Christopher J FranÃ§ois

List of Publications by Year
in descending order

167 papers	4,258 citations	109137 35 h-index	138251 58 g-index
169 all docs	169 docs citations	169 times ranked	4720 citing authors

#	Article	IF	Citations
1	Non-invasive assessment of mesenteric hemodynamics in patients with suspected chronic mesenteric ischemia using 4D flow MRI. Abdominal Radiology, 2022, 47, 1684-1698.	1.0	12
2	Development of a PET/MRI exercise stress test for determining cardiac glucose dependence in pulmonary arterial hypertension. Pulmonary Circulation, 2022, 12, e12025.	0.8	1
3	MR Angiography Series: Noncardiac Chest MR Angiography. Radiographics, 2022, 42, E48-E49.	1.4	1
4	Prevalence and risk of progressive aortic aneurysm and dissection in adults with conotruncal anomalies. European Heart Journal Cardiovascular Imaging, 2022, 23, 1663-1668.	0.5	6
5	Multimodality Deep Phenotyping Methods to Assess Mechanisms of Poor Right Ventricularâ€“Pulmonary Artery Coupling. Function, 2022, 3, .	1.1	4
6	Myocardial Strain Evaluation with Cardiovascular MRI: Physics, Principles, and Clinical Applications. Radiographics, 2022, 42, 968-990.	1.4	19
7	Diffuse Myocardial Fibrosis at Cardiac MRI in Young Adults Born Prematurely: A Cross-sectional Cohort Study. Radiology: Cardiothoracic Imaging, 2022, 4, .	0.9	1
8	Pulmonary Artery Dissection: A Fatal Complication of Pulmonary Artery Aneurysm. Radiology: Cardiothoracic Imaging, 2022, 4, .	0.9	0
9	Comparison of pulmonary artery dimensions in swine obtained from catheter angiography, multi-slice computed tomography, 3D-rotational angiography and phase-contrast magnetic resonance angiography. International Journal of Cardiovascular Imaging, 2021, 37, 743-753.	0.7	3
10	A phantom study comparing radial trajectories for accelerated cardiac 4D flow MRI against a particle imaging velocimetry reference. Magnetic Resonance in Medicine, 2021, 86, 363-371.	1.9	5
11	A Rare Case of Primary Pericardial Schwannoma. Radiology: Cardiothoracic Imaging, 2021, 3, e200176.	0.9	2
12	Stent interventions for pulmonary artery stenosis improve bi-ventricular flow efficiency in a swine model. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 13.	1.6	3
13	Multimodality Imaging of Transposition of the Great Arteries. Radiographics, 2021, 41, 338-360.	1.4	5
14	Exaggerated Cardiac Contractile Response to Hypoxia in Adults Born Preterm. Journal of Clinical Medicine, 2021, 10, 1166.	1.0	11
15	Dynamic FDG PET Imaging to Probe for Cardiac Metabolic Remodeling in Adults Born Premature. Journal of Clinical Medicine, 2021, 10, 1301.	1.0	2
16	Sildenafil administration improves right ventricular function on 4D flow MRI in young adults born premature. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H2295-H2304.	1.5	5
17	Altered Right Ventricular Filling at Four-dimensional Flow MRI in Young Adults Born Prematurely. Radiology: Cardiothoracic Imaging, 2021, 3, e200618.	0.9	1
18	Noninvasive Morphologic and Hemodynamic Evaluation of Type B Aortic Dissection: State of the Art and Future Perspectives. Radiology: Cardiothoracic Imaging, 2021, 3, e200456.	0.9	14

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19	MR Angiography Series: Fundamentals of Contrast-enhanced MR Angiography. Radiographics, 2021, 41, E138-E139.	1.4	5
20	Cardiac MRI for Left Ventricular Dyssynchrony: Time for Coordinated Response. Radiology: Cardiothoracic Imaging, 2021, 3, e210193.	0.9	2
21	Direct Intramyocardial Ethanol Injection for Premature Ventricular Contraction Arising From the Inaccessible Left Ventricular Summit. JACC: Clinical Electrophysiology, 2021, 7, 1647-1648.	1.3	3
22	Decreased ventricular size and mass mediate the reduced exercise capacity in adolescents and adults born premature. Early Human Development, 2021, 160, 105426.	0.8	3
