. Radiology, 2020, 297, 6-14.	7.3	92

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37	How to Measure the Aorta Using MRI: A Practical Guide. Journal of Magnetic Resonance Imaging, 2020, 52, 971-977.	3.4	17
38	Health-related quality of life, angina type and coronary artery disease in patients with stable chest pain. Health and Quality of Life Outcomes, 2020, 18, 140.	2.4	14
39	Neural networks-based regularization for large-scale medical image reconstruction. Physics in Medicine and Biology, 2020, 65, 135003.	3.0	26
40	Effectiveness of the clinical decision support tool ESR eGUIDE for teaching medical students the appropriate selection of imaging tests: randomized cross-over evaluation. European Radiology, 2020, 30, 5684-5689.	4.5	5
41	Clinical quantitative cardiac imaging for the assessment of myocardial ischaemia. Nature Reviews Cardiology, 2020, 17, 427-450.	13.7	94
42	Integrating artificial intelligence into the clinical practice of radiology: challenges and recommendations. European Radiology, 2020, 30, 3576-3584.	4.5	113
43	Prognostic value of the myocardial salvage index measured by T2-weighted and T1-weighted late gadolinium enhancement magnetic resonance imaging after ST-segment elevation myocardial infarction: A systematic review and meta-regression analysis. PLoS ONE, 2020, 15, e0228736.	2.5	11
44	Developing a lung nodule management protocol specifically for cardiac CT: Methodology in the DISCHARGE trial. European Journal of Radiology Open, 2020, 7, 100235.	1.6	0
45	Title is missing!. , 2020, 15, e0228736.		0
46	Title is missing!. , 2020, 15, e0228736.		0
47	Title is missing!. , 2020, 15, e0228736.		0
48	Title is missing!. , 2020, 15, e0228736.		0
49	Kidney Injury after Intravenous versus Intra-arterial Contrast Agent in Patients Suspected of Having Coronary Artery Disease: A Randomized Trial. Radiology, 2019, 292, 664-672.	7.3	51
50	Deep learning and medical diagnosis. Lancet, The, 2019, 394, 1710-1711.	13.7	16
51	The Bionic Radiologist: avoiding blurry pictures and providing greater insights. Npj Digital Medicine, 2019, 2, 65.	10.9	10
52	Diagnosis of obstructive coronary artery disease using computed tomography angiography in patients with stable chest pain depending on clinical probability and in clinically important subgroups: meta-analysis of individual patient data. BMJ: British Medical Journal, 2019, 365, l1945.	2.3	99
53	Clinical Imaging Research: Higher Evidence, Global Collaboration, Improved Reporting, and Data Sharing Are the Grand Challenges. Radiology, 2019, 291, 547-552.	7.3	15
54	Patient Preferences for Coronary CT Angiography with Stress Perfusion, SPECT, or Invasive Coronary Angiography. Radiology, 2019, 291, 340-348.	7.3	10

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55	Clinical trials in radiology and data sharing: results from a survey of the European Society of Radiology (ESR) research committee. <i>European Radiology</i> , 2019, 29, 4794-4802.	4.5	8
56	Noise reduction and motion elimination in low-dose 4D myocardial computed tomography perfusion (CTP): preliminary clinical evaluation of the ASTRA4D algorithm. <i>European Radiology</i> , 2019, 29, 4572-4582.	4.5	10
57	Impact and perceived value of journal reporting guidelines among Radiology authors and reviewers. <i>European Radiology</i> , 2019, 29, 3986-3995.	4.5	17
58	Contemporary Discrepancies of Stenosis Assessment by Computed Tomography and Invasive Coronary Angiography. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e007720.	2.6	28
59	Quantification of Normal Parametric Values: A Prerequisite for Routine Cardiac MRI. <i>Radiology</i> , 2019, 290, 327-328.	7.3	0
60	Extracardiac findings on coronary computed tomography angiography in patients without significant coronary artery disease. <i>European Radiology</i> , 2019, 29, 1714-1723.	4.5	14
61	Fundamentals of X-Ray Computed Tomography: Acquisition and Reconstruction. , 2018, , 325-339.		2
62	Myocardial Perfusion Assessment by 3D and 4D Computed Tomography. , 2018, , 487-497.		0
63	DNA double-strand breaks in blood lymphocytes induced by two-day 99mTc-MIBI myocardial perfusion scintigraphy. <i>European Radiology</i> , 2018, 28, 3075-3081.	4.5	7
