HÃ¥kan AhlstrÃ¶m

List of Publications by Year
in descending order

187 papers	7,162 citations	66315 42 h-index	66879 78 g-index
188 all docs	188 docs citations	188 times ranked	11109 citing authors

#	Article	IF	Citations
1	MR-IMPACT: comparison of perfusion-cardiac magnetic resonance with single-photon emission computed tomography for the detection of coronary artery disease in a multicentre, multivendor, randomized trial. European Heart Journal, 2008, 29, 480-489.	1.0	602
2	Effects of n-6 PUFAs compared with SFAs on liver fat, lipoproteins, and inflammation in abdominal obesity: a randomized controlled trial. American Journal of Clinical Nutrition, 2012, 95, 1003-1012.	2.2	391
3	MR-IMPACT II: Magnetic Resonance Imaging for Myocardial Perfusion Assessment in Coronary artery disease Trial: perfusion-cardiac magnetic resonance vs. single-photon emission computed tomography for the detection of coronary artery disease: a comparative multicentre, multivendor trial. European Heart Journal, 2013, 34, 775-781.	1.0	354
4	The effects of intracranial volume adjustment approaches on multiple regional MRI volumes in healthy aging and Alzheimer's disease. Frontiers in Aging Neuroscience, 2014, 6, 264.	1.7	322
5	Overfeeding Polyunsaturated and Saturated Fat Causes Distinct Effects on Liver and Visceral Fat Accumulation in Humans. Diabetes, 2014, 63, 2356-2368.	0.3	306
6	Relationship between circulating FGF23 and total body atherosclerosis in the community. Nephrology Dialysis Transplantation, 2009, 24, 3125-3131.	0.4	196
7	Prevalence of Subclinical Coronary Artery Atherosclerosis in the General Population. Circulation, 2021, 144, 916-929.	1.6	164
8	Prevalence and pathophysiological mechanisms of elevated cardiac troponin I levels in a population-based sample of elderly subjects. European Heart Journal, 2008, 29, 2252-2258.	1.0	150
9	Preoperative 4-Week Low-Calorie Diet Reduces Liver Volume and Intrahepatic Fat, and Facilitates Laparoscopic Gastric Bypass in Morbidly Obese. Obesity Surgery, 2011, 21, 345-350.	1.1	148
10	Clinical and Experimental Pancreatic Islet Transplantation to Striated Muscle. Diabetes, 2010, 59, 2569-2578.	0.3	142
11	Transplantation of macroencapsulated human islets within the bioartificial pancreas Î²Air to patients with type 1 diabetes mellitus. American Journal of Transplantation, 2018, 18, 1735-1744.	2.6	140
12	Overeating Saturated Fat Promotes Fatty Liver and Ceramides Compared With Polyunsaturated Fat: A Randomized Trial. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 6207-6219.	1.8	124
13	Superior diagnostic performance of perfusion-cardiovascular magnetic resonance versus SPECT to detect coronary artery disease: The secondary endpoints of the multicenter multivendor MR-IMPACT II (Magnetic Resonance Imaging for Myocardial Perfusion Assessment in Coronary Artery Disease Trial). Journal of Cardiovascular Magnetic Resonance, 2012, 14, 63.	1.6	123
14	Impaired Insulin Sensitivity as Indexed by the HOMA Score Is Associated With Deficits in Verbal Fluency and Temporal Lobe Gray Matter Volume in the Elderly. Diabetes Care, 2012, 35, 488-494.	4.3	118
15	Hydrochlorothiazide, but not Candesartan, Aggravates Insulin Resistance and Causes Visceral and Hepatic Fat Accumulation. Hypertension, 2008, 52, 1030-1037.	1.3	115
16	Threeâ€point dixon method enables wholeâ€body water and fat imaging of obese subjects. Magnetic Resonance in Medicine, 2010, 63, 1659-1668.	1.9	114
17	Myocardial Scars More Frequent Than Expected. Journal of the American College of Cardiology, 2006, 48, 765-771.	1.2	107
18	Association between physical activity and brain health in older adults. Neurobiology of Aging, 2013, 34, 83-90.	1.5	107

