

Martin R Prince

List of Publications by Year in descending order

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347
papers

17,732
citations

15001

68
h-index

19470

122
g-index

360
all docs

360
docs citations

360
times ranked

13360
citing authors

#	ARTICLE	IF	CITATIONS
1	Gadolinium-enhanced MR aortography.. Radiology, 1994, 191, 155-164.	3.6	848
2	Stenting and Medical Therapy for Atherosclerotic Renal-Artery Stenosis. New England Journal of Medicine, 2014, 370, 13-22.	13.9	804
3	Breath-hold gadolinium-enhanced MR angiography of the abdominal aorta and its major branches.. Radiology, 1995, 197, 785-792.	3.6	627
4	Dynamic gadolinium-enhanced three-dimensional abdominal MR arteriography. Journal of Magnetic Resonance Imaging, 1993, 3, 877-881.	1.9	505
5	Diagnosis of Pulmonary Embolism with Magnetic Resonance Angiography. New England Journal of Medicine, 1997, 336, 1422-1427.	13.9	502
6	Morphology enabled dipole inversion for quantitative susceptibility mapping using structural consistency between the magnitude image and the susceptibility map. NeuroImage, 2012, 59, 2560-2568.	2.1	397
7	Nephrotoxicity of high-dose gadolinium compared with iodinated contrast. Journal of Magnetic Resonance Imaging, 1996, 6, 162-166.	1.9	385
8	The effects of time varying intravascular signal intensity and k-space acquisition order on three-dimensional MR angiography image quality. Journal of Magnetic Resonance Imaging, 1996, 6, 642-651.	1.9	299
9	25 Years of Contrast-Enhanced MRI: Developments, Current Challenges and Future Perspectives. Advances in Therapy, 2016, 33, 1-28.	1.3	297
10	The dissected aorta: part III. Anatomy and radiologic diagnosis of branch-vessel compromise.. Radiology, 1997, 203, 37-44.	3.6	288
11	Automated detection of bolus arrival and initiation of data acquisition in fast, three-dimensional, gadolinium-enhanced MR angiography.. Radiology, 1997, 203, 275-280.	3.6	284
12	Incidence of Nephrogenic Systemic Fibrosis at Two Large Medical Centers. Radiology, 2008, 248, 807-816.	3.6	272
13	Three-dimensional gadolinium-enhanced MR angiography of the thoracic aorta.. American Journal of Roentgenology, 1996, 166, 1387-1397.	1.0	268
14	The Dissected Aorta: Percutaneous Treatment of Ischemic Complicationsâ€”Principles and Results. Journal of Vascular and Interventional Radiology, 1997, 8, 605-625.	0.2	247
15	Quantitative MR susceptibility mapping using piecewise constant regularized inversion of the magnetic field. Magnetic Resonance in Medicine, 2008, 60, 1003-1009.	1.9	247
16	Incidence of Immediate Gadolinium Contrast Media Reactions. American Journal of Roentgenology, 2011, 196, W138-W143.	1.0	241
17	Contrast-enhanced abdominal MR angiography: optimization of imaging delay time by automating the detection of contrast material arrival in the aorta.. Radiology, 1997, 203, 109-114.	3.6	238
18	The value of specific MRI features in the evaluation of suspected placental invasion. Magnetic Resonance Imaging, 2007, 25, 87-93.	1.0	234