64	Extracardiac findings at cardiac MR imaging: a single-centre retrospective study over 14 years. <i>European Radiology</i> , 2018, 28, 4102-4110.	4.5	6
65	Applicability and accuracy of pretest probability calculations implemented in the NICE clinical guideline for decision making about imaging in patients with chest pain of recent onset. <i>European Radiology</i> , 2018, 28, 4006-4017.	4.5	2
66	Reference ranges of left ventricular structure and function assessed by contrast-enhanced cardiac MR and changes related to ageing and hypertension in a population-based study. <i>European Radiology</i> , 2018, 28, 3996-4005.	4.5	16
67	Coronary Artery Disease: Analysis of Diagnostic Performance of CT Perfusion and MR Perfusion Imaging in Comparison with Quantitative Coronary Angiography and SPECTâ€”Multicenter Prospective Trial. <i>Radiology</i> , 2018, 286, 461-470.	7.3	18
68	Effect of iterative reconstruction and temporal averaging on contour sharpness in dynamic myocardial CT perfusion: Sub-analysis of the prospective 4D CT perfusion pilot study. <i>PLoS ONE</i> , 2018, 13, e0205922.	2.5	4
69	Diagnostic accuracy of semi-automatic quantitative metrics as an alternative to expert reading of CT myocardial perfusion in the CORE320 study. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 212-219.	1.3	4
70	The future of radiology: adding value to clinical care. <i>Lancet, The</i> , 2018, 392, 472-473.	18.7	14
71	The Evaluation of Bivariate Mixed Models in Meta-analyses of Diagnostic Accuracy Studies with SAS, Stata and R. <i>Methods of Information in Medicine</i> , 2018, 57, 111-119.	1.2	31
72	Prognostic Value of Combined CT Angiography and Myocardial Perfusion Imaging versus Invasive Coronary Angiography and Nuclear Stress Perfusion Imaging in the Prediction of Major Adverse Cardiovascular Events: The CORE320 Multicenter Study. <i>Radiology</i> , 2017, 284, 55-65.	7.3	74

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73	Computed tomography versus invasive coronary angiography: design and methods of the pragmatic randomised multicentre DISCHARGE trial. <i>European Radiology</i> , 2017, 27, 2957-2968.	4.5	33
74	Noninvasive evaluation of global and regional left ventricular function using computed tomography and magnetic resonance imaging: a meta-analysis. <i>European Radiology</i> , 2017, 27, 1640-1659.	4.5	18
75	Fractal analysis of the ischemic transition region in chronic ischemic heart disease using magnetic resonance imaging. <i>European Radiology</i> , 2017, 27, 1537-1546.	4.5	13
76	Analysis and Prediction of Claustrophobia during MR Imaging with the Claustrophobia Questionnaire: An Observational Prospective 18-month Single-Center Study of 6500 Patients. <i>Radiology</i> , 2017, 283, 148-157.	7.3	40
77	Supervisors' perspective on medical thesis projects and dropout rates: survey among thesis supervisors at a large German university hospital. <i>BMJ Open</i> , 2016, 6, e012726.	1.9	11
78	Structure or entropy in reporting cardiac CT findings. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1657-1658.	1.5	6
79	Consolidation of regulation in Europe is needed for the ICMJE's data sharing proposal to work. <i>BMJ, The</i> , 2016, 352, i1758.	6.0	2
80	Computed Tomographic Perfusion Improves Diagnostic Power of Coronary Computed Tomographic Angiography in Women. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	2.6	18
81	Evaluation of computed tomography in patients with atypical angina or chest pain clinically referred for invasive coronary angiography: randomised controlled trial. <i>BMJ, The</i> , 2016, 355, i5441.	6.0	86
82	Investigating Patients for CAD Before Cardiac Valve Surgery. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 1071-1073.	5.3	0
83	Plans for European medical doctorate. <i>Nature</i> , 2016, 529, 156-156.	27.8	1
84	Endocardial and epicardial distribution of myocardial perfusion reserve assessed by multidetector computed tomography in symptomatic patients without significant coronary artery disease: insights from the CORE320 multicentre study. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 779-787.	1.2	21
85	The Impact of Different Levels of Adaptive Iterative Dose Reduction 3D on Image Quality of 320-Row Coronary CT Angiography: A Clinical Trial. <i>PLoS ONE</i> , 2015, 10, e0125943.	2.5	15
