

# Ron M Peshock

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8720872/publications.pdf>

Version: 2024-02-01

91  
papers

10,887  
citations

20797

60  
h-index

46771

89  
g-index

91  
all docs

91  
docs citations

91  
times ranked

10394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationships of generalized and regional adiposity to insulin sensitivity in men.. Journal of Clinical Investigation, 1995, 96, 88-98.	3.9	639
2	Cardiac Failure in Transgenic Mice With Myocardial Expression of Tumor Necrosis Factor- $\alpha$ . Circulation, 1998, 97, 1375-1381.	1.6	580
3	The Dallas Heart Study: a population-based probability sample for the multidisciplinary study of ethnic differences in cardiovascular health. American Journal of Cardiology, 2004, 93, 1473-1480.	0.7	472
4	Human $\beta$ -Crystallin Mutation Causes Oxido-Reductive Stress and Protein Aggregation Cardiomyopathy in Mice. Cell, 2007, 130, 427-439.	13.5	386
5	Denervated human skeletal muscle: MR imaging evaluation.. Radiology, 1993, 187, 213-218.	3.6	347
6	Left Ventricular Hypertrophy Is More Prevalent in Blacks Than Whites in the General Population. Hypertension, 2005, 46, 124-129.	1.3	292
7	Acute effects of exercise on MR imaging of skeletal muscle in normal volunteers. American Journal of Roentgenology, 1988, 151, 231-237.	1.0	276
8	Influence of Body Fat Content and Distribution on Variation in Metabolic Risk. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4459-4466.	1.8	270
9	Osteomyelitis: characteristics and pitfalls of diagnosis with MR imaging.. Radiology, 1991, 180, 533-539.	3.6	258
10	Association between Chronic Kidney Disease and Coronary Artery Calcification: The Dallas Heart Study. Journal of the American Society of Nephrology: JASN, 2005, 16, 507-513.	3.0	245
11	Cardiac Remodeling in Response to 1 Year of Intensive Endurance Training. Circulation, 2014, 130, 2152-2161.	1.6	241
12	Estimation of human myocardial mass with MR imaging.. Radiology, 1988, 169, 495-498.	3.6	240
13	Administration of an intravenous perfluorocarbon contrast agent improves echocardiographic determination of left ventricular volumes and ejection fraction: comparison with cine magnetic resonance imaging. Journal of the American College of Cardiology, 1998, 32, 1426-1432.	1.2	212
14	Women Have Higher Left Ventricular Ejection Fractions Than Men Independent of Differences in Left Ventricular Volume. Circulation, 2006, 113, 1597-1604.	1.6	205
15	Sports-related muscle injuries: evaluation with MR imaging.. Radiology, 1989, 172, 793-798.	3.6	204
16	Magnetic Resonance Imaging Assessment of the Severity of Mitral Regurgitation. Circulation, 1995, 92, 1151-1158.	1.6	193
17	Left atrial structure and function and clinical outcomes in the general population. European Heart Journal, 2013, 34, 278-285.	1.0	188
18	Relationship Between C-Reactive Protein and Subclinical Atherosclerosis. Circulation, 2006, 113, 38-43.	1.6	184

