

# Ron M Peshock

## List of Publications by Citations

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90  
papers

9,278  
citations

55  
h-index

91  
g-index

91  
ext. papers

10,100  
ext. citations

9.9  
avg, IF

5.25  
L-index

#	Paper	IF	Citations
90	Relationships of generalized and regional adiposity to insulin sensitivity in men. <i>Journal of Clinical Investigation</i> , <b>1995</b> , 96, 88-98	15.9	534
89	Cardiac failure in transgenic mice with myocardial expression of tumor necrosis factor-alpha. <i>Circulation</i> , <b>1998</b> , 97, 1375-81	16.7	524
88	The Dallas Heart Study: a population-based probability sample for the multidisciplinary study of ethnic differences in cardiovascular health. <i>American Journal of Cardiology</i> , <b>2004</b> , 93, 1473-80	3	419
87	Human alpha B-crystallin mutation causes oxido-reductive stress and protein aggregation cardiomyopathy in mice. <i>Cell</i> , <b>2007</b> , 130, 427-39	56.2	331
86	Denervated human skeletal muscle: MR imaging evaluation. <i>Radiology</i> , <b>1993</b> , 187, 213-8	20.5	307
85	Left ventricular hypertrophy is more prevalent in blacks than whites in the general population: the Dallas Heart Study. <i>Hypertension</i> , <b>2005</b> , 46, 124-9	8.5	244
84	Acute effects of exercise on MR imaging of skeletal muscle in normal volunteers. <i>American Journal of Roentgenology</i> , <b>1988</b> , 151, 231-7	5.4	240
83	Influence of body fat content and distribution on variation in metabolic risk. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2006</b> , 91, 4459-66	5.6	226
82	Estimation of human myocardial mass with MR imaging. <i>Radiology</i> , <b>1988</b> , 169, 495-8	20.5	217
81	Association between chronic kidney disease and coronary artery calcification: the Dallas Heart Study. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2005</b> , 16, 507-13	12.7	213
80	Osteomyelitis: characteristics and pitfalls of diagnosis with MR imaging. <i>Radiology</i> , <b>1991</b> , 180, 533-9	20.5	210
79	Administration of an intravenous perfluorocarbon contrast agent improves echocardiographic determination of left ventricular volumes and ejection fraction: comparison with cine magnetic resonance imaging. <i>Journal of the American College of Cardiology</i> , <b>1998</b> , 32, 1426-32	15.1	189
78	Sports-related muscle injuries: evaluation with MR imaging. <i>Radiology</i> , <b>1989</b> , 172, 793-8	20.5	180
77	Cardiac remodeling in response to 1 year of intensive endurance training. <i>Circulation</i> , <b>2014</b> , 130, 2152-61	16.7	168
76	Relationship between C-reactive protein and subclinical atherosclerosis: the Dallas Heart Study. <i>Circulation</i> , <b>2006</b> , 113, 38-43	16.7	165
75	Magnetic resonance imaging assessment of the severity of mitral regurgitation. Comparison with invasive techniques. <i>Circulation</i> , <b>1995</b> , 92, 1151-8	16.7	161
74	African Americans and Caucasians have a similar prevalence of coronary calcium in the Dallas Heart Study. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 44, 1011-7	15.1	158