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19	Gadolinium Retention: A Research Roadmap from the 2018 NIH/ACR/RSNA Workshop on Gadolinium Chelates. <i>Radiology</i> , 2018, 289, 517-534.	3.6	208
20	Clinical quantitative susceptibility mapping (QSM): Biometal imaging and its emerging roles in patient care. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 951-971.	1.9	199
21	Gadolinium-enhanced MR angiography of visceral arteries in patients with suspected chronic mesenteric ischemia. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 171-176.	1.9	189
22	The Relationship of Left Ventricular Trabeculation to Ventricular Function and Structure Over a 9.5-Year Follow-Up. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1971-1980.	1.2	176
23	Trabeculated (Noncompacted) and Compact Myocardium in Adults. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 357-366.	1.3	165
24	Hemodynamically significant atherosclerotic renal artery stenosis: MR angiographic features.. <i>Radiology</i> , 1997, 205, 128-136.	3.6	164
25	Signal Change in the Dentate Nucleus on T1-Weighted MR Images After Multiple Administrations of Gadopentetate Dimeglumine Versus Gadobutrol. <i>American Journal of Roentgenology</i> , 2016, 206, 414-419.	1.0	157
26	MR angiography with an ultrasmall superparamagnetic iron oxide blood pool agent. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 209-214.	1.9	143
27	Gadolinium-enhanced magnetic resonance angiography of abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 1995, 21, 656-669.	0.6	140
28	3D contrast-enhanced MR angiography. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 25, 13-25.	1.9	133
29	Pulmonary Microvascular Blood Flow in Mild Chronic Obstructive Pulmonary Disease and Emphysema. The MESA COPD Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 570-580.	2.5	127
30	¹¹ C-Dihydrotetrabenazine PET of the Pancreas in Subjects with Long-Standing Type 1 Diabetes and in Healthy Controls. <i>Journal of Nuclear Medicine</i> , 2009, 50, 382-389.	2.8	116
31	Immediate Allergic Reactions to Gadolinium-based Contrast Agents: A Systematic Review and Meta-Analysis. <i>Radiology</i> , 2018, 286, 471-482.	3.6	116
32	Normal Left Ventricular Myocardial Thickness for Middle-Aged and Older Subjects With Steady-State Free Precession Cardiac Magnetic Resonance. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 500-508.	1.3	114
33	Morphologic and Functional Magnetic Resonance Imaging of Renal Artery Stenosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 158-169.	3.0	114
34	Quantitative evaluation of susceptibility and shielding effects of nitinol, platinum, cobalt-alloy, and stainless steel stents. <i>Magnetic Resonance in Medicine</i> , 2003, 49, 972-976.	1.9	112
35	Risk factors for NSF: A literature review. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 1298-1308.	1.9	110
36	Arterial-phase three-dimensional contrast-enhanced MR angiography of the carotid arteries.. <i>American Journal of Roentgenology</i> , 1996, 167, 211-215.	1.0	109

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37	Respiratory and cardiac self-gated free-breathing cardiac CINE imaging with multiecho 3D hybrid radial SSFP acquisition. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 1230-1237.	1.9	109
38	Magnetic Resonance Angiography With Gadomer-17. <i>Investigative Radiology</i> , 1998, 33, 699-708.	3.5	109
39	Anti-P-selectin antibody decreases inflammation and thrombus formation in venous thrombosis. <i>Journal of Vascular Surgery</i> , 1997, 25, 816-828.	0.6	108
40	Contrast Material Travel Times in Patients Undergoing Peripheral MR Angiography. <i>Radiology</i> , 2002, 224, 55-61.	3.6	105
41	Flow compensated quantitative susceptibility mapping for venous oxygenation imaging. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 438-445.	1.9	104
42	Blood Pool MR Angiography of Aortic Stent-Graft Endoleak. <i>American Journal of Roentgenology</i> , 2004, 182, 1181-1186.	1.0	103
43	Iron oxide-enhanced MR lymphography: The evaluation of cervical lymph node metastases in head and neck cancer. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 75-81.	1.9	101
44	Thoracic MR aortography: imaging techniques and strategies.. <i>Radiographics</i> , 1998, 18, 287-309.	1.4	100
45	Reproducibility of quantitative susceptibility mapping in the brain at two field strengths from two vendors. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1592-1600.	1.9	99
46	Multicenter Safety and Practice for Off-Label Diagnostic Use of Ferumoxytol in MRI. <i>Radiology</i> , 2019, 293, 554-564.	3.6	99
47	Gadodiamide Administration Causes Spurious Hypocalcemia. <i>Radiology</i> , 2003, 227, 639-646.	3.6	98
48	Vascular complications of liver transplantation: evaluation with gadolinium-enhanced MR angiography.. <i>Radiology</i> , 1998, 207, 153-160.	3.6	97
49	3D gadolinium-enhanced MR angiography of the carotid arteries. <i>Magnetic Resonance Imaging</i> , 1996, 14, 593-600.	1.0	96
50	Contrast-Enhanced Peripheral MR Angiography from the Abdominal Aorta to the Pedal Arteries. <i>Investigative Radiology</i> , 2001, 36, 170-177.	3.5	96
51	Nephrogenic Systemic Fibrosis. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 1206-1216.	2.3	96
52	Extent of Signal Hyperintensity on Unenhanced T1-weighted Brain MR Images after More than 35 Administrations of Linear Gadolinium-based Contrast Agents. <i>Radiology</i> , 2017, 282, 516-525.	3.6	94
53	Diagnosis of Renal Vascular Disease with MR Angiography. <i>Radiographics</i> , 1999, 19, 1535-1554.	1.4	90
54	Impaired Left Ventricular Filling in COPD and Emphysema: Is It the Heart or the Lungs?. <i>Chest</i> , 2013, 144, 1143-1151.	0.4	86

