

# 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  
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docs citations

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	The burden of carotid-related strokes. <i>Annals of Translational Medicine</i> , 2022, 10, 159-159.	0.7	2
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	Comparison of Recent Practice Guidelines for the Management of Patients With Asymptomatic Carotid Stenosis. <i>Angiology</i> , 2022, 73, 903-910.	0.8	4
12	Evaluation of a Dedicated Radiofrequency Carotid PET/MRI Coil. <i>Journal of Clinical Medicine</i> , 2022, 11, 2569.	1.0	0
13	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
14	Carotid Plaque Characteristics Predict Recurrent Ischemic Stroke and TIA. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1715-1726.	2.3	30
15	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
16	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
17	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
18	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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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	Prediction of Stroke Risk by Detection of Hemorrhage in Carotid Plaques. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 395-406.	2.3	142
30	PET/MRI of atherosclerosis. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1120-1139.	0.7	17
31	Magnetic resonance imaging of carotid plaques: current status and clinical perspectives. <i>Annals of Translational Medicine</i> , 2020, 8, 1266-1266.	0.7	22
32	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
33	Vessel Wall Imaging Biomarkers of Carotid Plaque Vulnerability in Stroke Prevention Trials. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2445-2456.	2.3	31
34	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
35	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
36	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

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37	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
38	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
39	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
40	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
41	Association between fibrinogen and fibrinogen $\beta^2$ 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
42	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
43	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
44	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
45	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
46	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
47	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
48	Gadobutrol versus gadofosveset-trisodium in MR venography of the lower extremities. <i>European Radiology</i> , 2017, 27, 4986-4994.	2.3	4
49	Metformin and sulodexide restore cardiac microvascular perfusion capacity in diet-induced obese rats. <i>Cardiovascular Diabetology</i> , 2017, 16, 47.	2.7	23
50	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
51	Independent tissue contributors to obesity-associated insulin resistance. <i>JCI Insight</i> , 2017, 2, .	2.3	25
52	Head orientation should be considered in ultrasound studies on carotid artery distensibility. <i>Journal of Hypertension</i> , 2016, 34, 1551-1555.	0.3	11
53	Dynamic Contrast-Enhanced MRI to Study Atherosclerotic Plaque Microvasculature. <i>Current Atherosclerosis Reports</i> , 2016, 18, 33.	2.0	16
54	Carotid plaque fissure: An underestimated source of intraplaque hemorrhage. <i>Atherosclerosis</i> , 2016, 254, 102-108.	0.4	36

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55	Imaging Intraplaque Inflammation in Carotid Atherosclerosis With <sup>18</sup> F-Fluorocholine Positron Emission Tomography-Computed Tomography. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	1.3	43
56	Mitochondrial Function and Diabetes: Consequences for Skeletal and Cardiac Muscle Metabolism. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 39-51.	2.5	43
57	Acute exercise does not decrease liver fat in men with overweight or NAFLD. <i>Scientific Reports</i> , 2015, 5, 9709.	1.6	30
58	Phase-based vascular input function: Improved quantitative DCE-MRI of atherosclerotic plaques. <i>Medical Physics</i> , 2015, 42, 4619-4628.	1.6	6
59	Early impairment of coronary microvascular perfusion capacity in rats on a high fat diet. <i>Cardiovascular Diabetology</i> , 2015, 14, 150.	2.7	20
60	MRS: a noninvasive window into cardiac metabolism. <i>NMR in Biomedicine</i> , 2015, 28, 747-766.	1.6	26
61	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
62	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
63	Plaque Components in Symptomatic Moderately Stenosed Carotid Arteries Related to Cerebral Infarcts. <i>Stroke</i> , 2015, 46, 568-571.	1.0	15
64	Use of Antiplatelet Agents Is Associated With Intraplaque Hemorrhage on Carotid Magnetic Resonance Imaging. <i>Stroke</i> , 2015, 46, 3411-3415.	1.0	26
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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

