

Begoña Lavin Plaza

List of Publications by Year in descending order

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Version: 2024-02-01

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	Molecular imaging of cardiac remodelling after myocardial infarction. <i>Basic Research in Cardiology</i> , 2018, 113, 10.	5.9	88
2	Water-fat Dixon cardiac magnetic resonance fingerprinting. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 2107-2123.	3.0	48
3	Nitric Oxide Prevents Aortic Neointimal Hyperplasia by Controlling Macrophage Polarization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1739-1746.	2.4	44
4	Nitric Oxide Induces the Progression of Abdominal Aortic Aneurysms through the Matrix Metalloproteinase Inducer EMMPRIN. <i>American Journal of Pathology</i> , 2009, 175, 1421-1430.	3.8	43
5	NOD1 Activation Induces Cardiac Dysfunction and Modulates Cardiac Fibrosis and Cardiomyocyte Apoptosis. <i>PLoS ONE</i> , 2012, 7, e45260.	2.5	39
6	Aspirin-induced histone acetylation in endothelial cells enhances synthesis of the secreted isoform of netrin-1 thus inhibiting monocyte vascular infiltration. <i>British Journal of Pharmacology</i> , 2015, 172, 3548-3564.	5.4	39
7	Assessment of Myocardial Remodeling Using an Elastin/Tropoelastin Specific Agent with High Field Magnetic Resonance Imaging (MRI). <i>Journal of the American Heart Association</i> , 2015, 4, e001851.	3.7	34
8	Simultaneous Assessment of Cardiac Inflammation and Extracellular Matrix Remodeling After Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, .	2.6	30
9	Tropoelastin. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, .	2.6	25
10	The extracellular matrix metalloproteinase inducer EMMPRIN is a target of nitric oxide in myocardial ischemia/reperfusion. <i>Free Radical Biology and Medicine</i> , 2011, 51, 387-395.	2.9	23
11	Increased Vascular Permeability Measured With an Albumin-Binding Magnetic Resonance Contrast Agent Is a Surrogate Marker of Rupture-Prone Atherosclerotic Plaque. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	2.6	22
12	Simultaneous T ₁ , T ₂ , and T ₁ ^ρ cardiac magnetic resonance fingerprinting for contrast agent-free myocardial tissue characterization. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1992-2002.	3.0	21
13	Myocardial T ₁ , T ₂ , T ₂ [*] , and fat fraction quantification via low-rank motion-corrected cardiac MR fingerprinting. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 2757-2774.	3.0	21
14	Targeted Molecular Iron Oxide Contrast Agents for Imaging Atherosclerotic Plaque. <i>Nanotheranostics</i> , 2020, 4, 184-194.	5.2	20
15	MRI with gadofosveset: A potential marker for permeability in myocardial infarction. <i>Atherosclerosis</i> , 2018, 275, 400-408.	0.8	15
16	Simultaneous comprehensive liver T ₁ , T ₂ , T ₁ ^ρ , and fat fraction characterization with MR fingerprinting. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1980-1991.	3.0	15
17	Monitoring Vascular Permeability and Remodeling After Endothelial Injury in a Murine Model Using a Magnetic Resonance Albumin-Binding Contrast Agent. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	2.6	13
18	Sustained Focal Vascular Inflammation Accelerates Atherosclerosis in Remote Arteries. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2159-2170.	2.4	13

#	ARTICLE	IF	CITATIONS
19	Tropoelastin: an in vivo imaging marker of dysfunctional matrix turnover during abdominal aortic dilation. <i>Cardiovascular Research</i> , 2020, 116, 995-1005.	3.8	10
20	Inhibition of MYC in macrophages: tumor vs inflammation-related diseases. <i>Oncolmmunology</i> , 2014, 3, e956013.	4.6	5
21	Assessment of hepatic fatty acids during non-alcoholic steatohepatitis progression using magnetic resonance spectroscopy. <i>Annals of Hepatology</i> , 2021, 25, 100358.	1.5	3
22	Molecular Imaging in Ischemic Heart Disease. <i>Current Cardiovascular Imaging Reports</i> , 2019, 12, 31.	0.6	2
23	Imaging of Dysfunctional Elastogenesis in Atherosclerosis Using an Improved Gadolinium-Based Tetrameric MRI Probe Targeted to Tropoelastin. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15250-15261.	6.4	2
24	Quantitative MRI of Endothelial Permeability and (Dys)function in Atherosclerosis. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	2
25	Current Development of Molecular Coronary Plaque Imaging using Magnetic Resonance Imaging towards Clinical Application. <i>Current Cardiovascular Imaging Reports</i> , 2014, 7, 1.	0.6	1
26	Isolation and Culturing of Mouse and Human Macrophages. <i>Methods in Molecular Biology</i> , 2022, 2419, 113-124.	0.9	1
27	Atherosclerotic Plaque Imaging. <i>Contemporary Cardiology</i> , 2019, , 229-248.	0.1	0