23	Multimodality Imaging of Pulmonary Hypertension: Prognostication of Therapeutic Outcomes. Medical Radiology, 2021, , 225-257.	0.0	1
24	Exercise-induced irregular right heart flow dynamics in adolescents and young adults born preterm. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 116.	1.6	5
25	Evaluation of a motionâ€robust 2D chemical shiftâ€encoded technique for R2* and field map quantification in ferumoxytolâ€enhanced MRI of the placenta in pregnant rhesus macaques. Journal of Magnetic Resonance Imaging, 2020, 51, 580-592.	1.9	8
26	Impaired Right Ventricularâ€“Vascular Coupling in Young Adults Born Preterm. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 615-618.	2.5	25
27	â€œOne-Stop Shopâ€•For Evaluating Epicardial and Microvascular Coronary Artery Disease with Coronary CT Angiography and CT Myocardial Perfusion. Radiology, 2020, 294, 74-75.	3.6	1
28	State of the Art Flow Imaging in Adult CHD: How I Do It. Seminars in Roentgenology, 2020, 55, 279-289.	0.2	0
29	Pulmonary artery and lung parenchymal growth following early versus delayed stent interventions in a swine pulmonary artery stenosis model. Catheterization and Cardiovascular Interventions, 2020, 96, 1454-1464.	0.7	5
30	Reference ranges (â€œnormal valuesâ€) for cardiovascular magnetic resonance (CMR) in adults and children: 2020 update. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 87.	1.6	233
31	Does the Use of Nitroglycerin at MR Angiography Help Diagnose Coronary Artery Disease?. Radiology: Cardiothoracic Imaging, 2020, 2, e200017.	0.9	0
32	Highlights of the 2020 23rd Society for Cardiovascular Magnetic Resonance Scientific Sessions. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 75.	1.6	1
33	Four-dimensional-flow Magnetic Resonance Imaging of the Aortic Valve and Thoracic Aorta. Radiologic Clinics of North America, 2020, 58, 753-763.	0.9	17
34	Radiologic Imaging in Large and Medium Vessel Vasculitis. Radiologic Clinics of North America, 2020, 58, 765-779.	0.9	20
35	Abdominal Magnetic Resonance Angiography. Magnetic Resonance Imaging Clinics of North America, 2020, 28, 395-405.	0.6	6
36	Systemic ventricular strain and torsion are predictive of elevated serum NT-proBNP in Fontan patients: a magnetic resonance study. Quantitative Imaging in Medicine and Surgery, 2020, 10, 485-495.	1.1	6

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37	Feasibility of Cardiovascular Four-dimensional Flow MRI during Exercise in Healthy Participants. Radiology: Cardiothoracic Imaging, 2020, 2, e190033.	0.9	9
38	Sex Differences in Cardiac Flow Dynamics of Healthy Volunteers. Radiology: Cardiothoracic Imaging, 2020, 2, e190058.	0.9	22
39	ACR Appropriateness CriteriaÂ® Chest Pain-Possible Acute Coronary Syndrome. Journal of the American College of Radiology, 2020, 17, S55-S69.	0.9	13
40	Current Imaging Approaches and Challenges in the Assessment of Peripheral Artery Disease. , 2020, , 147-157.		0
41	Interobserver agreement for the direct and indirect signs of pulmonary embolism evaluated using contrast enhanced magnetic angiography. European Journal of Radiology Open, 2020, 7, 100256.	0.7	2
42	Peripheral Vascular Imaging Focusing on Nonatherosclerotic Disease. Radiologic Clinics of North America, 2020, 58, 831-839.	0.9	1
43	Recent Innovations in Vascular Imaging. Radiologic Clinics of North America, 2020, 58, xv.	0.9	0
44	Pulmonary Vascular Disease Evaluation with Magnetic Resonance Angiography. Radiologic Clinics of North America, 2020, 58, 707-719.	0.9	3
45	Uteroplacental and Fetal 4D Flow MRI in the Pregnant Rhesus Macaque. Journal of Magnetic Resonance Imaging, 2019, 49, 534-545.	1.9	22
46	Fast and Feasible: Two-Minute k-Space and Timeâ€“accelerated Aortic Four-dimensional Flow MRI. Radiology: Cardiothoracic Imaging, 2019, 1, e190102.	0.9	0
