

# Marc Dewey

## List of Publications by Year in descending order

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Version: 2024-02-01

216  
papers

9,940  
citations

47409

49  
h-index

45040

94  
g-index

240  
all docs

240  
docs citations

240  
times ranked

8477  
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.	2.3	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.	0.4	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.	1.7	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.	1.6	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.	1.8	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.	2.3	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.	2.3	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.	1.6	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.	1.6	5
10	CT or Invasive Coronary Angiography in Stable Chest Pain. <i>New England Journal of Medicine</i> , 2022, 386, 1591-1602.	13.9	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.	2.3	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.	1.6	5
13	Fractal Analysis of Dynamic Stress CT-Perfusion Imaging for Detection of Hemodynamically Relevant Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2022, , .	2.3	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, .	1.1	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.	0.7	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.	0.8	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.	2.3	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.	2.3	16

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19	Vertrauen in KI-basierte Radiologie â€“ Erste Erkenntnisse durch eine explorative Stakeholder-Konsultation. Forum Dienstleistungsmanagement, 2021, , 309-335.	1.0	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.	2.3	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.	0.7	9
22	Effect of Computed Tomography Versus Invasive Coronary Angiography on Statin Adherence. JACC: Cardiovascular Imaging, 2021, 14, 1480-1483.	2.3	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.	2.3	53
24	Prediction of prostate cancer grade using fractal analysis of perfusion MRI: retrospective proof-of-principle study. European Radiology, 2021, , 1.	2.3	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.	5.4	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.	0.5	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.	2.3	85
28	Performing Computed Tomography Instead of Invasive Coronary Angiography. JACC: Cardiovascular Imaging, 2020, 13, 888-889.	2.3	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.	2.3	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.	3.6	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.	1.2	4
32	Evaluation of PEEP and prone positioning in early COVID-19 ARDS. EclinicalMedicine, 2020, 28, 100579.	3.2	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.	0.8	4
34	Coronary Computed Tomography Angiography. JAMA - Journal of the American Medical Association, 2020, 324, 1455.	3.8	0
35	Automatic prostate and prostate zones segmentation of magnetic resonance images using DenseNet-like U-net. Scientific Reports, 2020, 10, 14315.	1.6	78
36	Continuous Learning AI in Radiology: Implementation Principles and Early Applications. Radiology, 2020, 297, 6-14.	3.6	92