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55	Venous thrombosis prophylaxis by inflammatory inhibition without anticoagulation therapy. Journal of Vascular Surgery, 2000, 31, 309-324.	0.6	85
56	Magnetic resonance imaging anatomy of the female urethra: A direct histologic comparison. Obstetrics and Gynecology, 1996, 88, 750-756.	1.2	82
57	Nephrogenic Systemic Fibrosis and Its Impact on Abdominal Imaging. Radiographics, 2009, 29, 1565-1574.	1.4	82
58	CONTRAST-ENHANCED MR ANGIOGRAPHY. Magnetic Resonance Imaging Clinics of North America, 1998, 6, 257-267.	0.6	81
59	Human airway branch variation and chronic obstructive pulmonary disease. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E974-E981.	3.3	80
60	A Systematic Review of 639 Patients with Biopsy-confirmed Nephrogenic Systemic Fibrosis. Radiology, 2019, 292, 376-386.	3.6	80
61	Automated Segmentation of Routine Clinical Cardiac Magnetic Resonance Imaging for Assessment of Left Ventricular Diastolic Dysfunction. Circulation: Cardiovascular Imaging, 2009, 2, 476-484.	1.3	77
62	Pulmonary Hyperinflation and Left Ventricular Mass. Circulation, 2013, 127, 1503-1511.	1.6	76
63	Cor Pulmonale Parvus in Chronic Obstructive Pulmonary Disease and Emphysema. Journal of the American College of Cardiology, 2014, 64, 2000-2009.	1.2	76
64	The diameter of the inferior vena cava and its implications for the use of vena caval filters.. Radiology, 1983, 149, 687-689.	3.6	75
65	MR imaging (including MR angiography) of abdominal aortic aneurysms: comparison with conventional angiography.. American Journal of Roentgenology, 1994, 163, 203-210.	1.0	75
66	Percent Emphysema and Right Ventricular Structure and Function. Chest, 2013, 144, 136-144.	0.4	75
67	The effects of incomplete breath-holding on 3D MR Image Quality. Journal of Magnetic Resonance Imaging, 1997, 7, 1132-1139.	1.9	73
68	Minimizing Risk of Nephrogenic systemic fibrosis in Cardiovascular Magnetic Resonance. Journal of Cardiovascular Magnetic Resonance, 2012, 14, 29.	1.6	73
69	Magnetic resonance imaging in renal transplantation. Journal of Magnetic Resonance Imaging, 1999, 10, 357-368.	1.9	70
70	Deep venous thrombosis complicating a congenital absence of the inferior vena cava. Surgery, 1996, 120, 891-896.	1.0	69
71	Effects of papillary muscles and trabeculae on left ventricular quantification: increased impact of methodological variability in patients with left ventricular hypertrophy. Journal of Hypertension, 2008, 26, 1677-1685.	0.3	69
72	Viral IL-10 Gene Transfer Decreases Inflammation and Cell Adhesion Molecule Expression in a Rat Model of Venous Thrombosis. Journal of Immunology, 2000, 164, 2131-2141.	0.4	67