73	Prediction of total subcutaneous abdominal, intraperitoneal, and retroperitoneal adipose tissue masses in men by a single axial magnetic resonance imaging slice. <i>American Journal of Clinical Nutrition</i> , <b>1997</b> , 65, 403-8	7	151
72	Sex steroid hormones, upper body obesity, and insulin resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 4522-7	5.6	151
71	Left atrial structure and function and clinical outcomes in the general population. <i>European Heart Journal</i> , <b>2013</b> , 34, 278-85	9.5	147
70	Left ventricular volumes measured by MR imaging. <i>Radiology</i> , <b>1985</b> , 156, 717-9	20.5	146
69	Women have higher left ventricular ejection fractions than men independent of differences in left ventricular volume: the Dallas Heart Study. <i>Circulation</i> , <b>2006</b> , 113, 1597-604	16.7	144
68	A 4-tiered classification of left ventricular hypertrophy based on left ventricular geometry: the Dallas heart study. <i>Circulation: Cardiovascular Imaging</i> , <b>2010</b> , 3, 164-71	3.9	140
67	Assessment of left-to-right intracardiac shunting by velocity-encoded, phase-difference magnetic resonance imaging. A comparison with oximetric and indicator dilution techniques. <i>Circulation</i> , <b>1995</b> , 91, 2955-60	16.7	136
66	Magnetic resonance imaging and invasive evaluation of development of heart failure in transgenic mice with myocardial expression of tumor necrosis factor-alpha. <i>Circulation</i> , <b>1999</b> , 99, 448-54	16.7	131
65	Fast short-tau inversion-recovery MR imaging. <i>Radiology</i> , <b>1991</b> , 179, 499-504	20.5	128
64	Adipose Tissue Distribution Pattern in Patients with Familial Partial Lipodystrophy (Dunnigan Variety). <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1999</b> , 84, 170-174	5.6	127
63	Assessment of coronary arterial flow and flow reserve in humans with magnetic resonance imaging. <i>Circulation</i> , <b>1996</b> , 93, 1502-8	16.7	122
62	Quantitation of cardiac output with velocity-encoded, phase-difference magnetic resonance imaging. <i>American Journal of Cardiology</i> , <b>1995</b> , 75, 1250-5	3	121
61	Cardiac atrophy in women following bed rest. <i>Journal of Applied Physiology</i> , <b>2007</b> , 103, 8-16	3.7	118
60	In vivo measurement of myocardial mass using nuclear magnetic resonance imaging. <i>Journal of the American College of Cardiology</i> , <b>1986</b> , 8, 113-7	15.1	113
59	Deep venous thrombosis of extremities: role of MR imaging in the diagnosis. <i>Radiology</i> , <b>1990</b> , 174, 425-31	10.5	105
58	Gadolinium-DTPA-enhanced nuclear magnetic resonance imaging of reperfused myocardium: identification of the myocardial bed at risk. <i>Journal of the American College of Cardiology</i> , <b>1988</b> , 12, 1064-72	15.1	104
57	Corin I555(P568) allele is associated with enhanced cardiac hypertrophic response to increased systemic afterload. <i>Hypertension</i> , <b>2007</b> , 49, 857-64	8.5	101
56	MR imaging-guided muscle biopsy for correlation of increased signal intensity with ultrastructural change and delayed-onset muscle soreness after exercise. <i>Radiology</i> , <b>1992</b> , 184, 865-9	20.5	99

55	Association of cystatin C with left ventricular structure and function: the Dallas Heart Study. <i>Circulation: Heart Failure</i> , <b>2009</b> , 2, 98-104	7.6	88
54	Associations between soluble CD40 ligand, atherosclerosis risk factors, and subclinical atherosclerosis: results from the Dallas Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2005</b> , 25, 2192-6	9.4	84
53	Left ventricular mass as determined by magnetic resonance imaging in male endurance athletes. <i>American Journal of Cardiology</i> , <b>1988</b> , 62, 301-5	3	84
52	Improved in vivo magnetic resonance imaging of acute myocardial infarction after intravenous paramagnetic contrast agent administration. <i>American Journal of Cardiology</i> , <b>1986</b> , 57, 864-8	3	79
51	Comparison of quantitative Doppler with magnetic resonance imaging for assessment of the severity of mitral regurgitation. <i>American Journal of Cardiology</i> , <b>1998</b> , 81, 792-5	3	74
50	Deep venous contribution to hydrostatic blood volume change in the human leg. <i>American Journal of Cardiology</i> , <b>1988</b> , 62, 449-53	3	70
49	Measurement of absolute epicardial coronary artery flow and flow reserve with breath-hold cine phase-contrast magnetic resonance imaging. <i>Circulation</i> , <b>1995</b> , 91, 2627-34	16.7	70
48	Magnetic resonance imaging of acute myocardial infarction: gadolinium diethylenetriamine pentaacetic acid as a marker of reperfusion. <i>Circulation</i> , <b>1986</b> , 74, 1434-40	16.7	69
47	Detection and localization of recent myocardial infarction by magnetic resonance imaging. <i>American Journal of Cardiology</i> , <b>1986</b> , 58, 214-9	3	67
46	Females have a blunted cardiovascular response to one year of intensive supervised endurance training. <i>Journal of Applied Physiology</i> , <b>2015</b> , 119, 37-46	3.7	65
45	Venous thrombosis: clinical and experimental MR imaging. <i>Radiology</i> , <b>1986</b> , 161, 233-8	20.5	65
44	Activation and functional significance of the renin-angiotensin system in mice with cardiac restricted overexpression of tumor necrosis factor. <i>Circulation</i> , <b>2003</b> , 108, 598-604	16.7	64
43	Visualization and functional assessment of proximal and middle left anterior descending coronary stenoses in humans with magnetic resonance imaging. <i>Circulation</i> , <b>1999</b> , 99, 3248-54	16.7	64
42	Left ventricular hypertrophy, subclinical atherosclerosis, and inflammation. <i>Hypertension</i> , <b>2007</b> , 49, 1385-91	16.7	63
41	Effect of perfusion on exercised muscle: MR imaging evaluation. <i>Journal of Magnetic Resonance Imaging</i> , <b>1992</b> , 2, 407-13	5.6	61
40	Pulmonary embolism: comparison of MR images with radionuclide and angiographic studies. <i>Radiology</i> , <b>1994</b> , 190, 499-508	20.5	59
39	Dobutamine magnetic resonance imaging with myocardial tagging quantitatively predicts improvement in regional function after revascularization. <i>American Journal of Cardiology</i> , <b>1998</b> , 82, 1149-51, A10	3	58
38	Changes in right ventricular structure and function assessed using cardiac magnetic resonance imaging in bosentan-treated patients with pulmonary arterial hypertension. <i>American Journal of Cardiology</i> , <b>2008</b> , 101, 1669-72	3	58