47	Clinical Applications of MRA 4D-Flow. Current Treatment Options in Cardiovascular Medicine, 2019, 21, 58.	0.4	13
48	Exercise-Induced Changes in Pulmonary Artery Stiffness in Pulmonary Hypertension. Frontiers in Physiology, 2019, 10, 269.	1.3	9
49	ACR Appropriateness CriteriaÂ® Nonatherosclerotic Peripheral Arterial Disease. Journal of the American College of Radiology, 2019, 16, S174-S183.	0.9	1
50	Detection and Hemodynamic Evaluation of Flap Fenestrations in Type B Aortic Dissection with 4D Flow MRI: Comparison with Conventional MRI and CT Angiography. Radiology: Cardiothoracic Imaging, 2019, 1, e180009.	0.9	34
51	A Large Animal Model of Right Ventricular Failure due to Chronic Thromboembolic Pulmonary Hypertension: A Focus on Function. Frontiers in Cardiovascular Medicine, 2019, 5, 189.	1.1	9
52	Four-Dimensional Flow Magnetic Resonance Imaging in Cardiothoracic Imaging. Advances in Clinical Radiology, 2019, 1, 43-54.	0.1	0
53	Reduced regional flow in the left ventricle after anterior acute myocardial infarction: a case control study using 4D flow MRI. BMC Medical Imaging, 2019, 19, 101.	1.4	12
54	Analysis of cavopulmonary and cardiac flow characteristics in fontan Patients: Comparison with healthy volunteers. Journal of Magnetic Resonance Imaging, 2019, 49, 1786-1799.	1.9	22

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55	Automatic Quantification of Valvular Function with Four-dimensional Flow MRI: Ready for Routine Clinical Use?. Radiology, 2019, 290, 79-80.	3.6	0
56	MR Flow and Quantification. , 2018, , 325-345.		0
57	ACR Appropriateness Criteria Â® Abdominal AorticÂAneurysm: Interventional Planning andÂFollow-Up. Journal of the American College of Radiology, 2018, 15, S2-S12.	0.9	9
58	Clinical outcomes after magnetic resonance angiography (MRA) versus computed tomographic angiography (CTA) for pulmonary embolism evaluation. Emergency Radiology, 2018, 25, 469-477.	1.0	15
59	Reduced haemodynamic coupling and exercise are associated with vascular stiffening in pulmonary arterial hypertension. Heart, 2017, 103, 421-427.	1.2	24
60	Patient-specific in vitro models for hemodynamic analysis of congenital heart disease â€“ Additive manufacturing approach. Journal of Biomechanics, 2017, 54, 111-116.	0.9	12
61	Noncontrast and Contrast-Enhanced Pulmonary Magnetic Resonance Angiography. Medical Radiology, 2017, , 21-52.	0.0	2
62	ACR Appropriateness Criteria Â® Pulsatile Abdominal Mass Suspected Abdominal AorticÂAneurysm. Journal of the American College of Radiology, 2017, 14, S258-S265.	0.9	12
63	ACR Appropriateness Criteria Â® Sudden OnsetÂofÂCold, Painful Leg. Journal of the American College of Radiology, 2017, 14, S307-S313.	0.9	14
64	Contrast-enhanced pulmonary MRA for the primary diagnosis of pulmonary embolism: current state of the art and future directions. British Journal of Radiology, 2017, 90, 20160901.	1.0	22
65	Cardiac Magnetic Resonance Imaging in Oncology. Cancer Control, 2017, 24, 147-160.	0.7	20
66	Magnetic Resonance Imaging for the Evaluation of Pulmonary Embolism. Topics in Magnetic Resonance Imaging, 2017, 26, 145-151.	0.7	11
67	Radiation Dose Reduction in CT Myocardial Perfusion Imaging Using SMART-RECON. IEEE Transactions on Medical Imaging, 2017, 36, 2557-2568.	5.4	12
68	Left and right ventricular kinetic energy using timeâ€resolved versus timeâ€average ventricular volumes. Journal of Magnetic Resonance Imaging, 2017, 45, 821-828.	1.9	22
69	Emerging Applications of Abdominal 4D Flow MRI. American Journal of Roentgenology, 2016, 207, 58-66.	1.0	39
70	Imaging of Pulmonary Hypertension. Radiologic Clinics of North America, 2016, 54, 1133-1149.	0.9	15
71	Magnetic Resonance Imaging: Aorta and Splanchnic Vessels. , 2016, , 89-103.		0
72	MR and CT Imaging for the Evaluation ofÂPulmonary Hypertension. JACC: Cardiovascular Imaging, 2016, 9, 715-732.	2.3	72