#	ARTICLE	IF	CITATIONS
19	A 4-Tiered Classification of Left Ventricular Hypertrophy Based on Left Ventricular Geometry. <i>Circulation: Cardiovascular Imaging</i> , 2010, 3, 164-171.	1.3	174
20	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> , 2004, 44, 1011-1017.	1.2	171
21	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> , 1997, 65, 403-408.	2.2	168
22	Sex Steroid Hormones, Upper Body Obesity, and Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 4522-4527.	1.8	167
23	Left ventricular volumes measured by MR imaging.. <i>Radiology</i> , 1985, 156, 717-719.	3.6	165
24	Assessment of Left-to-Right Intracardiac Shunting by Velocity-Encoded, Phase-Difference Magnetic Resonance Imaging. <i>Circulation</i> , 1995, 91, 2955-2960.	1.6	164
25	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> , 1999, 99, 448-454.	1.6	148
26	Cardiac atrophy in women following bed rest. <i>Journal of Applied Physiology</i> , 2007, 103, 8-16.	1.2	148
27	Fast short-tau inversion-recovery MR imaging.. <i>Radiology</i> , 1991, 179, 499-504.	3.6	142
28	Adipose Tissue Distribution Pattern in Patients with Familial Partial Lipodystrophy (Dunnigan Variety). <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 170-174.	1.8	142
29	Assessment of Coronary Arterial Flow and Flow Reserve in Humans With Magnetic Resonance Imaging. <i>Circulation</i> , 1996, 93, 1502-1508.	1.6	140
30	Quantitation of cardiac output with velocity-encoded, phase-difference magnetic resonance imaging. <i>American Journal of Cardiology</i> , 1995, 75, 1250-1255.	0.7	135
31	In vivo measurement of myocardial mass using nuclear magnetic resonance imaging. <i>Journal of the American College of Cardiology</i> , 1986, 8, 113-117.	1.2	123
32	Deep venous thrombosis of extremities: role of MR imaging in the diagnosis.. <i>Radiology</i> , 1990, 174, 425-431.	3.6	123
33	Corin I555(P568) Allele Is Associated With Enhanced Cardiac Hypertrophic Response to Increased Systemic Afterload. <i>Hypertension</i> , 2007, 49, 857-864.	1.3	118
34	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> , 1988, 12, 1064-1072.	1.2	115
35	MR imaging-guided muscle biopsy for correlation of increased signal intensity with ultrastructural change and delayed-onset muscle soreness after exercise.. <i>Radiology</i> , 1992, 184, 865-869.	3.6	108
36	Association of Cystatin C With Left Ventricular Structure and Function. <i>Circulation: Heart Failure</i> , 2009, 2, 98-104.	1.6	105

#	ARTICLE	IF	CITATIONS
37	Improved in vivo magnetic resonance imaging of acute myocardial infarction after intravenous paramagnetic contrast agent administration. <i>American Journal of Cardiology</i> , 1986, 57, 864-868.	0.7	98
38	Females have a blunted cardiovascular response to one year of intensive supervised endurance training. <i>Journal of Applied Physiology</i> , 2015, 119, 37-46.	1.2	96
39	Left ventricular mass as determined by magnetic resonance imaging in male endurance athletes. <i>American Journal of Cardiology</i> , 1988, 62, 301-305.	0.7	92
40	Associations Between Soluble CD40 Ligand, Atherosclerosis Risk Factors, and Subclinical Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 2192-2196.	1.1	92
41	Measurement of Absolute Epicardial Coronary Artery Flow and Flow Reserve With Breath-Hold Cine Phase-Contrast Magnetic Resonance Imaging. <i>Circulation</i> , 1995, 91, 2627-2634.	1.6	84
42	Magnetic resonance imaging of acute myocardial infarction: gadolinium diethylenetriamine pentaacetic acid as a marker of reperfusion.. <i>Circulation</i> , 1986, 74, 1434-1440.	1.6	83
43	Comparison of Quantitative Doppler With Magnetic Resonance Imaging for Assessment of the Severity of Mitral Regurgitation. <i>American Journal of Cardiology</i> , 1998, 81, 792-795.	0.7	78
44	Cerebral blood flow and cranial magnetic resonance imaging in eclampsia and severe preeclampsia. <i>Obstetrics and Gynecology</i> , 1997, 89, 561-568.	1.2	77
45	Left Ventricular Hypertrophy, Subclinical Atherosclerosis, and Inflammation. <i>Hypertension</i> , 2007, 49, 1385-1391.	1.3	77
46	Deep venous contribution to hydrostatic blood volume change in the human leg. <i>American Journal of Cardiology</i> , 1988, 62, 449-453.	0.7	76
47	Visualization and Functional Assessment of Proximal and Middle Left Anterior Descending Coronary Stenoses in Humans With Magnetic Resonance Imaging. <i>Circulation</i> , 1999, 99, 3248-3254.	1.6	76
48	Effect of Leukocyte Telomere Length on Total and Regional Brain Volumes in a Large Population-Based Cohort. <i>JAMA Neurology</i> , 2014, 71, 1247.	4.5	74
49	Activation and Functional Significance of the Renin-Angiotensin System in Mice With Cardiac Restricted Overexpression of Tumor Necrosis Factor. <i>Circulation</i> , 2003, 108, 598-604.	1.6	73
50	Venous thrombosis: clinical and experimental MR imaging.. <i>Radiology</i> , 1986, 161, 233-238.	3.6	72
51	Detection and localization of recent myocardial infarction by magnetic resonance imaging. <i>American Journal of Cardiology</i> , 1986, 58, 214-219.	0.7	71
52	Dobutamine magnetic resonance imaging with myocardial tagging quantitatively predicts improvement in regional function after revascularization. <i>American Journal of Cardiology</i> , 1998, 82, 1149-1151.	0.7	69
53	A model-based four-dimensional left ventricular surface detector. <i>IEEE Transactions on Medical Imaging</i> , 1991, 10, 321-329.	5.4	68
54	Effect of perfusion on exercised muscle: MR imaging evaluation. <i>Journal of Magnetic Resonance Imaging</i> , 1992, 2, 407-413.	1.9	68