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73	Gadolinium-enhanced magnetic resonance angiography of renal transplants. <i>Magnetic Resonance Imaging</i> , 1997, 15, 13-20.	1.0	66
74	<i>In vivo</i> quantification of contrast agent concentration using the induced magnetic field for time-resolved arterial input function measurement with MRI. <i>Medical Physics</i> , 2008, 35, 5328-5339.	1.6	66
75	Coronary MR Angiography: Selection of Acquisition Window of Minimal Cardiac Motion with Electrocardiography-triggered Navigator Cardiac Motion Prescanning—Initial Results. <i>Radiology</i> , 2001, 218, 580-585.	3.6	64
76	“Bull’s-eye” sign on gadolinium-enhanced magnetic resonance venography determines thrombus presence and age: A preliminary study. <i>Journal of Vascular Surgery</i> , 1997, 26, 809-816.	0.6	62
77	In Vitro Model of Arterial Stenosis: Correlation of MR Signal Dephasing and Trans-Stenotic Pressure Gradients. <i>Magnetic Resonance Imaging</i> , 1998, 16, 301-310.	1.0	62
78	Left Ventricle: Automated Segmentation by Using Myocardial Effusion Threshold Reduction and Intravoxel Computation at MR Imaging. <i>Radiology</i> , 2008, 248, 1004-1012.	3.6	62
79	Gadolinium-enhanced 3D magnetic resonance angiography of the thoracic vessels. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 758-770.	1.9	61
80	Decreased Venous Contamination on 3D Gadolinium-Enhanced Bolus Chase Peripheral MR Angiography Using Thigh Compression. <i>American Journal of Roentgenology</i> , 2004, 183, 1041-1047.	1.0	61
81	BODY MR ANGIOGRAPHY WITH GADOLINIUM CONTRAST AGENTS. <i>Magnetic Resonance Imaging Clinics of North America</i> , 1996, 4, 11-24.	0.6	60
82	3D dynamic contrast-enhanced MRI of rectal carcinoma at 3T: Correlation with microvascular density and vascular endothelial growth factor markers of tumor angiogenesis. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 1309-1316.	1.9	59
83	Bolus Arterial-Venous Transit in the Lower Extremity and Venous Contamination in Bolus Chase Three-Dimensional Magnetic Resonance Angiography. <i>Investigative Radiology</i> , 2002, 37, 458-463.	3.5	58
84	Bone quantitative susceptibility mapping using a chemical species-specific signal model with ultrashort and conventional echo data. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 121-128.	1.9	58
85	Radiologic Monitoring of Hepatocellular Carcinoma Tumor Viability after Transhepatic Arterial Chemoembolization: Estimating the Accuracy of Contrast-enhanced Cross-sectional Imaging with Histopathologic Correlation. <i>Journal of Vascular and Interventional Radiology</i> , 2009, 20, 30-38.	0.2	57
86	Unambiguous identification of superparamagnetic iron oxide particles through quantitative susceptibility mapping of the nonlinear response to magnetic fields. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1383-1389.	1.0	57
87	Contrast-enhanced MR angiography. <i>Abdominal Imaging</i> , 1998, 23, 469-484.	2.0	54
88	Optimizing Three-Dimensional Gadolinium-Enhanced Magnetic Resonance Angiography. <i>Investigative Radiology</i> , 1998, 33, 528-537.	3.5	54
89	Algorithm for fast monoexponential fitting based on Auto-Regression on Linear Operations (ARLO) of data. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 843-850.	1.9	53
90	Effective motion-sensitizing magnetization preparation for black blood magnetic resonance imaging of the heart. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1092-1100.	1.9	51

