

Me Kooi

List of Publications by Year in descending order

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149
papers

6,004
citations

81743

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154
all docs

154
docs citations

154
times ranked

7552
citing authors

#	ARTICLE	IF	CITATIONS
1	Accumulation of Ultrasmall Superparamagnetic Particles of Iron Oxide in Human Atherosclerotic Plaques Can Be Detected by In Vivo Magnetic Resonance Imaging. <i>Circulation</i> , 2003, 107, 2453-2458.	1.6	765
2	1H MR Spectroscopy of the Brain: Absolute Quantification of Metabolites. <i>Radiology</i> , 2006, 240, 318-332.	3.6	371
3	Lower Intrinsic ADP-Stimulated Mitochondrial Respiration Underlies In Vivo Mitochondrial Dysfunction in Muscle of Male Type 2 Diabetic Patients. <i>Diabetes</i> , 2008, 57, 2943-2949.	0.3	298
4	Impaired in vivo mitochondrial function but similar intramyocellular lipid content in patients with type 2 diabetes mellitus and BMI-matched control subjects. <i>Diabetologia</i> , 2007, 50, 113-120.	2.9	246
5	Carotid Artery Wall Imaging: Perspective and Guidelines from the ASNR Vessel Wall Imaging Study Group and Expert Consensus Recommendations of the American Society of Neuroradiology. <i>American Journal of Neuroradiology</i> , 2018, 39, E9-E31.	1.2	213
6	Intramyocellular Lipid Content in Human Skeletal Muscle. <i>Obesity</i> , 2006, 14, 357-367.	1.5	156
7	Optical and Magnetic Resonance Imaging of Cell Death and Platelet Activation Using Annexin A5-Functionalized Quantum Dots. <i>Nano Letters</i> , 2007, 7, 93-100.	4.5	149
8	Cerebral microbleeds and stroke risk after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. <i>Lancet Neurology</i> , The, 2019, 18, 653-665.	4.9	143
9	Assessment of Human Atherosclerotic Carotid Plaque Components with Multisequence MR Imaging: Initial Experience. <i>Radiology</i> , 2005, 234, 487-492.	3.6	142
10	Prediction of Stroke Risk by Detection of Hemorrhage in Carotid Plaques. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 395-406.	2.3	142
11	The Increase in Intramyocellular Lipid Content Is a Very Early Response to Training. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1610-1616.	1.8	123
12	In vivo detection of hemorrhage in human atherosclerotic plaques with magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 20, 105-110.	1.9	108
13	Intramyocellular Lipid Content and Molecular Adaptations in Response to a 1â€Week Highâ€Fat Diet. <i>Obesity</i> , 2005, 13, 2088-2094.	4.0	89
14	Dynamic Contrast-enhanced MR Imaging of Carotid Atherosclerotic Plaque: Model Selection, Reproducibility, and Validation. <i>Radiology</i> , 2013, 266, 271-279.	3.6	79
15	Plaque at RISK (PARISK): Prospective Multicenter Study to Improve Diagnosis of High-Risk Carotid Plaques. <i>International Journal of Stroke</i> , 2014, 9, 747-754.	2.9	76
16	Intramyocellular lipid content is increased after exercise in nonexercising human skeletal muscle. <i>Journal of Applied Physiology</i> , 2003, 95, 2328-2332.	1.2	75
17	Is there more than C-reactive protein and fibrinogen?. <i>Atherosclerosis</i> , 2006, 187, 18-25.	0.4	73
18	Impaired Skeletal Muscle Substrate Oxidation in Glucoseâ€intolerant Men Improves After Weight Loss. <i>Obesity</i> , 2008, 16, 1025-1032.	1.5	73