86	Comprehensive Assessment of Radiation Dose Estimates for the CORE320 Study. <i>American Journal of Roentgenology</i> , 2015, 204, W27-W36.	2.2	13
87	On the analysis of heterogeneity within diagnostic meta-analyses based on mixture models. <i>Journal of Clinical Epidemiology</i> , 2015, 68, 1523-1524.	5.0	0
88	Relationship of left ventricular mass to coronary atherosclerosis and myocardial ischaemia: the CORE320 multicenter study. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 166-176.	1.2	14
89	Lack of Association Between Epicardial Fat Volume and Extent of Coronary Artery Calcification, Severity of Coronary Artery Disease, or Presence of Myocardial Perfusion Abnormalities in a Diverse, Symptomatic Patient Population. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, e002676.	2.6	73
90	Patient satisfaction with coronary CT angiography, myocardial CT perfusion, myocardial perfusion MRI, SPECT myocardial perfusion imaging and conventional coronary angiography. <i>European Radiology</i> , 2015, 25, 2115-2124.	4.5	28

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91	Incremental diagnostic accuracy of computed tomography myocardial perfusion imaging over coronary angiography stratified by pre-test probability of coronary artery disease and severity of coronary artery calcification: The CORE320 study. <i>International Journal of Cardiology</i> , 2015, 201, 570-577.	1.7	31
92	Accuracy of Computed Tomographic Angiography and Single-Photon Emission Computed Tomographyâ€“Acquired Myocardial Perfusion Imaging for the Diagnosis of Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, e003533.	2.6	49
93	A Monte Carlo simulation for the estimation of patient dose in rest and stress cardiac computed tomography with a 320-detector row CT scanner. <i>Physica Medica</i> , 2015, 31, 1029-1034.	0.7	5
94	What is the meaning of the P value and what does it mean for the PROMISE trial?. <i>Journal of Cardiovascular Computed Tomography</i> , 2015, 9, e7.	1.3	0
95	Mixture models in diagnostic meta-analysesâ€”Clustering summary receiver operating characteristic curves accounted for heterogeneity and correlation. <i>Journal of Clinical Epidemiology</i> , 2015, 68, 61-72.	5.0	15
96	Acceptance of Combined Coronary CT Angiography and Myocardial CT Perfusion versus Conventional Coronary Angiography in Patients with Coronary Stentsâ€”Intraindividual Comparison. <i>PLoS ONE</i> , 2015, 10, e0136737.	2.5	7
97	Implementation of a Phase Detection Algorithm for Dynamic Cardiac Computed Tomography Analysis Based on Time Dependent Contrast Agent Distribution. <i>PLoS ONE</i> , 2014, 9, e116103.	2.5	6
98	Nuclear Stress Perfusion Imaging Versus Computed Tomography Coronary Angiography for Identifying Patients with Obstructive Coronary Artery Disease as Defined by Conventional Angiography: Insights from the CorE-64 Multicenter Study. <i>Heart International</i> , 2014, 9, HEART.2014.1249.	1.4	4
99	Computer-Aided CT coronary artery stenosis detection: comparison with human reading and quantitative coronary angiography. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 1621-1627.	1.5	12
100	Computed tomography angiography and perfusion to assess coronary artery stenosis causing perfusion defects by single photon emission computed tomography: the CORE320 study. <i>European Heart Journal</i> , 2014, 35, 1120-1130.	2.2	385
101	Compliance with STARD Checklist among Studies of Coronary CT Angiography: Systematic Review. <i>Radiology</i> , 2014, 271, 74-86.	7.3	11
102	Zelen Design in Randomized Controlled Clinical Trials. <i>Radiology</i> , 2014, 272, 919-919.	7.3	1
103	Myocardial CT Perfusion Imaging and SPECT for the Diagnosis of Coronary Artery Disease: A Head-to-Head Comparison from the CORE320 Multicenter Diagnostic Performance Study. <i>Radiology</i> , 2014, 272, 407-416.	7.3	112
104	Cardiac CT. , 2014, , .		6
105	Fractal analysis in radiological and nuclear medicine perfusion imaging: a systematic review. <i>European Radiology</i> , 2014, 24, 60-69.	4.5	36
106	Accuracy of multidetector computed tomography for detection of coronary artery stenosis in acute coronary syndrome compared with stable coronary disease: A CORE64 multicenter trial substudy. <i>International Journal of Cardiology</i> , 2014, 177, 385-391.	1.7	14