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91	Interobserver Variability in the Evaluation of Chronic Mesenteric Ischemia with Gadolinium-enhanced MR Angiography. <i>Academic Radiology</i> , 2001, 8, 879-887.	1.3	50
92	Improved Left Ventricular Mass Quantification With Partial Voxel Interpolation. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 137-146.	1.3	50
93	Pulmonary vascular volume, impaired left ventricular filling and dyspnea: The MESA Lung Study. <i>PLoS ONE</i> , 2017, 12, e0176180.	1.1	50
94	MRI and CT contrast media extravasation. <i>Medicine (United States)</i> , 2018, 97, e0055.	0.4	50
95	Quantitative susceptibility mapping (QSM) minimizes interference from cellular pathology in R2* estimation of liver iron concentration. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1069-1079.	1.9	50
96	Renal MR angiography: A comprehensive approach. <i>Journal of Magnetic Resonance Imaging</i> , 1998, 8, 511-516.	1.9	49
97	Peripheral Vascular Disease: Combined 3D Bolus Chase and Dynamic 2D MR Angiography Compared with X-ray Angiography for Treatment Planning. <i>Radiology</i> , 2002, 224, 63-74.	3.6	49
98	A fast navigator-gated 3D sequence for delayed enhancement MRI of the myocardium: Comparison with breathhold 2D imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 802-808.	1.9	49
99	Renal MR angiography. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2004, 12, 487-503.	0.6	48
100	Comparative in vitro evaluation of the nitinol inferior vena cava filter. <i>Radiology</i> , 1982, 145, 351-355.	3.6	47
101	Impact of diastolic dysfunction severity on global left ventricular volumetric filling - assessment by automated segmentation of routine cine cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, 46.	1.6	47
102	Three-dimensional Contrast-enhanced MR Angiography. <i>Topics in Magnetic Resonance Imaging</i> , 1996, 8, 322-344.	0.7	46
103	The development of endotension is associated with increased transmission of pressure and serous components in porous expanded polytetrafluoroethylene stent-grafts: Characterization using a canine model. <i>Journal of Vascular Surgery</i> , 2006, 43, 109-116.	0.6	46
104	Expanding role of MR angiography in clinical practice. <i>European Radiology, Supplement</i> , 2006, 16, B3-B8.	1.8	46
105	Renal Artery Stenosis Evaluation: Diagnostic Performance of Gadobenate Dimeglumine-enhanced MR Angiography—Comparison with DSA. <i>Radiology</i> , 2008, 247, 273-285.	3.6	46
106	Arterial-Phase Three-Dimensional Gadolinium Magnetic Resonance Angiography of the Renal Arteries. <i>Investigative Radiology</i> , 1998, 33, 506-514.	3.5	45
107	Subclavian MR Arteriography: Reduction of Susceptibility Artifact with Short Echo Time and Dilute Gadopentetate Dimeglumine. <i>Radiology</i> , 2000, 217, 581-586.	3.6	44
108	3-T MRI of Rectal Carcinoma: Preoperative Diagnosis, Staging, and Planning of Sphincter-Sparing Surgery. <i>American Journal of Roentgenology</i> , 2008, 190, 1271-1278.	1.0	44