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19	Functional MRI reveals declined prefrontal cortex activation in patients with epilepsy on topiramate therapy. <i>Epilepsy and Behavior</i> , 2006, 9, 181-185.	0.9	71
20	MRI of carotid atherosclerosis to identify TIA and stroke patients who are at risk of a recurrence. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 1189-1194.	1.9	66
21	Influence of prolonged endurance cycling and recovery diet on intramuscular triglyceride content in trained males. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 285, E804-E811.	1.8	64
22	Improved Ejection Fraction after Exercise Training in Obesity Is Accompanied by Reduced Cardiac Lipid Content. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 1932-1938.	1.8	63
23	Combined ¹⁸ F-FDG PET-CT and DCE-MRI to Assess Inflammation and Microvascularization in Atherosclerotic Plaques. <i>Stroke</i> , 2013, 44, 3568-3570.	1.0	62
24	Identifying vulnerable carotid plaques by noninvasive imaging. <i>Neurology</i> , 2008, 70, 2401-2409.	1.5	60
25	Multimodality Imaging of Carotid Artery Plaques. <i>Stroke</i> , 2009, 40, 3718-3724.	1.0	60
26	Molecular MRI of Early Thrombus Formation Using a Bimodal \pm 2-Antiplasmin-Based Contrast Agent. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 987-996.	2.3	60
27	Intraplaque Hemorrhage and the Plaque Surface in Carotid Atherosclerosis: The Plaque At RISK Study (PARISK). <i>American Journal of Neuroradiology</i> , 2015, 36, 2127-2133.	1.2	57
28	Magnetic resonance imaging of atherosclerosis. <i>European Radiology</i> , 2005, 15, 1087-1099.	2.3	54
29	Long α -echo time MR spectroscopy for skeletal muscle acetylcarnitine detection. <i>Journal of Clinical Investigation</i> , 2014, 124, 4915-4925.	3.9	54
30	Reproducibility of Quantitative Cerebral T2 Relaxometry, Diffusion Tensor Imaging, and 1H Magnetic Resonance Spectroscopy at 3.0 Tesla. <i>Investigative Radiology</i> , 2007, 42, 327-337.	3.5	51
31	Muscular mitochondrial dysfunction and type 2 diabetes mellitus. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2007, 10, 698-703.	1.3	50
32	Reproducibility of Fibrous Cap Status Assessment of Carotid Artery Plaques by Contrast-Enhanced MRI. <i>Stroke</i> , 2009, 40, 3017-3021.	1.0	50
33	Quantification of atherosclerotic plaque components using in vivo MRI and supervised classifiers. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 790-799.	1.9	47
34	Gadofosveset-Enhanced Magnetic Resonance Imaging of Human Carotid Atherosclerotic Plaques. <i>Investigative Radiology</i> , 2010, 45, 275-281.	3.5	47
35	Symptomatic Patients With Mild and Moderate Carotid Stenosis. <i>Stroke</i> , 2010, 41, 1389-1393.	1.0	45
36	Comparison of lipid-rich necrotic core size in symptomatic and asymptomatic carotid atherosclerotic plaque: Initial results. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 1356-1361.	1.9	43