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19	Lowering of tumor interstitial fluid pressure specifically augments efficacy of chemotherapy. FASEB Journal, 2003, 17, 1756-1758.	0.2	106
20	Whole-Body Diffusion-Weighted MRI Compared With ¹⁸F-NaF PET/CT for Detection of Bone Metastases in Patients With High-Risk Prostate Carcinoma. American Journal of Roentgenology, 2012, 199, 1114-1120.	1.0	105
21	[111In-DTPA-D-Phe1]Octreotide scintigraphy in patients with carcinoid tumours: the predictive value for somatostatin analogue treatment. European Journal of Endocrinology, 1994, 131, 577-581.	1.9	93
22	Intracranial volume estimated with commonly used methods could introduce bias in studies including brain volume measurements. NeuroImage, 2013, 83, 355-360.	2.1	90
23	Twoâ€point dixon method with flexible echo times. Magnetic Resonance in Medicine, 2011, 65, 994-1004.	1.9	84
24	Somatostatin Receptor Scintigraphy of Carcinoid Tumours Using the [¹¹¹In-Dtpa-D-Phe¹]-Octreotide. Acta OncolÃ³gica, 1993, 32, 783-786.	0.8	78
25	Thoracic and abdominal aortic dimension in 70-year-old men and women â€“ A population-based whole-body magnetic resonance imaging (MRI) study. Journal of Vascular Surgery, 2008, 47, 504-512.	0.6	70
26	Short- and Long-term Individual Variation in Cardiac Troponin in Patients with Stable Coronary Artery Disease. Clinical Chemistry, 2013, 59, 401-409.	1.5	66
27	C3 and C4 are strongly related to adipose tissue variables and cardiovascular risk factors. European Journal of Clinical Investigation, 2014, 44, 587-596.	1.7	65
28	Automated analysis of liver fat, muscle and adipose tissue distribution from CT suitable for large-scale studies. Scientific Reports, 2017, 7, 10425.	1.6	64
29	Bisphenol A is related to circulating levels of adiponectin, leptin and ghrelin, but not to fat mass or fat distribution in humans. Chemosphere, 2014, 112, 42-48.	4.2	62
30	Positron Emission Tomography Ligand [11C]5-Hydroxy-Tryptophan Can Be Used as a Surrogate Marker for the Human Endocrine Pancreas. Diabetes, 2014, 63, 3428-3437.	0.3	59
31	Plasmaâ€“Parathyroid Hormone Is Associated With Subclinical and Clinical Atherosclerotic Disease in 2 Community-Based Cohorts. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1567-1573.	1.1	57
32	Modelâ€based mapping of fat unsaturation and chain length by chemical shift imagingâ€”phantom validation and in vivo feasibility. Magnetic Resonance in Medicine, 2012, 68, 1815-1827.	1.9	55
33	Practical approach for estimation of subcutaneous and visceral adipose tissue. Clinical Physiology and Functional Imaging, 2007, 27, 148-153.	0.5	54
34	Computed tomography, magnetic resonance imaging and 11C-metomidate positron emission tomography for evaluation of adrenal incidentalomas. European Journal of Radiology, 2009, 69, 314-323.	1.2	53
35	U-CAN: a prospective longitudinal collection of biomaterials and clinical information from adult cancer patients in Sweden. Acta OncolÃ³gica, 2018, 57, 187-194.	0.8	52
36	Positron Emission Tomography (PET) in Neuroendocrine Gastrointestinal Tumors. Acta OncolÃ³gica, 1993, 32, 189-196.	0.8	51

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37	Visualisation and quantification of peri-operative myocardial infarction after coronary artery bypass surgery with contrast-enhanced magnetic resonance imaging. European Heart Journal, 2004, 25, 1293-1299.	1.0	51
38	Intracranial volume normalization methods: Considerations when investigating gender differences in regional brain volume. Psychiatry Research - Neuroimaging, 2015, 231, 227-235.	0.9	49
