Xavier Loyer

List of Publications by Year
in descending order

49 papers	11,362 citations	147801 31 h-index	189892 50 g-index
53 all docs	53 docs citations	53 times ranked	18469 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	Adipocyteâ€derived extracellular vesicles in health and diseases: Nanoâ€packages with vast biological properties. FASEB BioAdvances, 2021, 3, 407-419.	2.4	9
3	Messages from the heart. European Heart Journal, 2021, 42, 2793-2795.	2.2	1
4	The power of imaging to understand extracellular vesicle biology in vivo. Nature Methods, 2021, 18, 1013-1026.	19.0	163
5	A defect in endothelial autophagy occurs in patients with non-alcoholic steatohepatitis and promotes inflammation and fibrosis. Journal of Hepatology, 2020, 72, 528-538.	3.7	113
6	Pleiotropic cardiac functions controlled by ischemia-induced lncRNA H19. Journal of Molecular and Cellular Cardiology, 2020, 146, 43-59.	1.9	12
7	Long Noncoding RNA-Enriched Vesicles Secreted by Hypoxic Cardiomyocytes Drive Cardiac Fibrosis. Molecular Therapy - Nucleic Acids, 2019, 18, 363-374.	5.1	83
8	Neuronal NO synthase mediates plenylephrine induced cardiomyocyte hypertrophy through facilitation of NFAT-dependent transcriptional activity. Biochemistry and Biophysics Reports, 2019, 18, 100620.	1.3	1
9	Differential micro-RNA expression in diabetic patients with abdominal aortic aneurysm. Biochimie, 2019, 162, 1-7.	2.6	14
10	MicroRNA-21 Deficiency Alters the Survival of Ly-6C ^{lo} Monocytes in ApoE ^{â^'/â^'} Mice and Reduces Early-Stage Atherosclerosisâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 170-177.	2.4	20
11	Intra-Cardiac Release of Extracellular Vesicles Shapes Inflammation Following Myocardial Infarction. Circulation Research, 2018, 123, 100-106.	4.5	181
12	Endothelial autophagic flux hampers atherosclerotic lesion development. Autophagy, 2018, 14, 173-175.	9.1	24
13	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. Journal of Extracellular Vesicles, 2018, 7, 1535750.	12.2	6,961
14	Extracellular vesicles in coronary artery disease. Nature Reviews Cardiology, 2017, 14, 259-272.	13.7	392
15	The Dendritic Cell Receptor DNGR-1 Promotes the Development of Atherosclerosis in Mice. Circulation Research, 2017, 121, 234-243.	4.5	30
16	Autophagy is required for endothelial cell alignment and atheroprotection under physiological blood flow. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8675-E8684.	7.1	156
17	Genetic and pharmacological inhibition of microRNA-92a maintains podocyte cell cycle quiescence and limits crescentic glomerulonephritis. Nature Communications, 2017, 8, 1829.	12.8	50
18	Angiotensin II synergizes with BAFF to promote atheroprotective regulatory B cells. Scientific Reports, 2017, 7, 4111.	3.3	28