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73	Incidence of actionable findings on contrast enhanced magnetic resonance angiography ordered for pulmonary embolism evaluation. European Journal of Radiology, 2016, 85, 1383-1389.	1.2	14
74	Contrast enhanced pulmonary magnetic resonance angiography for pulmonary embolism: Building a successful program. European Journal of Radiology, 2016, 85, 553-563.	1.2	32
75	Pulmonary Embolism Detection with Three-dimensional Ultrashort Echo Time MR Imaging: Experimental Study in Canines. Radiology, 2016, 278, 413-421.	3.6	28
76	Non-contrast-enhanced MRA of renal artery stenosis: validation against DSA in a porcine model. European Radiology, 2016, 26, 547-555.	2.3	28
77	Simultaneous MRI of lung structure and perfusion in a single breathhold. Journal of Magnetic Resonance Imaging, 2015, 41, 52-59.	1.9	23
78	Non-invasive measurement using cardiovascular magnetic resonance of changes in pulmonary artery stiffness with exercise. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 109.	1.6	39
79	Impaired regulation of portal venous flow in response to a meal challenge as quantified by 4D flow MRI. Journal of Magnetic Resonance Imaging, 2015, 42, spcone-spcone.	1.9	0
80	Four-dimensional flow assessment of pulmonary artery flow and wall shear stress in adult pulmonary arterial hypertension: Results from two institutions. Magnetic Resonance in Medicine, 2015, 73, 1904-1913.	1.9	116
81	Effects of two different anesthetic protocols on 64â€MDCT coronary angiography in dogs. Veterinary Radiology and Ultrasound, 2015, 56, 46-54.	0.4	12
82	QUANTITATIVE PLANAR AND VOLUMETRIC CARDIAC MEASUREMENTS USING 64 MDCT AND 3T MRI VS. STANDARD 2D AND Mâ€MODE ECHOCARDIOGRAPHY: DOES ANESTHETIC PROTOCOL MATTER?. Veterinary Radiology and Ultrasound, 2015, 56, 638-657.	0.4	17
83	Impaired regulation of portal venous flow in response to a meal challenge as quantified by 4D flow MRI. Journal of Magnetic Resonance Imaging, 2015, 42, 1009-1017.	1.9	48
84	Imaging Studies for Pulmonary Vascular Disease. Clinical Pulmonary Medicine, 2015, 22, 307-321.	0.3	0
85	EFFECTS OF TWO DIFFERENT ANESTHETIC PROTOCOLS ON CARDIAC FLOW MEASURED BY TWO DIMENSIONAL PHASE CONTRAST MAGNETIC RESONANCE IMAGING. Veterinary Radiology and Ultrasound, 2015, 56, 168-175.	0.4	9
86	ACR Appropriateness Criteria Imaging in the Diagnosis of Thoracic Outlet Syndrome. Journal of the American College of Radiology, 2015, 12, 438-443.	0.9	41
87	Ventricular kinetic energy may provide a novel noninvasive way to assess ventricular performance in patients with repaired tetralogy of Fallot. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 1339-1347.	0.4	61
88	Magnetic Resonance Angiography of the Upper Extremity. Magnetic Resonance Imaging Clinics of North America, 2015, 23, 479-493.	0.6	7
89	MRI assessment of aortic flow and pulse wave velocity in response to exercise. Journal of Cardiovascular Magnetic Resonance, 2015, 17, M2.	1.6	1
90	Exercise cardiac MR assessment of diastolic function. Journal of Cardiovascular Magnetic Resonance, 2015, 17, .	1.6	0

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91	Left and right ventricular kinetic energy using time-resolved versus time-average ventricular volumes. Journal of Cardiovascular Magnetic Resonance, 2015, 17, P67.	1.6	3
92	Non - invasive right ventricular efficiency using 4D flow MRI. Journal of Cardiovascular Magnetic Resonance, 2015, 17, Q58.	1.6	0
93	Kinetic energy efficiency of single ventricle and TCPC using 4D flow MRI. Journal of Cardiovascular Magnetic Resonance, 2015, 17, Q97.	1.6	0
94	Single breath hold 3D cardiac cine MRI using kat-ARC: preliminary results at 1.5T. International Journal of Cardiovascular Imaging, 2015, 31, 851-857.	0.7	20
95	Hemodynamic study of TCPC using in vivo and in vitro 4D Flow MRI and numerical simulation. Journal of Biomechanics, 2015, 48, 1325-1330.	0.9	35