39	Bisphenol A exposure increases liver fat in juvenile fructose-fed Fischer 344 rats. Toxicology, 2013, 303, 125-132.	2.0	47
40	Magnetic Resonance Imaging Cooling-Reheating Protocol Indicates Decreased Fat Fraction via Lipid Consumption in Suspected Brown Adipose Tissue. PLoS ONE, 2015, 10, e0126705.	1.1	47
41	Effects of moderate red wine consumption on liver fat and blood lipids: a prospective randomized study. Annals of Medicine, 2011, 43, 545-554.	1.5	46
42	Changes in liver volume and body composition during 4 weeks of low calorie diet before laparoscopic gastric bypass. Surgery for Obesity and Related Diseases, 2015, 11, 602-606.	1.0	45
43	Pancreatic Fat Is Associated With Metabolic Syndrome and Visceral Fat but Not Beta-Cell Function or Body Mass Index in Pediatric Obesity. Pancreas, 2017, 46, 358-365.	0.5	43
44	Pharmacokinetics and Safety of Gadobutrol-Enhanced Magnetic Resonance Imaging in Pediatric Patients. Investigative Radiology, 2009, 44, 776-783.	3.5	42
45	Immunostimulatory AdCD40L gene therapy combined with low-dose cyclophosphamide in metastatic melanoma patients. British Journal of Cancer, 2016, 114, 872-880.	2.9	41
46	Altered Glucose Uptake in Muscle, Visceral Adipose Tissue, and Brain Predict Whole-Body Insulin Resistance and may Contribute to the Development of Type 2 Diabetes: A Combined PET/MR Study. Hormone and Metabolic Research, 2018, 50, 627-639.	0.7	41
47	[¹⁸F] FDG PET in Gastric Non-Hodgkin's Lymphoma. Acta OncolÃ³gica, 1997, 36, 577-584.	0.8	38
48	Fully convolutional networks for automated segmentation of abdominal adipose tissue depots in multicenter waterâ€“fat MRI. Magnetic Resonance in Medicine, 2019, 81, 2736-2745.	1.9	38
49	Fatty acid composition in serum cholesterol esters and phospholipids is linked to visceral and subcutaneous adipose tissue content in elderly individuals: a cross-sectional study. Lipids in Health and Disease, 2017, 16, 68.	1.2	37
50	Plasma Parathyroid Hormone Is Associated with Vascular Dementia and Cerebral Hyperintensities in Two Community-Based Cohorts. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 4181-4189.	1.8	35
51	Pulmonary magnetic resonance angiography. Journal of Magnetic Resonance Imaging, 1999, 10, 326-338.	1.9	34
52	Prevalence of Unrecognized Myocardial Infarction Detected With Magnetic Resonance Imaging and its Relationship to Cerebral Ischemic Lesions in Both Sexes. Journal of the American College of Cardiology, 2011, 58, 1372-1377.	1.2	33
53	Circulating levels of secretory- and lipoprotein-associated phospholipase A2 activities: relation to atherosclerotic plaques and future all-cause mortality. European Heart Journal, 2012, 33, 2946-2954.	1.0	33
54	Adoptive T-cell therapy for malignant melanoma patients with TILs obtained by ultrasound-guided needle biopsy. Cancer Immunology, Immunotherapy, 2012, 61, 725-732.	2.0	32

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55	MRI multiplanar reconstruction in the assessment of congenital talipes equinovarus. Pediatric Radiology, 1999, 29, 262-267.	1.1	30
56	Acute Cardiac Transplant Rejection: Detection and Grading with MR Imaging with a Blood Pool Contrast Agentâ€"Experimental Study in the Rat. Radiology, 2002, 225, 97-103.	3.6	30
57	Whole-body magnetic resonance angiography of patients using a standard clinical scanner. European Radiology, 2006, 16, 147-153.	2.3	30
58	Separation of water and fat signal in wholeâ€body gradient echo scans using convolutional neural networks. Magnetic Resonance in Medicine, 2019, 82, 1177-1186.	1.9	29
59	A concept for holistic whole body MRI data analysis, Imiomics. PLoS ONE, 2017, 12, e0169966.	1.1	29
60	Uptake of mangafodipir trisodium in liver metastases from endocrine tumors. Journal of Magnetic Resonance Imaging, 1998, 8, 682-686.	1.9	27