37	Cerebral blood flow and cranial magnetic resonance imaging in eclampsia and severe preeclampsia. <i>Obstetrics and Gynecology</i> , <b>1997</b> , 89, 561-8	4.9	56
36	The skeleton in congenital, generalized lipodystrophy: evaluation using whole-body radiographic surveys, magnetic resonance imaging and technetium-99m bone scintigraphy. <i>Skeletal Radiology</i> , <b>1992</b> , 21, 381-6	2.7	56
35	Assessment of coronary arterial restenosis with phase-contrast magnetic resonance imaging measurements of coronary flow reserve. <i>Circulation</i> , <b>2000</b> , 101, 2375-81	16.7	54
34	Assessment of myocardial systolic wall thickening using nuclear magnetic resonance imaging. <i>Journal of the American College of Cardiology</i> , <b>1989</b> , 14, 653-9	15.1	54
33	Diastolic suction is impaired by bed rest: MRI tagging studies of diastolic untwisting. <i>Journal of Applied Physiology</i> , <b>2008</b> , 104, 1037-44	3.7	53
32	Left ventricular dimensions and mass using magnetic resonance imaging in female endurance athletes. <i>American Journal of Cardiology</i> , <b>1992</b> , 69, 1067-74	3	53
31	A model-based four-dimensional left ventricular surface detector. <i>IEEE Transactions on Medical Imaging</i> , <b>1991</b> , 10, 321-9	11.7	52
30	Spatial and temporal registration of cardiac SPECT and MR images: methods and evaluation. <i>Radiology</i> , <b>1991</b> , 179, 857-61	20.5	51
29	Effect of leukocyte telomere length on total and regional brain volumes in a large population-based cohort. <i>JAMA Neurology</i> , <b>2014</b> , 71, 1247-54	17.2	50
28	Lipoprotein(a) and apolipoprotein(a) isoforms: no association with coronary artery calcification in the Dallas Heart Study. <i>Circulation</i> , <b>2005</b> , 111, 1471-9	16.7	49
27	Noninvasive determination of infarct artery patency by cine magnetic resonance angiography. <i>Circulation</i> , <b>1995</b> , 91, 1347-53	16.7	48
26	Association of depressive symptoms with hippocampal volume in 1936 adults. <i>Neuropsychopharmacology</i> , <b>2014</b> , 39, 770-9	8.7	45
25	1989 ARRS Executive Council Award. Exercise-enhanced MR imaging of variations in forearm muscle anatomy and use: importance in MR spectroscopy. <i>American Journal of Roentgenology</i> , <b>1989</b> , 153, 693-8	5.4	45
24	White matter hyperintensities: use of aortic arch pulse wave velocity to predict volume independent of other cardiovascular risk factors. <i>Radiology</i> , <b>2013</b> , 267, 709-17	20.5	41
23	Volume catheter parallel conductance varies between end-systole and end-diastole. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2007</b> , 54, 1480-9	5	41
22	Effect of contrast enhancement on transthoracic echocardiographic assessment of left ventricular regional wall motion. <i>American Journal of Cardiology</i> , <b>1999</b> , 84, 1365-8, A8-9	3	41
21	Nuclear magnetic resonance imaging in Marfan's syndrome. <i>Journal of the American College of Cardiology</i> , <b>1987</b> , 9, 70-4	15.1	39
20	In vivo 3-D reconstruction and geometric characterization of the right ventricular free wall. <i>Annals of Biomedical Engineering</i> , <b>1993</b> , 21, 263-75	4.7	37

