Jose Vilar

List of Publications by Year
in descending order

49 papers	3,910 citations	126907 33 h-index	197818 49 g-index
51 all docs	51 docs citations	51 times ranked	6255 citing authors

#	Article	IF	Citations
1	Splenic Marginal Zone B Lymphocytes Regulate Cardiac Remodeling After Acute Myocardial Infarction in Mice. Journal of the American College of Cardiology, 2022, 79, 632-647.	2.8	22
2	Extracellular vesicles from human cardiovascular progenitors trigger a reparative immune response in infarcted hearts. Cardiovascular Research, 2021, 117, 292-307.	3.8	57
3	Endothelial Cell Indoleamine 2, 3-Dioxygenase 1 Alters Cardiac Function After Myocardial Infarction Through Kynurenine. Circulation, 2021, 143, 566-580.	1.6	33
4	Cytotoxic CD8+ T cells promote granzyme B-dependent adverse post-ischemic cardiac remodeling. Nature Communications, 2021, 12, 1483.	12.8	73
5	Dynamics of Cardiac Neutrophil Diversity in Murine Myocardial Infarction. Circulation Research, 2020, 127, e232-e249.	4.5	122
6	Iron Regulator Hepcidin Impairs Macrophage-Dependent Cardiac Repair After Injury. Circulation, 2019, 139, 1530-1547.	1.6	48
7	Intra-Cardiac Release of Extracellular Vesicles Shapes Inflammation Following Myocardial Infarction. Circulation Research, 2018, 123, 100-106.	4.5	181
8	Genetic Depletion or Hyperresponsiveness of Natural Killer Cells Do Not Affect Atherosclerosis Development. Circulation Research, 2018, 122, 47-57.	4.5	41
9	Selective EGFR (Epidermal Growth Factor Receptor) Deletion in Myeloid Cells Limits Atherosclerosisâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 114-119.	2.4	29
10	Gingival fibroblasts protect against experimental abdominal aortic aneurysm development and rupture through tissue inhibitor of metalloproteinase-1 production. Cardiovascular Research, 2017, 113, 1364-1375.	3.8	18
11	Monocytes/Macrophages Mobilization Orchestrate Neovascularization after Localized Colorectal Irradiation. Radiation Research, 2017, 187, 549-561.	1.5	9
12	Effect of normovolemic hematocrit changes on blood pressure and flow. Life Sciences, 2016, 157, 62-66.	4.3	8
13	Mast cells regulate myofilament calcium sensitization and heart function after myocardial infarction. Journal of Experimental Medicine, 2016, 213, 1353-1374.	8.5	97
14	Biomarkers of vascular dysfunction and cognitive decline in patients with Alzheimerâ€™s disease: no evidence for association in elderly subjects. Aging Clinical and Experimental Research, 2016, 28, 1133-1141.	2.9	11
15	Myeloid-Epithelial-Reproductive Receptor Tyrosine Kinase and Milk Fat Globule Epidermal Growth Factor 8 Coordinately Improve Remodeling After Myocardial Infarction via Local Delivery of Vascular Endothelial Growth Factor. Circulation, 2016, 133, 826-839.	1.6	113
16	CX3CR1 deficiency promotes muscle repair and regeneration by enhancing macrophage ApoE production. Nature Communications, 2015, 6, 8972.	12.8	54
17	Deletion of Chromosome 9p21 Noncoding Cardiovascular Risk Interval in Mice Alters Smad2 Signaling and Promotes Vascular Aneurysm. Circulation: Cardiovascular Genetics, 2014, 7, 799-805.	5.1	10
18	Red blood cell deformability is very slightly decreased in erythropoietin deficient mice. Clinical Hemorheology and Microcirculation, 2014, 56, 41-46.	1.7	3