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73	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
74	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
75	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
76	P502 Supplementing 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
77	Long $\alpha$ echo time MR spectroscopy for skeletal muscle acetylcarnitine detection. <i>Journal of Clinical Investigation</i> , 2014, 124, 4915-4925.	3.9	54
78	High field carotid vessel wall imaging: A study on reproducibility. <i>European Journal of Radiology</i> , 2013, 82, 680-685.	1.2	15
79	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
80	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
81	Dynamic Contrast-enhanced MR Imaging of Carotid Atherosclerotic Plaque: Model Selection, Reproducibility, and Validation. <i>Radiology</i> , 2013, 266, 271-279.	3.6	79
82	Automated registration of multispectral MR vessel wall images of the carotid artery. <i>Medical Physics</i> , 2013, 40, 121904.	1.6	18
83	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
84	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
85	Clinical Perspectives of Hybrid Proton-Fluorine Magnetic Resonance Imaging and Spectroscopy. <i>Investigative Radiology</i> , 2013, 48, 341-350.	3.5	24
86	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
87	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
88	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
89	Longitudinal MRI Study on the Natural History of Carotid Artery Plaques in Symptomatic Patients. <i>PLoS ONE</i> , 2012, 7, e42472.	1.1	31
90	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

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91	Wear and Tear—Editorials published in JACC: Cardiovascular Imaging reflect the views of the authors and do not necessarily represent the views of JACC: Cardiovascular Imaging or the American College of Cardiology. JACC: Cardiovascular Imaging, 2011, 4, 478-480.	2.3	0
92	Association between Carotid Plaque Characteristics and Cerebral White Matter Lesions: One-Year Follow-Up Study by MRI. PLoS ONE, 2011, 6, e17070.	1.1	24
93	Exercise-induced modulation of cardiac lipid content in healthy lean young men. Basic Research in Cardiology, 2011, 106, 307-315.	2.5	37
94	Cardiac lipid content is unresponsive to a physical activity training intervention in type 2 diabetic patients, despite improved ejection fraction. Cardiovascular Diabetology, 2011, 10, 47.	2.7	40
95	Potential of Integrated [ <sup>18</sup> F] Fluorodeoxyglucose Positron-Emission Tomography/CT in Identifying Vulnerable Carotid Plaques. American Journal of Neuroradiology, 2011, 32, 950-954.	1.2	41
96	Time-Efficient Black Blood RCA Wall Imaging at 3T Using Improved Motion Sensitized Driven Equilibrium (IMSDE): Feasibility and Reproducibility. PLoS ONE, 2011, 6, e26567.	1.1	16
97	Noninvasive Imaging of Carotid Atherosclerosis. , 2011, , 497-525.		0
98	Gadofosveset-Enhanced Magnetic Resonance Imaging of Human Carotid Atherosclerotic Plaques. Investigative Radiology, 2010, 45, 275-281.	3.5	47
99	Carotid Plaques in Transient Ischemic Attack and Stroke Patients. Investigative Radiology, 2010, 45, 803-809.	3.5	20
100	Visualization of Coronary Wall Atherosclerosis in Asymptomatic Subjects and Patients with Coronary Artery Disease Using Magnetic Resonance Imaging. PLoS ONE, 2010, 5, e12998.	1.1	23
101	Leukocyte Counts, Myeloperoxidase, and Pregnancy-Associated Plasma Protein A as Biomarkers for Cardiovascular Disease: Towards a Multi-Biomarker Approach. International Journal of Vascular Medicine, 2010, 2010, 1-9.	0.4	20
102	Symptomatic Patients With Mild and Moderate Carotid Stenosis. Stroke, 2010, 41, 1389-1393.	1.0	45
103	Improved Ejection Fraction after Exercise Training in Obesity Is Accompanied by Reduced Cardiac Lipid Content. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 1932-1938.	1.8	63
104	Hyperintense Carotid Plaque on T <sub>2</sub> -Weighted Turbo-Field Echo MRI in Symptomatic Patients with Low-Grade Carotid Stenosis and Carotid Occlusion. Cerebrovascular Diseases, 2010, 30, 221-229.	0.8	4
105	Development of Carotid Intraplaque Hemorrhage Demonstrated by Serial Magnetic Resonance Imaging. Circulation, 2009, 120, 1637-1639.	1.6	4
106	Reproducibility of Fibrous Cap Status Assessment of Carotid Artery Plaques by Contrast-Enhanced MRI. Stroke, 2009, 40, 3017-3021.	1.0	50
107	Multimodality Imaging of Carotid Artery Plaques. Stroke, 2009, 40, 3718-3724.	1.0	60
108	Molecular MRI of Early Thrombus Formation Using a Bimodal t-2-Antiplasmin-Based Contrast Agent. JACC: Cardiovascular Imaging, 2009, 2, 987-996.	2.3	60