61	Clinically Unrecognized Myocardial Infarction Detected at MR Imaging May Not Be Associated with Atherosclerosis. Radiology, 2007, 245, 103-110.	3.6	27
62	Noninvasive monitoring of brain temperature during mild hypothermia. Magnetic Resonance Imaging, 2009, 27, 923-932.	1.0	27
63	Positron Emission Tomography to Assess the Outcome of Intraportal Islet Transplantation. Diabetes, 2016, 65, 2482-2489.	0.3	27
64	[11C]5-hydroxy-tryptophan PET for Assessment of Islet Mass During Progression of Type 2 Diabetes. Diabetes, 2017, 66, 1286-1292.	0.3	26
65	Minimal Safe Arterial Blood Flow During Selective Antegrade Cerebral Perfusion at 20Â° Centigrade. Annals of Thoracic Surgery, 2011, 91, 1198-1205.	0.7	24
66	Comparison of four non-alcoholic fatty liver disease detection scores in a Caucasian population. World Journal of Hepatology, 2020, 12, 149-159.	0.8	24
67	Second trimester fetal magnetic resonance imaging improves diagnosis of nonâ€central nervous system anomalies. Acta Obstetricia Et Gynecologica Scandinavica, 2011, 90, 380-389.	1.3	23
68	Whole-Body Imaging of Tissue-specific Insulin Sensitivity and Body Composition by Using an Integrated PET/MR System: A Feasibility Study. Radiology, 2018, 286, 271-278.	3.6	23
69	Validation of 18F-FDG PET/MRI and diffusion-weighted MRI for estimating the extent of peritoneal carcinomatosis in ovarian and endometrial cancer -a pilot study. Cancer Imaging, 2021, 21, 34.	1.2	23
70	76Br-labeled monoclonal anti-CEA antibodies for radioimmuno positron emission tomography. Nuclear Medicine and Biology, 1995, 22, 125-131.	0.3	22
71	Gadobenate Dimeglumine-Enhanced Magnetic Resonance Angiography of the Pelvic Arteries. Investigative Radiology, 2003, 38, 504-515.	3.5	22
72	Whole body MRI, including diffusion-weighted imaging in follow-up of patients with testicular cancer. Acta OncolÃ³gica, 2015, 54, 1763-1769.	0.8	22

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73	Quantitative myocardial blood flow imaging with integrated time-of-flight PET-MR. EJNMMI Physics, 2017, 4, 1.	1.3	22
74	The effect of ticagrelor on growth of small abdominal aortic aneurysmsâ€”a randomized controlled trial. Cardiovascular Research, 2020, 116, 450-456.	1.8	22
75	Serum Ferritin Correlates With Liver Fat in Male Adolescents With Obesity. Frontiers in Endocrinology, 2020, 11, 340.	1.5	22
76	Lower extremity artery stenosis distribution in an unselected elderly population and its relation to a reduced ankle-brachial index. Journal of Vascular Surgery, 2009, 50, 330-334.	0.6	21
77	Positron emission tomography (PET) with 11C-5-hydroxytryptophan (5-HTP) in patients with metastatic hormone-refractory prostatic adenocarcinoma. Nuclear Medicine and Biology, 1997, 24, 319-325.	0.3	20
78	Two-dimensional spectroscopic imaging for pretreatment evaluation of prostate cancer: comparison with the step-section histology after radical prostatectomy. Magnetic Resonance Imaging, 2009, 27, 87-93.	1.0	20
79	The interactive effect of demographic and clinical factors on hippocampal volume: A multicohort study on 1958 cognitively normal individuals. Hippocampus, 2017, 27, 653-667.	0.9	20
80	First-Pass Myocardial Perfusion MR Imaging with Outer-Volume Suppression and the Intravascular Contrast Agent NC100150 Injection: Preliminary Results in Eight Patients. Radiology, 2001, 221, 822-826.	3.6	19
81	Comparison of Ultrasmall Superparamagnetic Iron Oxide Particles and Low Molecular Weight Contrast Agents to Detect Rejecting Transplanted Hearts With Magnetic Resonance Imaging. Investigative Radiology, 2005, 40, 648-654.	3.5	19