#	ARTICLE	IF	CITATIONS
55	The skeleton in congenital, generalized lipodystrophy: evaluation using whole-body radiographic surveys, magnetic resonance imaging and technetium-99m bone scintigraphy. <i>Skeletal Radiology</i> , 1992, 21, 381-6.	1.2	67
56	Pulmonary embolism: comparison of MR images with radionuclide and angiographic studies.. <i>Radiology</i> , 1994, 190, 499-508.	3.6	67
57	Assessment of Coronary Arterial Restenosis With Phase-Contrast Magnetic Resonance Imaging Measurements of Coronary Flow Reserve. <i>Circulation</i> , 2000, 101, 2375-2381.	1.6	65
58	Diastolic suction is impaired by bed rest: MRI tagging studies of diastolic untwisting. <i>Journal of Applied Physiology</i> , 2008, 104, 1037-1044.	1.2	65
59	Left ventricular dimensions and mass using magnetic resonance imaging in female endurance athletes. <i>American Journal of Cardiology</i> , 1992, 69, 1067-1074.	0.7	63
60	Assessment of myocardial systolic wall thickening using nuclear magnetic resonance imaging. <i>Journal of the American College of Cardiology</i> , 1989, 14, 653-659.	1.2	61
61	Spatial and temporal registration of cardiac SPECT and MR images: methods and evaluation.. <i>Radiology</i> , 1991, 179, 857-861.	3.6	61
62	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> , 2008, 101, 1669-1672.	0.7	61
63	Association of Depressive Symptoms with Hippocampal Volume in 1936 Adults. <i>Neuropsychopharmacology</i> , 2014, 39, 770-779.	2.8	59
64	Lipoprotein(a) and Apolipoprotein(a) Isoforms. <i>Circulation</i> , 2005, 111, 1471-1479.	1.6	58
65	Noninvasive Determination of Infarct Artery Patency By Cine Magnetic Resonance Angiography. <i>Circulation</i> , 1995, 91, 1347-1353.	1.6	56
66	White Matter Hyperintensities: Use of Aortic Arch Pulse Wave Velocity to Predict Volume Independent of Other Cardiovascular Risk Factors. <i>Radiology</i> , 2013, 267, 709-717.	3.6	53
67	Association of a 4-Tiered Classification of LV Hypertrophy With Adverse CV Outcomes in the General Population. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1034-1041.	2.3	53
68	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> , 1989, 153, 693-698.	1.0	51
69	Nuclear magnetic resonance imaging in Marfan's syndrome. <i>Journal of the American College of Cardiology</i> , 1987, 9, 70-74.	1.2	48
70	Sex, race, and age distributions of mean aortic wall thickness in a multiethnic population-based sample. <i>Journal of Vascular Surgery</i> , 2011, 53, 950-957.	0.6	48
71	In vivo 3-D reconstruction and geometric characterization of the right ventricular free wall. <i>Annals of Biomedical Engineering</i> , 1993, 21, 263-275.	1.3	47
72	Volume Catheter Parallel Conductance Varies Between End-Systole and End-Diastole. <i>IEEE Transactions on Biomedical Engineering</i> , 2007, 54, 1480-1489.	2.5	46