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37	Imaging Intraplaque Inflammation in Carotid Atherosclerosis With ¹⁸ F-Fluorocholine Positron Emission Tomography-Computed Tomography. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	1.3	43
38	Mitochondrial Function and Diabetes: Consequences for Skeletal and Cardiac Muscle Metabolism. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 39-51.	2.5	43
39	Potential of Integrated [¹⁸ F] Fluorodeoxyglucose Positron-Emission Tomography/CT in Identifying Vulnerable Carotid Plaques. <i>American Journal of Neuroradiology</i> , 2011, 32, 950-954.	1.2	41
40	Cardiac lipid content is unresponsive to a physical activity training intervention in type 2 diabetic patients, despite improved ejection fraction. <i>Cardiovascular Diabetology</i> , 2011, 10, 47.	2.7	40
41	The Insulin-Sensitizing Effect of Rosiglitazone in Type 2 Diabetes Mellitus Patients Does Not Require Improved in Vivo Muscle Mitochondrial Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 2917-2921.	1.8	39
42	Atherosclerosis: Contrast-enhanced MR Imaging of Vessel Wall in Rabbit Model-Comparison of Gadofosveset and Gadopentetate Dimeglumine. <i>Radiology</i> , 2009, 250, 682-691.	3.6	39
43	Exercise-induced modulation of cardiac lipid content in healthy lean young men. <i>Basic Research in Cardiology</i> , 2011, 106, 307-315.	2.5	37
44	Development of imaging-based risk scores for prediction of intracranial haemorrhage and ischaemic stroke in patients taking antithrombotic therapy after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. <i>Lancet Neurology</i> , The, 2021, 20, 294-303.	4.9	37
45	Effects of fructose restriction on liver steatosis (FRUITLESS); a double-blind randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 391-400.	2.2	37
46	Carotid plaque fissure: An underestimated source of intraplaque hemorrhage. <i>Atherosclerosis</i> , 2016, 254, 102-108.	0.4	36
47	Abdominal Aortic Aneurysms with High Thrombus Signal Intensity on Magnetic Resonance Imaging are Associated with High Growth Rate. <i>European Journal of Vascular and Endovascular Surgery</i> , 2014, 48, 676-684.	0.8	34
48	Longitudinal MRI Study on the Natural History of Carotid Artery Plaques in Symptomatic Patients. <i>PLoS ONE</i> , 2012, 7, e42472.	1.1	31
49	Vessel Wall-Imaging Biomarkers of Carotid Plaque Vulnerability in Stroke-Prevention Trials. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2445-2456.	2.3	31
50	Acute exercise does not decrease liver fat in men with overweight or NAFLD. <i>Scientific Reports</i> , 2015, 5, 9709.	1.6	30
51	Patients With Aldolase B Deficiency Are Characterized by Increased Intrahepatic Triglyceride Content. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5056-5064.	1.8	30
52	Carotid Plaque Characteristics Predict Recurrent Ischemic Stroke and TIA. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1715-1726.	2.3	30
53	Impaired β -adrenergically mediated lipolysis in skeletal muscle of obese subjects. <i>Diabetologia</i> , 2004, 47, 1462-8.	2.9	29
54	Comparison of single-sequence T1w TFE MRI with multisequence MRI for the quantification of lipid-rich necrotic core in atherosclerotic plaque. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 1347-1355.	1.9	29

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55	Contemporary rationale for non-invasive imaging of adverse coronary plaque features to identify the vulnerable patient: A Position Paper from the European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology and the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1177-1183.	0.5	29
56	Multi-Center MRI Carotid Plaque Component Segmentation Using Feature Normalization and Transfer Learning. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 1294-1305.	5.4	28
57	MRS: a noninvasive window into cardiac metabolism. <i>NMR in Biomedicine</i> , 2015, 28, 747-766.	1.6	26
58	Use of Antiplatelet Agents Is Associated With Intraplaque Hemorrhage on Carotid Magnetic Resonance Imaging. <i>Stroke</i> , 2015, 46, 3411-3415.	1.0	26
59	Geometrical models for cardiac MRI in rodents: comparison of quantification of left ventricular volumes and function by various geometrical models with a full-volume MRI data set in rodents. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H709-H715.	1.5	25
60	Roadmap Consensus on Carotid Artery Plaque Imaging and Impact on Therapy Strategies and Guidelines: An International, Multispecialty, Expert Review and Position Statement. <i>American Journal of Neuroradiology</i> , 2021, 42, 1566-1575.	1.2	25
61	Independent tissue contributors to obesity-associated insulin resistance. <i>JCI Insight</i> , 2017, 2, .	2.3	25
62	Association between Carotid Plaque Characteristics and Cerebral White Matter Lesions: One-Year Follow-Up Study by MRI. <i>PLoS ONE</i> , 2011, 6, e17070.	1.1	24
63	Clinical Perspectives of Hybrid Proton-Fluorine Magnetic Resonance Imaging and Spectroscopy. <i>Investigative Radiology</i> , 2013, 48, 341-350.	3.5	24
64	Intraplaque Hemorrhage, Fibrous Cap Status, and Microembolic Signals in Symptomatic Patients With Mild to Moderate Carotid Artery Stenosis. <i>Stroke</i> , 2014, 45, 3423-3426.	1.0	24
65	Dark-blood late gadolinium enhancement cardiovascular magnetic resonance for improved detection of subendocardial scar: a review of current techniques. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 96.	1.6	24
66	Visualization of Coronary Wall Atherosclerosis in Asymptomatic Subjects and Patients with Coronary Artery Disease Using Magnetic Resonance Imaging. <i>PLoS ONE</i> , 2010, 5, e12998.	1.1	23
67	Metformin and sulodexide restore cardiac microvascular perfusion capacity in diet-induced obese rats. <i>Cardiovascular Diabetology</i> , 2017, 16, 47.	2.7	23
68	Short- and long-term limbic abnormalities after experimental febrile seizures. <i>Neurobiology of Disease</i> , 2008, 32, 293-301.	2.1	22
69	Detection of coronary plaques using MR coronary vessel wall imaging: validation of findings with intravascular ultrasound. <i>European Radiology</i> , 2013, 23, 115-124.	2.3	22
70	Magnetic resonance imaging of carotid plaques: current status and clinical perspectives. <i>Annals of Translational Medicine</i> , 2020, 8, 1266-1266.	0.7	22
71	International Union of Angiology (IUA) consensus paper on imaging strategies in atherosclerotic carotid artery imaging: From basic strategies to advanced approaches. <i>Atherosclerosis</i> , 2022, 354, 23-40.	0.4	22
72	Management of Patients with Asymptomatic Carotid Stenosis May Need to Be Individualized: A Multidisciplinary Call for Action. <i>Journal of Stroke</i> , 2021, 23, 202-212.	1.4	21