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37	How to Measure the Aorta Using MRI: A Practical Guide. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 971-977.	1.9	17
38	Health-related quality of life, angina type and coronary artery disease in patients with stable chest pain. <i>Health and Quality of Life Outcomes</i> , 2020, 18, 140.	1.0	14
39	Neural networks-based regularization for large-scale medical image reconstruction. <i>Physics in Medicine and Biology</i> , 2020, 65, 135003.	1.6	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. <i>European Radiology</i> , 2020, 30, 5684-5689.	2.3	5
41	Clinical quantitative cardiac imaging for the assessment of myocardial ischaemia. <i>Nature Reviews Cardiology</i> , 2020, 17, 427-450.	6.1	94
42	Integrating artificial intelligence into the clinical practice of radiology: challenges and recommendations. <i>European Radiology</i> , 2020, 30, 3576-3584.	2.3	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. <i>PLoS ONE</i> , 2020, 15, e0228736.	1.1	11
44	Developing a lung nodule management protocol specifically for cardiac CT: Methodology in the DISCHARGE trial. <i>European Journal of Radiology Open</i> , 2020, 7, 100235.	0.7	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. <i>Radiology</i> , 2019, 292, 664-672.	3.6	51
50	Deep learning and medical diagnosis. <i>Lancet, The</i> , 2019, 394, 1710-1711.	6.3	16
51	The Bionic Radiologist: avoiding blurry pictures and providing greater insights. <i>Npj Digital Medicine</i> , 2019, 2, 65.	5.7	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. <i>BMJ: British Medical Journal</i> , 2019, 365, l1945.	2.4	99
53	Clinical Imaging Research: Higher Evidence, Global Collaboration, Improved Reporting, and Data Sharing Are the Grand Challenges. <i>Radiology</i> , 2019, 291, 547-552.	3.6	15
54	Patient Preferences for Coronary CT Angiography with Stress Perfusion, SPECT, or Invasive Coronary Angiography. <i>Radiology</i> , 2019, 291, 340-348.	3.6	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.	2.3	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.	2.3	10
57	Impact and perceived value of journal reporting guidelines among Radiology authors and reviewers. <i>European Radiology</i> , 2019, 29, 3986-3995.	2.3	17
58	Contemporary Discrepancies of Stenosis Assessment by Computed Tomography and Invasive Coronary Angiography. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e007720.	1.3	28
59	Quantification of Normal Parametric Values: A Prerequisite for Routine Cardiac MRI. <i>Radiology</i> , 2019, 290, 327-328.	3.6	0
60	Extracardiac findings on coronary computed tomography angiography in patients without significant coronary artery disease. <i>European Radiology</i> , 2019, 29, 1714-1723.	2.3	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.	2.3	7
64	Extracardiac findings at cardiac MR imaging: a single-centre retrospective study over 14 years. <i>European Radiology</i> , 2018, 28, 4102-4110.	2.3	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.	2.3	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.	2.3	16
67	Coronary Artery Disease: Analysis of Diagnostic Performance of CT Perfusion and MR Perfusion Imaging in Comparison with Quantitative Coronary Angiography and SPECT. Multicenter Prospective Trial. <i>Radiology</i> , 2018, 286, 461-470.	3.6	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.	1.1	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.	0.7	4
70	The future of radiology: adding value to clinical care. <i>Lancet, The</i> , 2018, 392, 472-473.	6.3	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.	0.7	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.	3.6	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.	2.3	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.	2.3	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.	2.3	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.	3.6	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.	0.8	11
78	Structure or entropy in reporting cardiac CT findings. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1657-1658.	0.7	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.	3.0	2
80	Computed Tomographic Perfusion Improves Diagnostic Power of Coronary Computed Tomographic Angiography in Women. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	1.3	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.	3.0	86
82	Investigating Patients for CAD Before Cardiac Valve Surgery. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 1071-1073.	2.3	0
83	Plans for European medical doctorate. <i>Nature</i> , 2016, 529, 156-156.	13.7	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.	0.5	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.	1.1	15
86	Comprehensive Assessment of Radiation Dose Estimates for the CORE320 Study. <i>American Journal of Roentgenology</i> , 2015, 204, W27-W36.	1.0	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.	2.4	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.	0.5	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.	1.3	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.	2.3	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.	0.8	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.	1.3	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.	0.4	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.	0.7	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.	2.4	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.	1.1	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.	1.1	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.	0.4	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.	0.7	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.	1.0	385
101	Compliance with STARD Checklist among Studies of Coronary CT Angiography: Systematic Review. <i>Radiology</i> , 2014, 271, 74-86.	3.6	11
102	Zelen Design in Randomized Controlled Clinical Trials. <i>Radiology</i> , 2014, 272, 919-919.	3.6	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.	3.6	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.	2.3	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.	0.8	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.	2.3	15
108	Extracardiac findings on coronary CT angiography: A systematic review. <i>Journal of Cardiovascular Computed Tomography</i> , 2014, 8, 174-182.e6.	0.7	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.	0.4	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.	2.5	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>	1.0	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.	1.2	90
113	CT Assessment of Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 1072-1074.	2.3	4
114	Predictors of Inaccurate Coronary Arterial Stenosis Assessment by CT Angiography. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 963-972.	2.3	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.	0.7	17
116	Coronary CT Angiography Cannot be Recommended in Patients with Atrial Fibrillation. <i>Radiology</i> , 2013, 269, 947-948.	3.6	3
117	Increase in Creatinine for the Prediction of Contrast-induced Nephropathy. <i>Radiology</i> , 2013, 269, 623-624.	3.6	0
118	Noninvasive Approach to Assess Coronary Artery Stenoses and Ischemia. <i>JAMA - Journal of the American Medical Association</i> , 2013, 309, 233.	3.8	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.	1.5	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.	1.1	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.	1.1	12
122	Increase in Creatinine for the Prediction of Contrast-induced Nephropathy. <i>Radiology</i> , 2013, 269, 623-624.	3.6	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.	3.0	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.	3.0	225
125	The Revised QUADAS-2 Tool. <i>Annals of Internal Medicine</i> , 2012, 156, 323.	2.0	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.	1.2	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.	1.2	222
128	Fractional Flow Reserve Estimation by Coronary Computed Tomography Angiography. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1410-1411.	1.2	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.	1.2	169
130	Indications, imaging technique, and reading of cardiac computed tomography: survey of clinical practice. <i>European Radiology</i> , 2012, 22, 59-72.	2.3	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.	2.3	32
132	Sex Ratio during Medical Studies and Specialty Training. <i>Deutsches A&amp;#x0308;rzteblatt International</i> , 2012, 109, 735; author reply 736.	0.6	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.	0.7	77
134	Whole-Heart Coronary Magnetic Resonance Angiography at 1.5 Tesla. <i>Investigative Radiology</i> , 2011, 46, 152-159.	3.5	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.	2.3	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.	1.3	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.	0.9	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.	1.4	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.	1.9	57
140	Radiation Exposure to Patients in a Multicenter Coronary Angiography Trial (CORE 64). <i>American Journal of Roentgenology</i> , 2011, 196, 1126-1132.	1.0	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.	3.6	136
142	Wake Up and Smell the PRISMA, Cochrane, and QUADAS Statements. <i>Radiology</i> , 2011, 261, 325-326.	3.6	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.	1.0	113
144	Reduction of Claustrophobia with Short-Bore versus Open Magnetic Resonance Imaging: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2011, 6, e23494.	1.1	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.	1.0	427
146	Coronary CT versus MR Angiography: Pro CTâ€™The Role of CT Angiography. <i>Radiology</i> , 2011, 258, 329-339.	3.6	28
147	Influence of statin treatment on coronary atherosclerosis visualised using multidetector computed tomography. <i>European Radiology</i> , 2010, 20, 2824-2833.	2.3	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.	1.3	56
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