82	Detailed Analysis of Variants in FTO in Association with Body Composition in a Cohort of 70-Year-Olds Suggests a Weakened Effect among Elderly. PLoS ONE, 2011, 6, e20158.	1.1	19
83	Total atherosclerotic burden by whole body magnetic resonance angiography predicts major adverse cardiovascular events. Atherosclerosis, 2013, 228, 148-152.	0.4	17
84	Multiple breathâ€hold proton spectroscopy of human liver at 3T: Relaxation times and concentrations of glycogen, choline, and lipids. Journal of Magnetic Resonance Imaging, 2018, 47, 410-417.	1.9	17
85	Hyperglucagonemia in youth is associated with high plasma free fatty acids, visceral adiposity, and impaired glucose tolerance. Pediatric Diabetes, 2019, 20, 880-891.	1.2	17
86	Estimating the cold-induced brown adipose tissue glucose uptake rate measured by 18F-FDG PET using infrared thermography and water-fat separated MRI. Scientific Reports, 2019, 9, 12358.	1.6	17
87	Voxel-wise Study of Cohort Associations in Whole-Body MRI: Application in Metabolic Syndrome and Its Components. Radiology, 2020, 294, 559-567.	3.6	17
88	Evaluation of nonperfused myocardial ischemia with MRI and an intravascular USPIO contrast agent in an ex vivo pig model. Journal of Magnetic Resonance Imaging, 2000, 12, 866-872.	1.9	16
89	Whole-body MRI including diffusion-weighted imaging compared to CT for staging of malignant melanoma. Upsala Journal of Medical Sciences, 2013, 118, 91-97.	0.4	16
90	In and Ex Vivo MR Evaluation of Acute Myocardial Ischemia in Pigs by Determining R1 in Steady State After the Administration of the Intravascular Contrast Agent NC100150 Injection. Investigative Radiology, 2004, 39, 479-486.	3.5	15

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91	High In-Plane Resolution T2-Weighted Magnetic Resonance Imaging of Acute Myocardial Ischemia in Pigs Using the Intravascular Contrast Agent NC100150 Injection. Investigative Radiology, 2004, 39, 470-478.	3.5	15
92	Atherosclerosis measured by whole body magnetic resonance angiography and carotid artery ultrasound is related to arterial compliance, but not to endotheliumâ€dependent vasodilation â€“ the Prospective Investigation of the Vasculature in Uppsala Seniors (PIVUS) study. Clinical Physiology and Functional Imaging, 2009, 29, 321-329.	0.5	15
93	Automated segmentation of human cervical-supraclavicular adipose tissue in magnetic resonance images. Scientific Reports, 2017, 7, 3064.	1.6	15
94	Short- and long-term individual variation in NT-proBNP levels in patients with stable coronary artery disease. Clinica Chimica Acta, 2013, 422, 15-20.	0.5	14
95	Unrecognized Myocardial Infarction Assessed by Cardiac Magnetic Resonance Imaging â€“ Prognostic Implications. PLoS ONE, 2016, 11, e0148803.	1.1	14
96	Laparoscopic extended pelvic lymph node (<scp>LN</scp>) dissection as validation of the performance of [¹¹C]â€acetate positron emission tomography/computer tomography in the detection of <scp>LN</scp> metastasis in intermediateâ€and highâ€risk prostate cancer. BJU International, 2016, 118, 77-83.	1.3	14
97	Pancreatic perfusion and subsequent response to glucose in healthy individuals and patients with type 1 diabetes. Diabetologia, 2016, 59, 1968-1972.	2.9	14
98	High DPP-4 Concentrations in Adolescents Are Associated With Low Intact GLP-1. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2958-2966.	1.8	14
99	Feasibility of Assessing Inflammation in Asymptomatic Abdominal Aortic Aneurysms With Integrated 18F-Fluorodeoxyglucose Positron Emission Tomography/Magnetic Resonance Imaging. European Journal of Vascular and Endovascular Surgery, 2020, 59, 464-471.	0.8	14