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109	Anatomic Imaging of Abdominal Perforator Flaps without Ionizing Radiation: Seeing Is Believing with Magnetic Resonance Imaging Angiography. <i>Journal of Reconstructive Microsurgery</i> , 2010, 26, 037-044.	1.0	43
110	A pilot investigation of new superparamagnetic iron oxide (ferumoxytol) as a contrast agent for cardiovascular MRI. <i>Journal of X-Ray Science and Technology</i> , 2003, 11, 231-40.	0.7	43
111	Local Intravascular Effects of the Nitinol Wire Blood Clot Filter. <i>Investigative Radiology</i> , 1988, 23, 294-300.	3.5	42
112	Effect of the rate of gadopentetate dimeglumine administration on abdominal vascular and soft-tissue MR imaging enhancement patterns.. <i>Radiology</i> , 1996, 201, 809-816.	3.6	42
113	Perforator flap magnetic resonance angiography for reconstructive breast surgery: A review of 25 deep inferior epigastric and gluteal perforator artery flap patients. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 1176-1184.	1.9	42
114	Quantitative and Semiquantitative Measures of Regional Pulmonary Microvascular Perfusion by Magnetic Resonance Imaging and Their Relationships to Global Lung Perfusion and Lung Diffusing Capacity. <i>Investigative Radiology</i> , 2013, 48, 223-230.	3.5	42
115	Renal Artery Stenosis: Imaging Options, Pitfalls, and Concerns. <i>Progress in Cardiovascular Diseases</i> , 2009, 52, 209-219.	1.6	41
116	Fast 3D contrast enhanced MRI of the liver using temporal resolution acceleration with constrained evolution reconstruction. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 370-381.	1.9	41
117	Time of flight renal MR angiography: Utility in patients with renal insufficiency. <i>Magnetic Resonance Imaging</i> , 1993, 11, 925-930.	1.0	40
118	Usefulness of Magnetic Resonance Angiography in the Evaluation of Complex Congenital Heart Disease in Newborns and Infants. <i>American Journal of Cardiology</i> , 2007, 100, 715-721.	0.7	39
119	Kalman filtering for real-time navigator processing. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 158-168.	1.9	39
120	Effect of Renal Function on Gadolinium-Related Signal Increases on Unenhanced T1-Weighted Brain Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2016, 51, 677-682.	3.5	39
121	Effect of gadolinium on phase-contrast MR angiography of the renal arteries.. <i>American Journal of Roentgenology</i> , 1997, 168, 261-266.	1.0	38
122	Effects of gadopentetate dimeglumine and gadodiamide on serum calcium, magnesium, and creatinine measurements. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 383-387.	1.9	38
123	Pancreatic Cysts in Autosomal Dominant Polycystic Kidney Disease: Prevalence and Association with PKD2 Gene Mutations. <i>Radiology</i> , 2016, 280, 762-770.	3.6	37
124	Diagnosis of renal artery stenosis with magnetic resonance angiography: update 2003. <i>Nephrology Dialysis Transplantation</i> , 2003, 18, 1252-1256.	0.4	36
125	Pulmonary Embolism in Hospitalized Patients with COVID-19: A Multicenter Study. <i>Radiology</i> , 2021, 301, E426-E433.	3.6	35
126	Pulmonary magnetic resonance angiography. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 326-338.	1.9	34

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127	3D Contrast MR Angiography. , 1999, , .		34
128	The creation of an infrarenal aneurysm within the native abdominal aorta of swine. <i>Surgery</i> , 2007, 142, 143-149.	1.0	33
129	Improved hepatic arterial phase MRI with 3-second temporal resolution. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 1129-1136.	1.9	33
130	The association between cardiovascular risk and cardiovascular magnetic resonance measures of fibrosis: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 15.	1.6	32
131	Cross-sectional imaging anatomy of the anal sphincters. <i>Obstetrics and Gynecology</i> , 1997, 90, 839-844.	1.2	31
132	Doppler US gating of cardiac MR imaging. <i>Academic Radiology</i> , 2000, 7, 1116-1122.	1.3	31
133	Rapid Serum Carotene Loading with High-Dose β -Carotene. <i>Journal of Cardiovascular Pharmacology</i> , 1991, 17, 343-347.	0.8	30
134	Diagnostic Accuracy of Time-Resolved 2D Projection MR Angiography for Symptomatic Infrapopliteal Arterial Occlusive Disease. <i>American Journal of Roentgenology</i> , 2005, 184, 938-947.	1.0	30
135	Changes in hepatic venous morphology with cirrhosis on MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 1085-1092.	1.9	30
136	Rapid and accurate left ventricular chamber quantification using a novel CMR segmentation algorithm: A clinical validation study. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 845-853.	1.9	30
137	Contemporary Applications and Limitations of Magnetic Resonance Imaging Contrast Materials. <i>Journal of Urology</i> , 2010, 183, 27-33.	0.2	30
138	Safety of gadobutrol in over 23,000 patients: the GARDIAN study, a global multicentre, prospective, non-interventional study. <i>European Radiology</i> , 2017, 27, 286-295.	2.3	30
139	RENAL MR ANGIOGRAPHY. <i>Magnetic Resonance Imaging Clinics of North America</i> , 1998, 6, 351-370.	0.6	30
140	Abdominal Aortic Aneurysm. <i>Investigative Radiology</i> , 1999, 34, 648.	3.5	30
141	Guidelines for Training in Cardiovascular Magnetic Resonance (CMR). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2007, 9, 3-4.	1.6	29
142	Combined morphologic and functional assessment of renal artery stenosis using gadolinium enhanced magnetic resonance imaging. <i>Nephrology Dialysis Transplantation</i> , 1998, 13, 2738-2742.	0.4	28
143	High temporal and spatial resolution 4D MRA using spiral data sampling and sliding window reconstruction. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 14-18.	1.9	28
144	Magnetic resonance angiographic techniques for the diagnosis of arterial disease. <i>Cardiology Clinics</i> , 2002, 20, 501-512.	0.9	27