96	Accuracy of Doppler echocardiographic estimates of pulmonary artery pressures inÂa canine model of pulmonary hypertension. Journal of Veterinary Cardiology, 2015, 17, 13-24.	0.3	45
97	Current State of the Art Cardiovascular MR Imaging Techniques for Assessment of Ischemic Heart Disease. Radiologic Clinics of North America, 2015, 53, 335-344.	0.9	9
98	Hyperpolarized Helium-3 MRI of exercise-induced bronchoconstriction during challenge and therapy. Journal of Magnetic Resonance Imaging, 2014, 39, 1230-1237.	1.9	48
99	Effect of temporal resolution on 4D flow MRI in the portal circulation. Journal of Magnetic Resonance Imaging, 2014, 39, 819-826.	1.9	28
100	Effect of temporal resolution on 4D flow MRI in the portal circulation. Journal of Magnetic Resonance Imaging, 2014, 39, spcone-spcone.	1.9	2
101	Wholeâ€heart chemical shift encoded waterâ€“fat MRI. Magnetic Resonance in Medicine, 2014, 72, 718-725.	1.9	6
102	ACR Appropriateness CriteriaÂ® Nontraumatic Aortic Disease. Journal of Thoracic Imaging, 2014, 29, W85-W88.	0.8	5
103	Quantitative Magnetic Resonance Imaging of Pulmonary Hypertension. Journal of Thoracic Imaging, 2014, 29, 68-79.	0.8	68
104	Magnetic Resonance Angiography. , 2014, , 55-76.		0
105	Non-invasive assessment of cardiac function and pulmonary vascular resistance in an canine model of acute thromboembolic pulmonary hypertension using 4D flow cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 23.	1.6	28
106	Non-Contrast Enhanced 3D SSFP MRA of the Renal Allograft Vasculature: A Comparison Between Radial Linear Combination and Cartesian Inflow-Weighted Acquisitions. Magnetic Resonance Imaging, 2014, 32, 190-195.	1.0	9
107	Pulmonary artery relative area change is inversely related to ex vivo measured arterial elastic modulus in the canine model of acute pulmonary embolization. Journal of Biomechanics, 2014, 47, 2904-2910.	0.9	26
108	Pulmonary MRA: Differentiation of pulmonary embolism from truncation artefact. European Radiology, 2014, 24, 1942-1949.	2.3	16

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109	INVITED REVIEWâ€"COMPUTED TOMOGRAPHIC ANGIOGRAPHY (CTA) OF THE THORACIC CARDIOVASCULAR SYSTEM IN COMPANION ANIMALS. Veterinary Radiology and Ultrasound, 2014, 55, 229-240.	0.4	17
110	Advanced multimodality imaging of an anomalous vessel between the ascending aorta and main pulmonary artery in a dog. Journal of Veterinary Cardiology, 2014, 16, 59-65.	0.3	17
111	Noninvasive Imaging Workup of Patients with Vascular Disease. Surgical Clinics of North America, 2013, 93, 741-760.	0.5	2
112	Impact of Acute Pulmonary Embolization on Arterial Stiffening and Right Ventricular Function in Dogs. Annals of Biomedical Engineering, 2013, 41, 195-204.	1.3	29
113	ACR Appropriateness CriteriaÂ® pulsatile abdominal mass, suspected abdominal aortic aneurysm. International Journal of Cardiovascular Imaging, 2013, 29, 177-183.	0.7	16
114	ACR Appropriateness Criteria Imaging for Transcatheter Aortic Valve Replacement. Journal of the American College of Radiology, 2013, 10, 957-965.	0.9	17
115	Four-dimensional, flow-sensitive magnetic resonance imaging of blood flow patterns in thoracic aortic dissections. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 1359-1366.	0.4	70
116	ACR appropriateness criteriaÂ® imaging of mesenteric ischemia. Abdominal Imaging, 2013, 38, 714-719.	2.0	162
117	Exercise-induced Bronchoconstriction: Reproducibility of Hyperpolarized³He MR Imaging. Radiology, 2013, 266, 618-625.	3.6	34
118	Quantification of Thoracic Blood Flow Using Volumetric Magnetic Resonance Imaging With Radial Velocity Encoding. Investigative Radiology, 2013, 48, 819-825.	3.5	44