100	Fast graph-cut based optimization for practical dense deformable registration of volume images. Computerized Medical Imaging and Graphics, 2020, 84, 101745.	3.5	14
101	Vasodilation and visceral fat in elderly subjects. Atherosclerosis, 2007, 194, e64-e71.	0.4	13
102	Brown adipose tissue estimated with the magnetic resonance imaging fat fraction is associated with glucose metabolism in adolescents. Pediatric Obesity, 2019, 14, e12531.	1.4	13
103	Sedentary time has a stronger impact on metabolic health than moderate to vigorous physical activity in adolescents with obesity: a crossâ€sectional analysis of the Betaâ€JUDO study. Pediatric Obesity, 2022, , e12897.	1.4	13
104	Comparison of different magnetic resonance imaging sequences for assessment of fistula-in-ano. World Journal of Radiology, 2014, 6, 203.	0.5	12
105	Energy restriction in obese women suggest linear reduction of hepatic fat content and time-dependent metabolic improvements. Nutrition and Diabetes, 2019, 9, 34.	1.5	12
106	Three-Dimensional OctreoScan111 Spect of Abdominal Manifestation of Neuroendocrine Tumours. Acta OncolÃ³gica, 1993, 32, 171-176.	0.8	11
107	Quantification of lipids in human lower limbs using yellow bone marrow as the internal reference: gender-related effects. Magnetic Resonance Imaging, 2010, 28, 676-682.	1.0	11
108	MR spectroscopy of the human prostate using surface coil at 3 T: Metabolite ratios, ageâ€dependent effects, and diagnostic possibilities. Journal of Magnetic Resonance Imaging, 2011, 34, 1277-1284.	1.9	11

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109	Whole-body MRI including diffusion-weighted MRI compared with 5-HTP PET/CT in the detection of neuroendocrine tumors. Upsala Journal of Medical Sciences, 2017, 122, 43-50.	0.4	11
110	Water-fat separation incorporating spatial smoothing is robust to noise. Magnetic Resonance Imaging, 2018, 50, 78-83.	1.0	11
111	Unrecognized myocardial infarction assessed by cardiac magnetic resonance imaging is associated with adverse long-term prognosis. PLoS ONE, 2018, 13, e0200381.	1.1	11
112	Unrecognized myocardial infarctions assessed by cardiovascular magnetic resonance are associated with the severity of the stenosis in the supplying coronary artery. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 98.	1.6	10
113	Assessment of Whether Patientsâ€™ Knowledge, Satisfaction, and Experience Regarding Their ¹⁸F-Fluoride PET/CT Examination Affects Image Quality. Journal of Nuclear Medicine Technology, 2016, 44, 21-25.	0.4	10
114	Small Vessel Disease on Neuroimaging in a 75-Year-Old Cohort (PIVUS): Comparison With Cognitive and Executive Tests. Frontiers in Aging Neuroscience, 2018, 10, 217.	1.7	10
115	Serum levels of perfluoroalkyl substances (PFAS) and body composition â€“ A cross-sectional study in a middle-aged population. Environmental Research, 2022, 209, 112677.	3.7	10
116	Whole-Body Screening of Atherosclerosis With Magnetic Resonance Angiography. Topics in Magnetic Resonance Imaging, 2007, 18, 329-337.	0.7	9
117	Cardiac Troponin I Associated with the Development of Unrecognized Myocardial Infarctions Detected with MRI. Clinical Chemistry, 2014, 60, 1327-1335.	1.5	9
118	The Plasma Metabolomic Profile is Differently Associated with Liver Fat, Visceral Adipose Tissue, and Pancreatic Fat. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e118-e129.	1.8	9
119	Ultrasmall Iron Oxide Particle Contrast Agent and MRI Can Be Used to Monitor the Effect of Anti-Rejection Treatment. Transplantation, 2007, 84, 374-379.	0.5	8
120	Automated extraction and labelling of the arterial tree from whole-body MRA data. Medical Image Analysis, 2015, 24, 28-40.	7.0	8