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19	HIF-Prolyl Hydroxylase 2 Inhibition Enhances the Efficiency of Mesenchymal Stem Cell-Based Therapies for the Treatment of Critical Limb Ischemia. Stem Cells, 2014, 32, 231-243.	3.2	41
20	MicroRNA-21 Coordinates Human Multipotent Cardiovascular Progenitors Therapeutic Potential. Stem Cells, 2014, 32, 2908-2922.	3.2	30
21	B lymphocytes trigger monocyte mobilization and impair heart function after acute myocardial infarction. Nature Medicine, 2013, 19, 1273-1280.	30.7	422
22	Evaluation of Rat Heart Microvasculature with High-Spatial-Resolution Susceptibility-weighted MR Imaging. Radiology, 2013, 269, 277-282.	7.3	3
23	Homeostatic and Tissue Reparation Defaults in Mice Carrying Selective Genetic Invalidation of CXCL12/Proteoglycan Interactions. Circulation, 2012, 126, 1882-1895.	1.6	55
24	Sympathetic Nervous System Regulates Bone Marrowâ€"Derived Cell Egress Through Endothelial Nitric Oxide Synthase Activation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 643-653.	2.4	33
25	The Chemokine Decoy Receptor D6 Prevents Excessive Inflammation and Adverse Ventricular Remodeling After Myocardial Infarction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2206-2213.	2.4	78
26	C/EBP Homologous Protein-10 (CHOP-10) Limits Postnatal Neovascularization Through Control of Endothelial Nitric Oxide Synthase Gene Expression. Circulation, 2012, 125, 1014-1026.	1.6	40
27	Ephrin-B2-Activated Peripheral Blood Mononuclear Cells From Diabetic Patients Restore Diabetes-Induced Impairment of Postischemic Neovascularization. Diabetes, 2012, 61, 2621-2632.	0.6	26
28	Endothelial Nitric Oxide Synthase Overexpression Restores the Efficiency of Bone Marrow Mononuclear Cell-Based Therapy. American Journal of Pathology, 2011, 178, 55-60.	3.8	26
29	Regulation of monocyte subset systemic levels by distinct chemokine receptors controls post-ischaemic neovascularization. Cardiovascular Research, 2010, 88, 186-195.	3.8	63
30	B cell depletion reduces the development of atherosclerosis in mice. Journal of Experimental Medicine, 2010, 207, 1579-1587.	8.5	375
31	Small Interfering RNAs Induce Target-Independent Inhibition of Tumor Growth and Vasculature Remodeling in a Mouse Model of Hepatocellular Carcinoma. American Journal of Pathology, 2010, 177, 3192-3201.	3.8	54
32	Inhibition of Prolyl Hydroxylase Domain Proteins Promotes Therapeutic Revascularization. Circulation, 2009, 120, 50-59.	1.6	73
33	Angiotensinogen Delays Angiogenesis and Tumor Growth of Hepatocarcinoma in Transgenic Mice. Cancer Research, 2009, 69, 2853-2860.	0.9	56
34	Regulatory T Cells Modulate Postischemic Neovascularization. Circulation, 2009, 120, 1415-1425.	1.6	82
35	Microparticles From Ischemic Muscle Promotes Postnatal Vasculogenesis. Circulation, 2009, 119, 2808-2817.	1.6	118
36	Combination of the Angiotensin-Converting Enzyme Inhibitor Perindopril and the Diuretic Indapamide Activate Postnatal Vasculogenesis in Spontaneously Hypertensive Rats. Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 766-773.	2.5	33

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37	Hypertension Impairs Postnatal Vasculogenesis. Hypertension, 2008, 51, 1537-1544.	2.7	55
38	Ex Vivo Priming of Endothelial Progenitor Cells With SDF-1 Before Transplantation Could Increase Their Proangiogenic Potential. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 644-650.	2.4	174
39	Chronic Hypoxiaâ€"Induced Angiogenesis Normalizes Blood Pressure in Spontaneously Hypertensive Rats. Circulation Research, 2008, 103, 761-769.	4.5	35
40	Role of human smooth muscle cell progenitors in atherosclerotic plaque development and composition. Cardiovascular Research, 2007, 77, 471-480.	3.8	80
41	High Pressure Promotes Monocyte Adhesion to the Vascular Wall. Circulation Research, 2007, 100, 1226-1233.	4.5	47
42	NADPH Oxidase-Derived Overproduction of Reactive Oxygen Species Impairs Postischemic Neovascularization in Mice with Type 1 Diabetes. American Journal of Pathology, 2006, 169, 719-728.	3.8	154
43	Increase in Vascular Permeability and Vasodilation Are Critical for Proangiogenic Effects of Stem Cell Therapy. Circulation, 2006, 114, 328-338.	1.6	84
44	Bradycardia and Slowing of the Atrioventricular Conduction in Mice Lacking Ca V 3.1/Î± 1G T-Type Calcium Channels. Circulation Research, 2006, 98, 1422-1430.	4.5	275
45	Tetrapeptide AcSDKP Induces Postischemic Neovascularization Through Monocyte Chemoattractant Protein-1 Signaling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 773-779.	2.4	28
46	Midkine Is Involved in Kidney Development and in Its Regulation by Retinoids. Journal of the American Society of Nephrology: JASN, 2002, 13, 668-676.	6.1	44
47	Role of retinoids in renal development: pathophysiological implication. Current Opinion in Nephrology and Hypertension, 1999, 8, 39-43.	2.0	49
48	Mild vitamin A deficiency leads to inborn nephron deficit in the rat. Kidney International, 1998, 54, 1455-1462.	5.2	238
49	Metanephros organogenesis is highly stimulated by vitamin A derivatives in organ culture. Kidney International, 1996, 49, 1478-1487.	5.2	99