107	Contrast agent bolus tracking with a fixed threshold or a manual fast start for coronary CT angiography. <i>European Radiology</i> , 2014, 24, 1229-1238.	4.5	15
108	Extracardiac findings on coronary CT angiography: A systematic review. <i>Journal of Cardiovascular Computed Tomography</i> , 2014, 8, 174-182.e6.	1.3	28

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109	Nuclear stress perfusion imaging versus computed tomography coronary angiography for identifying patients with obstructive coronary artery disease as defined by conventional angiography: insights from the CorE-64 multicenter study. <i>Heart International</i> , 2014, 9, 1-6.	1.4	4
110	Individual patient data meta-analysis for the clinical assessment of coronary computed tomography angiography: protocol of the Collaborative Meta-Analysis of Cardiac CT (CoMe-CCT). <i>Systematic Reviews</i> , 2013, 2, 13.	5.3	17
111	Methodological quality of diagnostic accuracy studies on non-invasive coronary CT angiography: influence of QUADAS (Quality Assessment of Diagnostic Accuracy Studies included in systematic) <i>Tj ETQq1 1 0.784314 rgBT7/Overlo</i>	3.1	14
112	Computed Tomography Angiography and Myocardial Computed Tomography Perfusion in Patients With Coronary Stents. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1476-1485.	2.8	90
113	CT Assessment of Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 1072-1074.	5.3	4
114	Predictors of Inaccurate Coronary Arterial Stenosis Assessment by CT Angiography. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 963-972.	5.3	56
115	Patterns of coronary arterial lesion calcification by a novel, cross-sectional CT angiographic assessment. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 1619-1627.	1.5	17
116	Coronary CT Angiography Cannot be Recommended in Patients with Atrial Fibrillation. <i>Radiology</i> , 2013, 269, 947-948.	7.3	3
117	Increase in Creatinine for the Prediction of Contrast-induced Nephropathy. <i>Radiology</i> , 2013, 269, 623-624.	7.3	0
118	Noninvasive Approach to Assess Coronary Artery Stenoses and Ischemia. <i>JAMA - Journal of the American Medical Association</i> , 2013, 309, 233.	7.4	1
119	Time Efficiency and Diagnostic Accuracy of New Automated Myocardial Perfusion Analysis Software in 320-Row CT Cardiac Imaging. <i>Korean Journal of Radiology</i> , 2013, 14, 21.	3.4	8
120	Impact of Article Language in Multi-Language Medical Journals - a Bibliometric Analysis of Self-Citations and Impact Factor. <i>PLoS ONE</i> , 2013, 8, e76816.	2.5	27
121	High-Field Open versus Short-Bore Magnetic Resonance Imaging of the Spine: A Randomized Controlled Comparison of Image Quality. <i>PLoS ONE</i> , 2013, 8, e83427.	2.5	12
122	Increase in Creatinine for the Prediction of Contrast-induced Nephropathy. <i>Radiology</i> , 2013, 269, 623-624.	7.3	0
123	Use of 3x2 tables with an intention to diagnose approach to assess clinical performance of diagnostic tests: meta-analytical evaluation of coronary CT angiography studies. <i>BMJ, The</i> , 2012, 345, e6717-e6717.	6.0	131
124	Prediction model to estimate presence of coronary artery disease: retrospective pooled analysis of existing cohorts. <i>BMJ, The</i> , 2012, 344, e3485-e3485.	6.0	225
125	The Revised QUADAS-2 Tool. <i>Annals of Internal Medicine</i> , 2012, 156, 323.	3.9	62
126	Intra- and interobserver variability of magnetic resonance imaging for quantitative assessment of abductor and external rotator muscle changes after total hip arthroplasty. <i>European Journal of Radiology</i> , 2012, 81, 928-933.	2.6	26



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127	Diagnostic Accuracy of Computed Tomography Coronary Angiography According to Pre-Test Probability of Coronary Artery Disease and Severity of Coronary Arterial Calcification. <i>Journal of the American College of Cardiology</i> , 2012, 59, 379-387.	2.8	222
128	Fractional Flow Reserve Estimation by Coronary Computed Tomography Angiography. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1410-1411.	2.8	8
129	Head-to-Head Comparison of Left Ventricular Function Assessment with 64-Row Computed Tomography, Biplane Left Cineventriculography, and Both 2- and 3-Dimensional Transthoracic Echocardiography. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1897-1907.	2.8	169