121	Relation between Cardiovascular Disease Risk Markers and Brain Infarcts Detected by Magnetic Resonance Imaging in an Elderly Population. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 312-318.	0.7	8
122	MRI estimates of brown adipose tissue in children â€“ Associations to adiposity, osteocalcin, and thigh muscle volume. Magnetic Resonance Imaging, 2019, 58, 135-142.	1.0	8
123	Complete response with combined BRAF and MEK inhibition in BRAF mutated advanced low-grade serous ovarian carcinoma. Upsala Journal of Medical Sciences, 2020, 125, 325-329.	0.4	8
124	Associations between fatty acid composition in serum cholesteryl esters and liver fat, basal fat oxidation, and resting energy expenditure: a population-based study. American Journal of Clinical Nutrition, 2021, 114, 1743-1751.	2.2	8
125	High-Resolution Echo-Planar Spectroscopic Imaging of the Human Calf. PLoS ONE, 2014, 9, e87533.	1.1	7
126	Patient Experience of an 18F-FDG-PET/CT Examination: Need for Improvements in Patient Care. Journal of Radiology Nursing, 2015, 34, 100-108.	0.2	7

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127	Pre-transplantation 31 P-magnetic resonance spectroscopy for quality assessment of human pancreatic grafts â€“ A feasibility study. Magnetic Resonance Imaging, 2017, 39, 98-102.	1.0	7
128	An Intraprostatic Modified Release Formulation of Antiandrogen 2-Hydroxyflutamide for Localized Prostate Cancer. Journal of Urology, 2017, 198, 1333-1339.	0.2	7
129	Quantification of metabolite concentrations in benign and malignant prostate tissues using 3D proton MR spectroscopic imaging. Journal of Magnetic Resonance Imaging, 2017, 45, 1232-1240.	1.9	7
130	Evaluation of quantitative CMR perfusion imaging by comparison with simultaneous 15O-water-PET. Journal of Nuclear Cardiology, 2021, 28, 1252-1266.	1.4	7
131	Tissue-specific glucose partitioning and fat content in prediabetes and type 2 diabetes: whole-body PET/MRI during hyperinsulinemia. European Journal of Endocrinology, 2021, 184, 879-889.	1.9	7
132	Evaluation of the Value of Waist Circumference and Metabolomics in the Estimation of Visceral Adipose Tissue. American Journal of Epidemiology, 2022, , .	1.6	7
133	99mTc-NC100668, an agent for imaging venous thromboembolism: The effect of anticoagulant or thrombolytic therapy on the uptake and retention of radioactivity in blood clots in vivo. Nuclear Medicine Communications, 2007, 28, 55-62.	0.5	6
134	Phase-difference and spectroscopic imaging for monitoring of human brain temperature during cooling. Magnetic Resonance Imaging, 2012, 30, 1505-1511.	1.0	6
135	The number of unrecognized myocardial infarction scars detected at DE-MRI increases during a 5-year follow-up. European Radiology, 2017, 27, 715-722.	2.3	6
136	Proof of principle study of a detailed whole-body image analysis technique, â€œImiomicsâ€, regarding adipose and lean tissue distribution. Scientific Reports, 2019, 9, 7388.	1.6	6
137	THE IN VIVO AND IN VITRO METABOLIC PROFILE OF 99MTC-NC100668, A NEW TRACER FOR IMAGING VENOUS THROMBOEMBOLISM: IDENTIFICATION AND BIODISTRIBUTION OF THE PRINCIPAL RADIOLABELED METABOLITE. Drug Metabolism and Disposition, 2006, 34, 1128-1135.	1.7	5
138	Several sources of error in estimation of left ventricular mass with M-mode echocardiography in elderly subjects. Upsala Journal of Medical Sciences, 2011, 116, 258-264.	0.4	5
139	Unrecognized myocardial scars detected by delayedâ€“enhanced MRI are associated with increased levels of NT-proBNP. Coronary Artery Disease, 2011, 22, 158-164.	0.3	5
140	Brachial artery hyperaemic blood flow velocity in relation to established indices of vascular function and global atherosclerosis. Clinical Physiology and Functional Imaging, 2012, 32, 227-233.	0.5	5