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73	Lipoprotein(a) levels and atherosclerotic plaque characteristics in the carotid artery: The Plaque at RISK (PARISK) study. <i>Atherosclerosis</i> , 2021, 329, 22-29.	0.4	21
74	Carotid Plaques in Transient Ischemic Attack and Stroke Patients. <i>Investigative Radiology</i> , 2010, 45, 803-809.	3.5	20
75	Leukocyte Counts, Myeloperoxidase, and Pregnancy-Associated Plasma Protein A as Biomarkers for Cardiovascular Disease: Towards a Multi-Biomarker Approach. <i>International Journal of Vascular Medicine</i> , 2010, 2010, 1-9.	0.4	20
76	Early impairment of coronary microvascular perfusion capacity in rats on a high fat diet. <i>Cardiovascular Diabetology</i> , 2015, 14, 150.	2.7	20
77	Automated registration of multispectral MR vessel wall images of the carotid artery. <i>Medical Physics</i> , 2013, 40, 121904.	1.6	18
78	PET/MRI of atherosclerosis. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1120-1139.	0.7	17
79	Sex Differences in Plaque Composition and Morphology Among Symptomatic Patients With Mild-to-Moderate Carotid Artery Stenosis. <i>Stroke</i> , 2022, 53, 370-378.	1.0	17
80	The vibrational frequency of nitrogen near the fluid-solids transition in the pure substance and in mixtures. <i>Journal of Chemical Physics</i> , 1998, 108, 2695-2702.	1.2	16
81	Quantification of abdominal aortic aneurysm wall enhancement with dynamic contrast-enhanced MRI: Feasibility, reproducibility, and initial experience. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1449-1456.	1.9	16
82	Dynamic Contrast-Enhanced MRI to Study Atherosclerotic Plaque Microvasculature. <i>Current Atherosclerosis Reports</i> , 2016, 18, 33.	2.0	16
83	Time-Efficient Black Blood RCA Wall Imaging at 3T Using Improved Motion Sensitized Driven Equilibrium (iMSDE): Feasibility and Reproducibility. <i>PLoS ONE</i> , 2011, 6, e26567.	1.1	16
84	High field carotid vessel wall imaging: A study on reproducibility. <i>European Journal of Radiology</i> , 2013, 82, 680-685.	1.2	15
85	Suitability of Pharmacokinetic Models for Dynamic Contrast-Enhanced MRI of Abdominal Aortic Aneurysm Vessel Wall: A Comparison. <i>PLoS ONE</i> , 2013, 8, e75173.	1.1	15
86	Arterial Spin Labeling Perfusion MRI in Children and Young Adults with Previous Ischemic Stroke and Unilateral Intracranial Arteriopathy. <i>Cerebrovascular Diseases</i> , 2014, 37, 14-21.	0.8	15
87	Plaque Components in Symptomatic Moderately Stenosed Carotid Arteries Related to Cerebral Infarcts. <i>Stroke</i> , 2015, 46, 568-571.	1.0	15
88	Microvasculature and intraplaque hemorrhage in atherosclerotic carotid lesions: a cardiovascular magnetic resonance imaging study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 15.	1.6	14
89	Optimal Management of Asymptomatic Carotid Stenosis in 2021: The Jury is Still Out. An International, Multispecialty, Expert Review and Position Statement. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106182.	0.7	14
90	Cognitive fMRI and neuropsychological assessment in patients with secondarily generalized seizures. <i>Clinical Neurology and Neurosurgery</i> , 2008, 110, 441-450.	0.6	13