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109	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
110	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
111	Comparison of single-echo 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
112	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
113	Cognitive fMRI and soluble telencephalin assessment in patients with localization-related epilepsy. <i>Acta Neurologica Scandinavica</i> , 2008, 118, 232-239.	1.0	8
114	Impaired Skeletal Muscle Substrate Oxidation in Glucose-intolerant Men Improves After Weight Loss. <i>Obesity</i> , 2008, 16, 1025-1032.	1.5	73
115	Short- and long-term limbic abnormalities after experimental febrile seizures. <i>Neurobiology of Disease</i> , 2008, 32, 293-301.	2.1	22
116	Cognitive fMRI and neuropsychological assessment in patients with secondarily generalized seizures. <i>Clinical Neurology and Neurosurgery</i> , 2008, 110, 441-450.	0.6	13
117	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
118	Identifying vulnerable carotid plaques by noninvasive imaging. <i>Neurology</i> , 2008, 70, 2401-2409.	1.5	60
119	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
120	The Emerging Role of USPIOs for MR Imaging of Atherosclerosis. , 2008, , 63-90.		2
121	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
122	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
123	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
124	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
125	Is there more than C-reactive protein and fibrinogen?. <i>Atherosclerosis</i> , 2006, 187, 18-25.	0.4	73
126	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



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127	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
128	Intramyocellular Lipid Content in Human Skeletal Muscle. <i>Obesity</i> , 2006, 14, 357-367.	1.5	156
129	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
130	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
131	<sup>1</sup> H MR Spectroscopy of the Brain: Absolute Quantification of Metabolites. <i>Radiology</i> , 2006, 240, 318-332.	3.6	371
132	Magnetic resonance imaging of atherosclerosis. <i>European Radiology</i> , 2005, 15, 1087-1099.	2.3	54
133	Intramyocellular Lipid Content and Molecular Adaptations in Response to a 1-Week High-Fat Diet. <i>Obesity</i> , 2005, 13, 2088-2094.	4.0	89
134	Assessment of Human Atherosclerotic Carotid Plaque Components with Multisequence MR Imaging: Initial Experience. <i>Radiology</i> , 2005, 234, 487-492.	3.6	142
135	Impaired $\beta$ -adrenergically mediated lipolysis in skeletal muscle of obese subjects. <i>Diabetologia</i> , 2004, 47, 1462-8.	2.9	29
136	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
137	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
138	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
139	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
140	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
141	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
142	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
143	High-pressure Raman investigation of mutual solubility and compound formation in Xe-N <sub>2</sub> and Ne-N <sub>2</sub> . <i>Physical Review B</i> , 1999, 60, 12635-12643.	1.1	8
144	Vibrational Spectra of Nitrogen in Simple Mixtures at High Pressures. <i>International Journal of Thermophysics</i> , 1999, 20, 867-876.	1.0	11

#	ARTICLE	IF	CITATIONS
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146	Title is missing!. <i>Journal of Low Temperature Physics</i> , 1998, 111, 349-355.	0.6	1
147	The system CO <sub>2</sub> -N <sub>2</sub> at high pressure and applications to fluid inclusions. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 2837-2843.	1.6	9
148	The vibrational frequency of nitrogen near the fluid–solid transition in the pure substance and in mixtures. <i>Journal of Chemical Physics</i> , 1998, 108, 2695-2702.	1.2	16
149	Raman spectra and phase behavior of the mixed solid N <sub>2</sub> –Ar at high pressure. <i>Physical Review B</i> , 1998, 57, 10407-10413.	1.1	6