119	Magnetic Resonance and Computed Tomography Imaging of the Structural and Functional Changes of Pulmonary Arterial Hypertension. Journal of Thoracic Imaging, 2013, 28, 178-195.	0.8	24
120	Pulmonary perfusion MRI using interleaved variable density sampling and HighlY constrained cartesian reconstruction (HYCR). Journal of Magnetic Resonance Imaging, 2013, 38, 751-756.	1.9	11
121	Volumetric late gadoliniumâ€enhanced myocardial imaging with retrospective inversion time selection. Journal of Magnetic Resonance Imaging, 2013, 38, 1276-1282.	1.9	12
122	Aortic pulse wave velocity measurements with undersampled 4D flowâ€sensitive MRI: comparison with 2D and algorithm determination. Journal of Magnetic Resonance Imaging, 2013, 37, 853-859.	1.9	56
123	MRI for acute chest pain: Current state of the Art. Journal of Magnetic Resonance Imaging, 2013, 37, 1290-1300.	1.9	16
124	Effectiveness of MR angiography for the primary diagnosis of acute pulmonary embolism: Clinical outcomes at 3 months and 1 year. Journal of Magnetic Resonance Imaging, 2013, 38, 914-925.	1.9	61
125	Dynamic and Static Magnetic Resonance Angiography of the Supra-aortic Vessels at 3.0 T. Investigative Radiology, 2013, 48, 121-128.	3.5	32
126	Advances in CT and MR Technology. Perspectives in Vascular Surgery and Endovascular Therapy, 2012, 24, 128-136.	0.6	3

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127	4D cardiovascular magnetic resonance velocity mapping of alterations of right heart flow patterns and main pulmonary artery hemodynamics in tetralogy of Fallot. Journal of Cardiovascular Magnetic Resonance, 2012, 14, 16.	1.6	129
128	Imaging of Pulmonary Hypertension. , 2012, , 139-160.		0
129	Four-dimensional phase contrast MRI With accelerated dual velocity encoding. Journal of Magnetic Resonance Imaging, 2012, 35, spcone-spcone.	1.9	2
130	Fourâ€dimensional phase contrast MRI with accelerated dual velocity encoding. Journal of Magnetic Resonance Imaging, 2012, 35, 1462-1471.	1.9	81
131	ACR Appropriateness CriteriaÂ® blunt chest traumaâ€"suspected aortic injury. Emergency Radiology, 2012, 19, 287-292.	1.0	19
132	Right Ventricular Response to Pulmonary Arterial Stiffening in a Canine Model of Acute Embolization. , 2012, , .		0
133	Four-dimensional phase contrast magnetic resonance angiography: Potential clinical applications. European Journal of Radiology, 2011, 80, 24-35.	1.2	72
134	Magnetic resonance angiography: current status and future directions. Journal of Cardiovascular Magnetic Resonance, 2011, 13, 19.	1.6	155
135	In vivo threeâ€dimensional MR wall shear stress estimation in ascending aortic dilatation. Journal of Magnetic Resonance Imaging, 2011, 33, 589-597.	1.9	97
136	Interleaved variable density sampling with a constrained parallel imaging reconstruction for dynamic contrastâ€enhanced MR angiography. Magnetic Resonance in Medicine, 2011, 66, 428-436.	1.9	19
137	Noninvasive Assessment of Transstenotic Pressure Gradients in Porcine Renal Artery Stenoses by Using Vastly Undersampled Phase-Contrast MR Angiography. Radiology, 2011, 261, 266-273.	3.6	56
138	Renal Arteries: Isotropic, High-Spatial-Resolution, Unenhanced MR Angiography with Three-dimensional Radial Phase Contrast. Radiology, 2011, 258, 254-260.	3.6	51
139	Fat and water magnetic resonance imaging. Journal of Magnetic Resonance Imaging, 2010, 31, 4-18.	1.9	291
140	Cardiac MRI evaluation of nonischemic cardiomyopathies. Journal of Magnetic Resonance Imaging, 2010, 31, 518-530.	1.9	14
141	Whole chest MRA and velocimetry for congenital heart disease in less than 10 minutes with 3D radial phase contrast. Journal of Cardiovascular Magnetic Resonance, 2010, 12, .	1.6	0
142	Scimitar Syndrome. Circulation, 2010, 121, e434-6.	1.6	27
143	Presurgical Localization of the Artery of Adamkiewicz with Time-resolved 3.0-T MR Angiography. Radiology, 2010, 255, 873-881.	3.6	62