19	Association of a 4-Tiered Classification of LV Hypertrophy With Adverse CV Outcomes in the General Population. <i>JACC: Cardiovascular Imaging</i> , <b>2015</b> , 8, 1034-1041	8.4	36
18	Long-term outcomes with ambrisentan monotherapy in pulmonary arterial hypertension. <i>Journal of Cardiac Failure</i> , <b>2010</b> , 16, 121-7	3.3	36
17	Left ventricular hypertrophy, aortic wall thickness, and lifetime predicted risk of cardiovascular disease: the Dallas Heart Study. <i>JACC: Cardiovascular Imaging</i> , <b>2010</b> , 3, 605-13	8.4	35
16	Oxygen tension mapping with F-19 echo-planar MR imaging of sequestered perfluorocarbon. <i>Journal of Magnetic Resonance Imaging</i> , <b>1994</b> , 4, 595-602	5.6	35
15	A general treatment of NMR imaging with chemical shifts and motion. <i>Magnetic Resonance in Medicine</i> , <b>1987</b> , 5, 32-46	4.4	35
14	Early detection of left ventricular dysfunction in chronic aortic regurgitation as assessed by contrast angiography, echocardiography, and rest and exercise scintigraphy. <i>American Journal of Cardiology</i> , <b>1983</b> , 51, 1542-50	3	35
13	MR imaging of hippocampal asymmetry at 3T in a multiethnic, population-based sample: results from the Dallas Heart Study. <i>American Journal of Neuroradiology</i> , <b>2013</b> , 34, 752-7	4.4	32
12	Sex, race, and age distributions of mean aortic wall thickness in a multiethnic population-based sample. <i>Journal of Vascular Surgery</i> , <b>2011</b> , 53, 950-7	3.5	31
11	Contrast-enhanced magnetic resonance imaging of hypoperfused myocardium. <i>Investigative Radiology</i> , <b>1991</b> , 26, 551-6	10.1	29
10	Is coronary computed tomography angiography a resource sparing strategy in the risk stratification and evaluation of acute chest pain? Results of a randomized controlled trial. <i>Academic Emergency Medicine</i> , <b>2011</b> , 18, 458-67	3.4	23
9	A method for fully automated quantitative analysis of arterial flow using flow-sensitized MR images. <i>Computerized Medical Imaging and Graphics</i> , <b>1996</b> , 20, 365-78	7.6	21
8	Nuclear magnetic resonance study of high-energy phosphate stores in models of adriamycin cardiotoxicity. <i>Magnetic Resonance in Medicine</i> , <b>1986</b> , 3, 834-43	4.4	17
7	Noninvasive cardiac imaging in pulmonary hypertension. <i>Cardiology in Review</i> , <b>2007</b> , 15, 97-101	3.2	13
6	Cognitive impact of lacunar infarcts and white matter hyperintensity volume. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , <b>2015</b> , 5, 170-5	2.5	12
5	Detrimental effect of systemic vascular risk factors on brain hemodynamic function assessed with MRI. <i>Neuroradiology Journal</i> , <b>2018</b> , 31, 253-261	2	5
4	Deep Learning-Based COVID-19 Pneumonia Classification Using Chest CT Images: Model Generalizability. <i>Frontiers in Artificial Intelligence</i> , <b>2021</b> , 4, 694875	3	5
3	Utilization of Structured Reporting to Monitor Outcomes of Doppler Ultrasound Performed for Deep Vein Thrombosis. <i>Journal of Digital Imaging</i> , <b>2019</b> , 32, 401-407	5.3	1
2	What Should Radiology Residency and Fellowship Training in Artificial Intelligence Include? A Trainee's Perspective- In Training. <i>Radiology</i> , <b>2021</b> , 299, E243-E245	20.5	0

- 1 Clearing the Path to Optimal Care in Patients with Non-MRI-conditional Cardiac Devices. *Radiology: Cardiothoracic Imaging*, **2020**, 2, e200560 8.3