BegoÃ±a Lavin Plaza

List of Publications by Year
in descending order

27 papers	579 citations	623734 14 h-index	642732 23 g-index
27 all docs	27 docs citations	27 times ranked	1025 citing authors

#	Article	IF	Citations
1	Simultaneous comprehensive liver T₁, T₂, , T_{1Ï}, and fat fraction characterization with MR fingerprinting. Magnetic Resonance in Medicine, 2022, 87, 1980-1991.	3.0	15
2	Simultaneous T₁, T₂, and T_{1Ï} cardiac magnetic resonance fingerprinting for contrast agentâ€“free myocardial tissue characterization. Magnetic Resonance in Medicine, 2022, 87, 1992-2002.	3.0	21
3	Myocardial T1, T2, T2*, and fat fraction quantification via lowâ€rank motionâ€corrected cardiac MR fingerprinting. Magnetic Resonance in Medicine, 2022, 87, 2757-2774.	3.0	21
4	Isolation and Culturing of Mouse and Human Macrophages. Methods in Molecular Biology, 2022, 2419, 113-124.	0.9	1
5	Assessment of hepatic fatty acids during non-alcoholic steatohepatitis progression using magnetic resonance spectroscopy. Annals of Hepatology, 2021, 25, 100358.	1.5	3
6	Imaging of Dysfunctional Elastogenesis in Atherosclerosis Using an Improved Gadolinium-Based Tetrameric MRI Probe Targeted to Tropoelastin. Journal of Medicinal Chemistry, 2021, 64, 15250-15261.	6.4	2
7	Quantitative MRI of Endothelial Permeability and (Dys)function in Atherosclerosis. Journal of Visualized Experiments, 2021, , .	0.3	2
8	Tropoelastin: an in vivo imaging marker of dysfunctional matrix turnover during abdominal aortic dilation. Cardiovascular Research, 2020, 116, 995-1005.	3.8	10
9	Waterâ€“fat Dixon cardiac magnetic resonance fingerprinting. Magnetic Resonance in Medicine, 2020, 83, 2107-2123.	3.0	48
10	Sustained Focal Vascular Inflammation Accelerates Atherosclerosis in Remote Arteries. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2159-2170.	2.4	13
11	Targeted Molecular Iron Oxide Contrast Agents for Imaging Atherosclerotic Plaque. Nanotheranostics, 2020, 4, 184-194.	5.2	20
12	Atherosclerotic Plaque Imaging. Contemporary Cardiology, 2019, , 229-248.	0.1	0
13	Molecular Imaging in Ischemic Heart Disease. Current Cardiovascular Imaging Reports, 2019, 12, 31.	0.6	2
14	Molecular imaging of cardiac remodelling after myocardial infarction. Basic Research in Cardiology, 2018, 113, 10.	5.9	88
15	Simultaneous Assessment of Cardiac Inflammation and Extracellular Matrix Remodeling After Myocardial Infarction. Circulation: Cardiovascular Imaging, 2018, 11, .	2.6	30
16	Tropoelastin. Circulation: Cardiovascular Imaging, 2018, 11, .	2.6	25
17	MRI with gadofosveset: A potential marker for permeability in myocardial infarction. Atherosclerosis, 2018, 275, 400-408.	0.8	15
18	Increased Vascular Permeability Measured With an Albumin-Binding Magnetic Resonance Contrast Agent Is a Surrogate Marker of Rupture-Prone Atherosclerotic Plaque. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	22

#	Article	IF	Citations
19	Aspirinâ€induced histone acetylation in endothelial cells enhances synthesis of the secreted isoform of netrinâ€1 thus inhibiting monocyte vascular infiltration. British Journal of Pharmacology, 2015, 172, 3548-3564.	5.4	39
20	Assessment of Myocardial Remodeling Using an Elastin/Tropoelastin Specific Agent with High Field Magnetic Resonance Imaging (MRI). Journal of the American Heart Association, 2015, 4, e001851.	3.7	34
21	Monitoring Vascular Permeability and Remodeling After Endothelial Injury in a Murine Model Using a Magnetic Resonance Albumin-Binding Contrast Agent. Circulation: Cardiovascular Imaging, 2015, 8, .	2.6	13
22	Inhibition of MYC in macrophages: tumor vs inflammation-related diseases. OncoImmunology, 2014, 3, e956013.	4.6	5
23	Nitric Oxide Prevents Aortic Neointimal Hyperplasia by Controlling Macrophage Polarization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1739-1746.	2.4	44
24	Current Development of Molecular Coronary Plaque Imaging using Magnetic Resonance Imaging towards Clinical Application. Current Cardiovascular Imaging Reports, 2014, 7, 1.	0.6	1
25	NOD1 Activation Induces Cardiac Dysfunction and Modulates Cardiac Fibrosis and Cardiomyocyte Apoptosis. PLoS ONE, 2012, 7, e45260.	2.5	39
26	The extracellular matrix metalloproteinase inducer EMMPRIN is a target of nitric oxide in myocardial ischemia/reperfusion. Free Radical Biology and Medicine, 2011, 51, 387-395.	2.9	23
27	Nitric Oxide Induces the Progression of Abdominal Aortic Aneurysms through the Matrix Metalloproteinase Inducer EMMPRIN. American Journal of Pathology, 2009, 175, 1421-1430.	3.8	43