130	Indications, imaging technique, and reading of cardiac computed tomography: survey of clinical practice. <i>European Radiology</i> , 2012, 22, 59-72.	4.5	22
131	DNA double-strand breaks as potential indicators for the biological effects of ionising radiation exposure from cardiac CT and conventional coronary angiography: a randomised, controlled study. <i>European Radiology</i> , 2012, 22, 1641-1650.	4.5	32
132	Sex Ratio during Medical Studies and Specialty Training. <i>Deutsches A&amp;#x0308;rzteblatt International</i> , 2012, 109, 735; author reply 736.	0.9	0
133	Diagnostic performance of combined noninvasive coronary angiography and myocardial perfusion imaging using 320 row detector computed tomography: design and implementation of the CORE320 multicenter, multinational diagnostic study. <i>Journal of Cardiovascular Computed Tomography</i> , 2011, 5, 370-381.	1.3	77
134	Whole-Heart Coronary Magnetic Resonance Angiography at 1.5 Tesla. <i>Investigative Radiology</i> , 2011, 46, 152-159.	6.2	16
135	Influence of coronary artery disease prevalence on predictive values of coronary CT angiography: a meta-regression analysis. <i>European Radiology</i> , 2011, 21, 1904-1913.	4.5	37
136	Randomized controlled trial of abductor muscle damage in relation to the surgical approach for primary total hip replacement: minimally invasive anterolateral versus modified direct lateral approach. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011, 131, 179-189.	2.4	93
137	Age-related appearance of muscle trauma in primary total hip arthroplasty and the benefit of a minimally invasive approach for patients older than 70Âyears. <i>International Orthopaedics</i> , 2011, 35, 165-171.	1.9	52
138	Reduction of claustrophobia during magnetic resonance imaging: methods and design of the "CLAUSTRO" randomized controlled trial. <i>BMC Medical Imaging</i> , 2011, 11, 4.	2.7	61
139	Coronary MR angiography using citrateâ€coated very small superparamagnetic iron oxide particles as bloodâ€pool contrast agent: Initial experience in humans. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 816-823.	3.4	57
140	Radiation Exposure to Patients in a Multicenter Coronary Angiography Trial (CORE 64). <i>American Journal of Roentgenology</i> , 2011, 196, 1126-1132.	2.2	30
141	Coronary Artery Stenoses: Accuracy of 64â€Detector Row CT Angiography in Segments with Mild, Moderate, or Severe Calcificationâ€A Subanalysis of the CORE-64 Trial. <i>Radiology</i> , 2011, 261, 100-108.	7.3	136
142	Wake Up and Smell the PRISMA, Cochrane, and QUADAS Statements. <i>Radiology</i> , 2011, 261, 325-326.	7.3	2
143	Diagnostic Performance of Combined Noninvasive Coronary Angiography and Myocardial Perfusion Imaging Using 320-MDCT: The CT Angiography and Perfusion Methods of the CORE320 Multicenter Multinational Diagnostic Study. <i>American Journal of Roentgenology</i> , 2011, 197, 829-837.	2.2	113
144	Reduction of Claustrophobia with Short-Bore versus Open Magnetic Resonance Imaging: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2011, 6, e23494.	2.5	38

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145	A clinical prediction rule for the diagnosis of coronary artery disease: validation, updating, and extension. <i>European Heart Journal</i> , 2011, 32, 1316-1330.	2.2	427
146	Coronary CT versus MR Angiography: Pro CT – The Role of CT Angiography. <i>Radiology</i> , 2011, 258, 329-339.	7.3	28
147	Influence of statin treatment on coronary atherosclerosis visualised using multidetector computed tomography. <i>European Radiology</i> , 2010, 20, 2824-2833.	4.5	49
148	MRI findings of gluteus minimus muscle damage in primary total hip arthroplasty and the influence on clinical outcome. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2010, 130, 927-935.	2.4	56
149	Evidence of Reduced Muscle Trauma Through a Minimally Invasive Anterolateral Approach by Means of MRI. <i>Clinical Orthopaedics and Related Research</i> , 2010, 468, 3192-3200.	1.5	74
150	Prospective helical acquisition for coronary CT angiography. <i>International Journal of Cardiovascular Imaging</i> , 2010, 26, 109-110.	1.5	1
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