144	Endovascular Abdominal Aortic Aneurysm Repair: Nonenhanced Volumetric CT for Follow-up. Radiology, 2009, 253, 253-262.	3.6	63

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145	Pulmonary Vein Imaging with Unenhanced Three-dimensional Balanced Steady-State Free Precession MR Angiography: Initial Clinical Evaluation. Radiology, 2009, 250, 932-939.	3.6	39
146	Increased volume of coverage for abdominal contrastâ€enhanced MR angiography with twoâ€dimensional autocalibrating parallel imaging: Initial experience at 3.0 Tesla. Journal of Magnetic Resonance Imaging, 2009, 30, 1093-1100.	1.9	30
147	Threeâ€dimensional imaging of ventilation dynamics in asthmatics using multiecho projection acquisition with constrained reconstruction. Magnetic Resonance in Medicine, 2009, 62, 1543-1556.	1.9	34
148	Dynamic Four-Dimensional MR Angiography of the Chest and Abdomen. Magnetic Resonance Imaging Clinics of North America, 2009, 17, 77-90.	0.6	13
149	Cardiac Image Modeling Tool for Quantitative Analysis of Global and Regional Cardiac Wall Motion. Investigative Radiology, 2009, 44, 271-278.	3.5	10
150	Cardiac magnetic resonance imaging findings in a patient with noncompaction of ventricular myocardium. Clinical Imaging, 2008, 32, 223-226.	0.8	3
151	Cardiac MRI of ischemic heart disease at 3T: Potential and challenges. European Journal of Radiology, 2008, 65, 15-28.	1.2	83
152	Diagnosis and characterization of pulmonary sequestration using dynamic time-resolved magnetic resonance angiography. Clinical Radiology, 2008, 63, 913-917.	0.5	7
153	Unenhanced MR Angiography of the Thoracic Aorta: Initial Clinical Evaluation. American Journal of Roentgenology, 2008, 190, 902-906.	1.0	93
154	Comparison of 3D Free-Breathing Coronary MR Angiography and 64-MDCT Angiography for Detection of Coronary Stenosis in Patients with High Calcium Scores. American Journal of Roentgenology, 2007, 189, 1326-1332.	1.0	86
155	MRI of the Thoracic Aorta. Cardiology Clinics, 2007, 25, 171-184.	0.9	16
156	MRI of the Thoracic Aorta. Magnetic Resonance Imaging Clinics of North America, 2007, 15, 639-651.	0.6	7
157	Coronary Magnetic Resonance Angiography Using Magnetization-Prepared Contrast-Enhanced Breath-Hold Volume-Targeted Imaging (MPCE-VCATS). Investigative Radiology, 2006, 41, 639-644.	3.5	8
158	Accuracy of Stepping-Table Lower Extremity MR Angiography with Dual-Level Bolus Timing and Separate Calf Acquisition: Hybrid Peripheral MR Angiography. Radiology, 2006, 240, 283-290.	3.6	50
159	Controlled myocardial infarction induced by intracoronary injection of n-butyl cyanoacrylatein dogs: A feasibility study. Catheterization and Cardiovascular Interventions, 2005, 66, 244-253.	0.7	8
160	Pancreaticothoracic fistulas: imaging findings in five patients. Abdominal Imaging, 2005, 30, 761-767.	2.0	13
161	Mammography and Sonography of Pathologically Proven Adrenal Cortical Carcinoma Metastatic to the Breast. American Journal of Roentgenology, 2005, 184, 1279-1281.	1.0	3
162	Left Ventricular Mass: Manual and Automatic Segmentation of True FISP and FLASH Cine MR Images in Dogs and Pigs. Radiology, 2004, 230, 389-395.	3.6	77

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163	Accurate Quantification of Right Ventricular Mass at MR Imaging by Using Cine True Fast Imaging with Steady-State Precession: Study in Dogs. Radiology, 2004, 230, 383-388.	3.6	53
164	Heart Failure: Evaluation of Cardiopulmonary Transit Times with Time-resolved MR Angiography. Radiology, 2003, 229, 743-748.	3.6	77
165	Analysis of Cardiopulmonary Transit Times at Contrast Materialâ€“enhanced MR Imaging in Patients with Heart Disease. Radiology, 2003, 227, 447-452.	3.6	49
166	Cardiac MR imaging. , 0, , 34-46.		0
167	CE-MRA in the primary diagnosis of pulmonary embolism: Building a team to start a clinically relevant program. , 0, , 31-36.		1