141	Endotheliumâ€dependent vasodilation is related to the occurrence of cortical brain infarcts at <scp>MR</scp> imaging. Clinical Physiology and Functional Imaging, 2017, 37, 194-197.	0.5	5
142	Additional value of magnetic resonance-targeted biopsies to standard transrectal ultrasound-guided biopsies for detection of clinically significant prostate cancer. Scandinavian Journal of Urology, 2017, 51, 107-113.	0.6	5
143	Proton MR spectroscopy of human pancreas allografts. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2019, 32, 511-517.	1.1	5
144	Prognostic impact of abdominal lymph node involvement in diffuse large Bâ€cell lymphoma. European Journal of Haematology, 2020, 104, 207-213.	1.1	5

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145	Visual rating versus volumetry of regional brain atrophy and longitudinal changes over a 5â€year period in an elderly population. Brain and Behavior, 2020, 10, e01662.	1.0	5
146	Integration of whole-body [18F]FDG PET/MRI with non-targeted metabolomics can provide new insights on tissue-specific insulin resistance in type 2 diabetes. Scientific Reports, 2020, 10, 8343.	1.6	5
147	Cardiovascular-related proteins and the abdominal visceral to subcutaneous adipose tissue ratio. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 532-539.	1.1	5
148	Relationships between plasma levels and six proinflammatory interleukins and body composition using a new magnetic resonance imaging voxel-based technique. Cytokine: X, 2021, 3, 100050.	0.5	5
149	Local irradiation does not enhance the effect of immunostimulatory AdCD40L gene therapy combined with low dose cyclophosphamide in melanoma patients. Oncotarget, 2017, 8, 78573-78587.	0.8	5
150	Whole-Body MRI Surveillanceâ€”Baseline Findings in the Swedish Multicentre Hereditary TP53-Related Cancer Syndrome Study (SWEP53). Cancers, 2022, 14, 380.	1.7	5
151	The Combination of <scp>MR</scp> Elastography and Proton Density Fat Fraction Improves Diagnosis of Nonalcoholic Steatohepatitis. Journal of Magnetic Resonance Imaging, 2022, 56, 368-379.	1.9	5
152	Calcified Leiomyosarcoma Simulating Uterine Myoma in a Patient with Long-standing Anaemia. Upsala Journal of Medical Sciences, 1991, 96, 141-147.	0.4	4
153	Radioimmunolocalization of Hepatic Metastases and Subcutaneous Xenografts from a Human Colonic Cancer: In the Nude Rat: Aspects of Tumour Implantation Site and Mode of Antibody Administration. Acta OncolÃ³gica, 1993, 32, 877-885.	0.8	4
154	A simple method for mapping the B1 field distribution of linear RF coils. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2005, 18, 283-287.	1.1	4
155	Landmarkâ€based software for anatomical measurements: A precision study. Clinical Anatomy, 2009, 22, 456-462.	1.5	4
156	Influence of blood/tissue differences in contrast agent relaxivity on tracer-based MR perfusion measurements. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2015, 28, 135-147.	1.1	4
157	Unrecognized myocardial infarctions detected by cardiac magnetic resonance imaging are associated with cardiac troponin I levels. Clinica Chimica Acta, 2016, 455, 189-194.	0.5	4
158	PET/MRI of glucose metabolic rate, lipid content and perfusion in human brown adipose tissue. Scientific Reports, 2021, 11, 14955.	1.6	4
159	Uncertainty-aware body composition analysis with deep regression ensembles on UK Biobank MRI. Computerized Medical Imaging and Graphics, 2021, 93, 101994.	3.5	4
160	Multiple comparison correction methods for whole-body magnetic resonance imaging. Journal of Medical Imaging, 2020, 7, 1.	0.8	4
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