#	ARTICLE	IF	CITATIONS
73	Effect of contrast enhancement on transthoracic echocardiographic assessment of left ventricular regional wall motion. <i>American Journal of Cardiology</i> , 1999, 84, 1365-1368.	0.7	44
74	Left Ventricular Hypertrophy, Aortic Wall Thickness, and Lifetime Predicted Risk of Cardiovascular Disease. <i>JACC: Cardiovascular Imaging</i> , 2010, 3, 605-613.	2.3	43
75	Long-Term Outcomes With Ambrisentan Monotherapy in Pulmonary Arterial Hypertension. <i>Journal of Cardiac Failure</i> , 2010, 16, 121-127.	0.7	39
76	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> , 2013, 34, 752-757.	1.2	39
77	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> , 1983, 51, 1542-1550.	0.7	38
78	A general treatment of NMR imaging with chemical shifts and motion. <i>Magnetic Resonance in Medicine</i> , 1987, 5, 32-46.	1.9	38
79	Oxygen tension mapping with F-19 echo-planar MR imaging of sequestered perfluorocarbon. <i>Journal of Magnetic Resonance Imaging</i> , 1994, 4, 595-602.	1.9	36
80	Contrast-Enhanced Magnetic Resonance Imaging of Hypoperfused Myocardium. <i>Investigative Radiology</i> , 1991, 26, 551-556.	3.5	34
81	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> , 2011, 18, 458-467.	0.8	29
82	A method for fully automated quantitative analysis of arterial flow using flow-sensitized MR images. <i>Computerized Medical Imaging and Graphics</i> , 1996, 20, 365-378.	3.5	23
83	Nuclear magnetic resonance study of high-energy phosphate stores in models of adriamycin cardiotoxicity. <i>Magnetic Resonance in Medicine</i> , 1986, 3, 834-843.	1.9	19
84	Deep Learning-Based COVID-19 Pneumonia Classification Using Chest CT Images: Model Generalizability. <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 694875.	2.0	19
85	Noninvasive Cardiac Imaging in Pulmonary Hypertension. <i>Cardiology in Review</i> , 2007, 15, 97-101.	0.6	14
86	Cognitive Impact of Lacunar Infarcts and White Matter Hyperintensity Volume. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2015, 5, 170-175.	0.6	12
87	What Should Radiology Residency and Fellowship Training in Artificial Intelligence Include? A Trainee's Perspective. <i>Radiology In Training</i> . <i>Radiology</i> , 2021, 299, E243-E245.	3.6	10
88	Detrimental effect of systemic vascular risk factors on brain hemodynamic function assessed with MRI. <i>Neuroradiology Journal</i> , 2018, 31, 253-261.	0.6	7
89	Utilization of Structured Reporting to Monitor Outcomes of Doppler Ultrasound Performed for Deep Vein Thrombosis. <i>Journal of Digital Imaging</i> , 2019, 32, 401-407.	1.6	2
90	Clearing the Path to Optimal Care in Patients with Non-MRI-conditional Cardiac Devices. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e200560.	0.9	0

#	ARTICLE	IF	CITATIONS
91	MRI of the Aortic Wall to Assess Cardiovascular Risk and Prognosis. Radiology, 0, , .	3.6	0