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91	Contribution of Liver Fat to Weight Loss—Induced Changes in Serum Hepatokines: A Randomized Controlled Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2719-2727.	1.8	12
92	Vibrational Spectra of Nitrogen in Simple Mixtures at High Pressures. <i>International Journal of Thermophysics</i> , 1999, 20, 867-876.	1.0	11
93	Numerical simulations of carotid MRI quantify the accuracy in measuring atherosclerotic plaque components in vivo. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 188-201.	1.9	11
94	Head orientation should be considered in ultrasound studies on carotid artery distensibility. <i>Journal of Hypertension</i> , 2016, 34, 1551-1555.	0.3	11
95	Vessel wall and adventitial DCE—MRI parameters demonstrate similar correlations with carotid plaque microvasculature on histology. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1053-1059.	1.9	11
96	Association between fibrinogen and fibrinogen β^{TM} and atherosclerotic plaque morphology and composition in symptomatic carotid artery stenosis: Plaque-At-RISK study. <i>Thrombosis Research</i> , 2019, 177, 130-135.	0.8	11
97	NK cells in human visceral adipose tissue contribute to obesity—associated insulin resistance through low—grade inflammation. <i>Clinical and Translational Medicine</i> , 2020, 10, e192.	1.7	11
98	Fructose Intake From Fruit Juice and Sugar-Sweetened Beverages Is Associated With Higher Intrahepatic Lipid Content: The Maastricht Study. <i>Diabetes Care</i> , 2022, 45, 1116-1123.	4.3	11
99	Magnetic resonance imaging contrast-enhancement with superparamagnetic iron oxide nanoparticles amplifies macrophage foam cell apoptosis in human and murine atherosclerosis. <i>Cardiovascular Research</i> , 2023, 118, 3346-3359.	1.8	11
100	Calculation of the vibrational linewidth and line shape of Raman spectra using the relaxation function. I. Method and application to nitrogen. <i>Journal of Chemical Physics</i> , 2000, 112, 1395-1403.	1.2	10
101	Supplementing Exposure to Hypoxia with a Copper Depleted Diet Does Not Exacerbate Right Ventricular Remodeling in Mice. <i>PLoS ONE</i> , 2014, 9, e92983.	1.1	10
102	Ischemic Stroke Patients Demonstrate Increased Carotid Plaque Microvasculature Compared to (Ocular) Transient Ischemic Attack Patients. <i>Cerebrovascular Diseases</i> , 2017, 44, 297-303.	0.8	10
103	Plaque Composition as a Predictor of Plaque Ulceration in Carotid Artery Atherosclerosis: The Plaque At RISK Study. <i>American Journal of Neuroradiology</i> , 2021, 42, 144-151.	1.2	10
104	The system CO ₂ -N ₂ at high pressure and applications to fluid inclusions. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 2837-2843.	1.6	9
105	Short-term Training is Accompanied by a Down Regulation of ACC2 mRNA in Skeletal Muscle. <i>International Journal of Sports Medicine</i> , 2006, 27, 786-791.	0.8	9
106	No Association between Thrombin Generation and Intra-Plaque Haemorrhage in Symptomatic Carotid Atherosclerotic Plaques: The Plaque at RISK (PARISK) Study. <i>Thrombosis and Haemostasis</i> , 2018, 118, 1461-1469.	1.8	9
107	High-pressure Raman investigation of mutual solubility and compound formation in Xe—N ₂ and Ne—N ₂ . <i>Physical Review B</i> , 1999, 60, 12635-12643.	1.1	8
108	Negative vibrational shift of nitrogen diluted in xenon at the fluid—solid transition. <i>Journal of Chemical Physics</i> , 1999, 110, 3023-3025.	1.2	8