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145	Treatment of type II endoleaks with a novel polyurethane thrombogenic foam: Induction of endoleak thrombosis and elimination of intra-aneurysmal pressure in the canine model. <i>Journal of Vascular Surgery</i> , 2005, 42, 321-328.	0.6	27
146	Cardiac fat navigator-gated steady-state free precession 3D magnetic resonance angiography of coronary arteries. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 210-215.	1.9	27
147	Three-dimensional cine imaging using variable-density spiral trajectories and SSFP with application to coronary artery angiography. <i>Magnetic Resonance in Medicine</i> , 2007, 58, 535-543.	1.9	27
148	Z intensity-weighted position self-respiratory gating method for free-breathing 3D cardiac CINE imaging. <i>Magnetic Resonance Imaging</i> , 2011, 29, 861-868.	1.0	27
149	Rapid automated liver quantitative susceptibility mapping. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 725-732.	1.9	27
150	Effect of pulse duration on selective ablation of atherosclerotic plaque by 480- to 490-nanometer laser radiation. <i>Lasers in Surgery and Medicine</i> , 1988, 8, 18-21.	1.1	26
151	Selective laser ablation of venous thrombus: Implications for a new approach in the treatment of pulmonary embolus. <i>Lasers in Surgery and Medicine</i> , 1988, 8, 486-493.	1.1	26
152	Diagnosis of Pulmonary Embolism: Comparison of CT Angiography and MR Angiography in Canines. <i>Journal of Vascular and Interventional Radiology</i> , 1999, 10, 309-318.	0.2	26
153	Atherosclerotic disease distribution in carotid and vertebrobasilar arteries: Clinical experience in 100 patients undergoing fluoro-triggered 3D Gd-MRA. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 17, 545-558.	1.9	26
154	Soft tissue enhancement on time-resolved peripheral magnetic resonance angiography. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 19, 590-597.	1.9	26
155	Superficial femoral artery occlusive disease severity correlates with MR cine phase-contrast flow measurements. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 355-360.	1.9	26
156	Peripheral MR Angiography. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2006, 8, 517-528.	1.6	26
157	Left ventricle segmentation using graph searching on intensity and gradient and a priori knowledge (lvGIGA) for short-axis cardiac magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1393-1401.	1.9	26
158	Direct coronary motion extraction from a 2D fat image navigator for prospectively gated coronary MR angiography. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 599-607.	1.9	26
159	MR Angiography in the Preoperative Evaluation of Abdominal Aortic Aneurysms: A Preliminary Study. <i>Journal of Vascular and Interventional Radiology</i> , 1994, 5, 489-496.	0.2	25
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