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109	Cognitive fMRI and soluble telencephalin assessment in patients with localization-related epilepsy. <i>Acta Neurologica Scandinavica</i> , 2008, 118, 232-239.	1.0	8
110	Heart rate lowering treatment leads to a reduction in vulnerable plaque features in atherosclerotic rabbits. <i>PLoS ONE</i> , 2017, 12, e0179024.	1.1	8
111	Emerging Role of Carotid MRI for Personalized Ischemic Stroke Risk Prediction in Patients With Carotid Artery Stenosis. <i>Frontiers in Neurology</i> , 2021, 12, 718438.	1.1	8
112	Visualization of Local Changes in Vessel Wall Morphology and Plaque Progression in Serial Carotid Artery Magnetic Resonance Imaging. <i>Stroke</i> , 2014, 45, e160-3.	1.0	7
113	Raman spectra and phase behavior of the mixed solid N ₂ at high pressure. <i>Physical Review B</i> , 1998, 57, 10407-10413.	1.1	6
114	Efficacy of positive contrast imaging techniques for molecular MRI of tumor angiogenesis. <i>Contrast Media and Molecular Imaging</i> , 2012, 7, 130-139.	0.4	6
115	Phase-based vascular input function: Improved quantitative DCE-MRI of atherosclerotic plaques. <i>Medical Physics</i> , 2015, 42, 4619-4628.	1.6	6
116	Proximal Region of Carotid Atherosclerotic Plaque Shows More Intraplaque Hemorrhage: The Plaque at Risk Study. <i>American Journal of Neuroradiology</i> , 2022, 43, 265-271.	1.2	6
117	MRI artifacts in the ferric chloride thrombus animal model: an alternative solution. <i>Journal of Thrombosis and Haemostasis</i> , 2013, 11, 1766-1769.	1.9	5
118	Management of patients with asymptomatic carotid stenosis may need to be individualized: a multidisciplinary call for action. Republication of <i>J Stroke</i> 2021;23:202-212. <i>International Angiology</i> , 2021, 40, 487-496.	0.4	5
119	Association between plaque vulnerability and neutrophil extracellular traps (NETs) levels: The Plaque At RISK study. <i>PLoS ONE</i> , 2022, 17, e0269805.	1.1	5
120	Development of Carotid Intraplaque Hemorrhage Demonstrated by Serial Magnetic Resonance Imaging. <i>Circulation</i> , 2009, 120, 1637-1639.	1.6	4
121	Hyperintense Carotid Plaque on T ₂ -Weighted Turbo-Field Echo MRI in Symptomatic Patients with Low-Grade Carotid Stenosis and Carotid Occlusion. <i>Cerebrovascular Diseases</i> , 2010, 30, 221-229.	0.8	4
122	Gadobutrol versus gadofosveset-trisodium in MR venography of the lower extremities. <i>European Radiology</i> , 2017, 27, 4986-4994.	2.3	4
123	Symptomatic Carotid Plaques Demonstrate Less Leaky Plaque Microvasculature Compared With the Contralateral Side: A Dynamic Contrast-Enhanced Magnetic Resonance Imaging Study. <i>Journal of the American Heart Association</i> , 2019, 8, e011832.	1.6	4
124	Dolichoarteriopathies of the extracranial internal carotid artery: The Plaque At RISK study. <i>European Journal of Neurology</i> , 2021, 28, 3133-3138.	1.7	4
125	Comparison of Recent Practice Guidelines for the Management of Patients With Asymptomatic Carotid Stenosis. <i>Angiology</i> , 2022, 73, 903-910.	0.8	4
126	Calculation of the vibrational linewidth and line shape of Raman spectra using the relaxation function. II. Application to the mixture neon-nitrogen with inhomogeneous broadening due to concentration fluctuations. <i>Journal of Chemical Physics</i> , 2000, 112, 1404-1412.	1.2	3

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127	Effects of Combined Vitamin K2 and Vitamin D3 Supplementation on Na[18F]F PET/MRI in Patients with Carotid Artery Disease: The INTRICATE Rationale and Trial Design. <i>Nutrients</i> , 2021, 13, 994.	1.7	3
128	Association between Intraplaque Hemorrhage and Vascular Remodeling in Carotid Arteries: The Plaque at RISK (PARISK) Study. <i>Cerebrovascular Diseases</i> , 2021, 50, 94-99.	0.8	3
129	The Association Between Time-Varying Wall Shear Stress and the Development of Plaque Ulcerations in Carotid Arteries From the Plaque at Risk Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 732646.	1.1	3
130	Intrahepatic lipid content is independently associated with soluble E-selectin levels: The Maastricht study. <i>Digestive and Liver Disease</i> , 2022, 54, 1038-1043.	0.4	3
131	Development and validation of novel imaging technologies to assist translational studies in atherosclerosis. <i>Drug Discovery Today: Technologies</i> , 2006, 3, 195-204.	4.0	2
132	Abdominal Aortic Aneurysms with High Thrombus Signal Intensity on Magnetic Resonance Imaging are Associated with High Growth Rate. <i>Journal of Vascular Surgery</i> , 2014, 60, 1713.	0.6	2
133	The Emerging Role of USPIOs for MR Imaging of Atherosclerosis. , 2008, , 63-90.		2
134	The burden of carotid-related strokes. <i>Annals of Translational Medicine</i> , 2022, 10, 159-159.	0.7	2
135	Noninvasive Cardiac Imaging in Formerly Preeclamptic Women for Early Detection of Subclinical Myocardial Abnormalities: A 2022 Update. <i>Biomolecules</i> , 2022, 12, 415.	1.8	2
136	Title is missing!. <i>Journal of Low Temperature Physics</i> , 1998, 111, 349-355.	0.6	1
137	Effects of high-fat feeding on ectopic fat storage and postprandial lipid metabolism in mouse offspring. <i>Obesity</i> , 2015, 23, 2242-2250.	1.5	1
138	Optimal management of asymptomatic carotid stenosis in 2021: the jury is still out. An international, multispecialty, expert review and position statement. <i>International Angiology</i> , 2022, 41, .	0.4	1
139	Cardiac lipid content is reduced after twelve weeks of endurance and strength training in overweight subjects. <i>Chemistry and Physics of Lipids</i> , 2008, 154, S10.	1.5	0
140	Wear and Tear – Editorials published in <i>JACC: Cardiovascular Imaging</i> reflect the views of the authors and do not necessarily represent the views of <i>JACC: Cardiovascular Imaging</i> or the American College of Cardiology.. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 478-480.	2.3	0
141	PS5 - 26. Exposure to a high fat diet during early development increases the susceptibility to cardiac lipid accumulation. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2012, 10, 115-116.	0.0	0
142	1.5 THE EFFECT OF IVABRADINE ON PLAQUE SIZE, BIOMECHANICS, AND MICROVASCULATURE IN ATHEROSCLEROTIC RABBITS. <i>Artery Research</i> , 2014, 8, 122.	0.3	0
143	P502Supplementing exposure to hypoxia with a copper depleted diet does not exacerbate right ventricular remodeling in mice. <i>Cardiovascular Research</i> , 2014, 103, S92.1-S92.	1.8	0
144	Start Of Antiplatelet Therapy Increases The Prevalence Of Intraplaque Hemorrhage In Patients With Advanced Carotid Artery Lesions: A Longitudinal Mr Imaging Study. <i>Atherosclerosis</i> , 2019, 287, e104-e105.	0.4	0

#	ARTICLE	IF	CITATIONS
145	Upstream Region Of Carotid Plaque Shows More Intraplaque Hemorrhage In Stroke Patients: The Plaque At Risk (Parisk) Study. <i>Atherosclerosis</i> , 2019, 287, e50-e51.	0.4	0
146	Evaluation Of Attenuation Reduction Of A Dedicated Carotid Pet/Mri Coil For Carotid Plaque Imaging. <i>Atherosclerosis</i> , 2019, 287, e51-e52.	0.4	0
147	Noninvasive Imaging of Carotid Atherosclerosis. , 2011, , 497-525.		0
148	Optimal Management of Asymptomatic Carotid Stenosis: Counterbalancing the Benefits with the Potential Risks. <i>Journal of Stroke</i> , 2022, 24, 163-165.	1.4	0
149	Evaluation of a Dedicated Radiofrequency Carotid PET/MRI Coil. <i>Journal of Clinical Medicine</i> , 2022, 11, 2569.	1.0	0