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19	Atorvastatin reduces Î²-Adrenergic dysfunction in rats with diabetic cardiomyopathy. PLoS ONE, 2017, 12, e0180103.	2.5	14
20	Genetic and Pharmacological Inhibition of TREM-1 Limits the Development of Experimental Atherosclerosis. Journal of the American College of Cardiology, 2016, 68, 2776-2793.	2.8	76
21	Cardiovascular progenitorâ€“derived extracellular vesicles recapitulate the beneficial effects of their parent cells in the treatment of chronic heart failure. Journal of Heart and Lung Transplantation, 2016, 35, 795-807.	0.6	161
22	Liver microRNA-21 is overexpressed in non-alcoholic steatohepatitis and contributes to the disease in experimental models by inhibiting PPARÎ± expression. Gut, 2016, 65, 1882-1894.	12.1	140
23	Bone-marrow-derived very small embryonic-like stem cells in patients with critical leg ischaemia: evidence of vasculogenic potential. Thrombosis and Haemostasis, 2015, 113, 1084-1094.	3.4	79
24	Mechanosensitive PPAP2B Regulates Endothelial Responses to Atherorelevant Hemodynamic Forces. Circulation Research, 2015, 117, e41-e53.	4.5	75
25	Extracellular vesicles as new pharmacological targets to treat atherosclerosis. European Journal of Pharmacology, 2015, 763, 90-103.	3.5	62
26	Angiotensin II Mobilizes Spleen Monocytes to Promote the Development of Abdominal Aortic Aneurysm in Apoe ^{â^'/â^'} Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 378-388.	2.4	79
27	MicroRNAs as therapeutic targets in atherosclerosis. Expert Opinion on Therapeutic Targets, 2015, 19, 489-496.	3.4	33
28	MicroRNAs as non-invasive biomarkers of heart transplant rejection. European Heart Journal, 2014, 35, 3194-3202.	2.2	170
29	Microvesicles as Cellâ€“Cell Messengers in Cardiovascular Diseases. Circulation Research, 2014, 114, 345-353.	4.5	348
30	Inhibition of MicroRNA-92a Prevents Endothelial Dysfunction and Atherosclerosis in Mice. Circulation Research, 2014, 114, 434-443.	4.5	317
31	MicroRNA-21 Coordinates Human Multipotent Cardiovascular Progenitors Therapeutic Potential. Stem Cells, 2014, 32, 2908-2922.	3.2	30
32	MiR-378 Controls Cardiac Hypertrophy by Combined Repression of Mitogen-Activated Protein Kinase Pathway Factors. Circulation, 2013, 127, 2097-2106.	1.6	203
33	Group X Secreted Phospholipase A2 Limits the Development of Atherosclerosis in LDL Receptorâ€“Null Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 466-473.	2.4	60
34	MiR-223 is dispensable for platelet production and function in mice. Thrombosis and Haemostasis, 2013, 110, 1207-1214.	3.4	31
35	Shear Stress Regulates Endothelial Microparticle Release. Circulation Research, 2013, 112, 1323-1333.	4.5	143
36	Natural Regulatory T Cells Limit Angiotensin IIâ€“Induced Aneurysm Formation and Rupture in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2374-2379.	2.4	94

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37	ACE Inhibition Prevents Diastolic Ca2+ Overload and Loss of Myofilament Ca2+ Sensitivity after Myocardial Infarction. Current Molecular Medicine, 2012, 12, 206-217.	1.3	14
38	A phenotypic screen to identify hypertrophy-modulating microRNAs in primary cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2012, 52, 13-20.	1.9	104
39	MicroRNA-24 Regulates Vascularity After Myocardial Infarction. Circulation, 2011, 124, 720-730.	1.6	358
40	CONSTITUTIVE NITRIC OXIDE SYNTHASES IN THE HEART FROM HYPERTROPHY TO FAILURE. Clinical and Experimental Pharmacology and Physiology, 2008, 35, 483-488.	1.9	23
41	Tissue kallikrein deficiency aggravates cardiac remodelling and decreases survival after myocardial infarction in mice. European Journal of Heart Failure, 2008, 10, 343-351.	7.1	23
42	Cardiomyocyte Overexpression of Neuronal Nitric Oxide Synthase Delays Transition Toward Heart Failure in Response to Pressure Overload by Preserving Calcium Cycling. Circulation, 2008, 117, 3187-3198.	1.6	73
43	Preservation of the Positive Lusitropic Effect of Î²-Adrenoceptors Stimulation in Diabetic Cardiomyopathy. Anesthesia and Analgesia, 2008, 107, 1130-1138.	2.2	16
44	Involvement of Î²3-Adrenoceptor in Altered Î²-Adrenergic Response in Senescent Heart. Anesthesiology, 2008, 109, 1045-1053.	2.5	36
45	Effects of sex differences on constitutive nitric oxide synthase expression and activity in response to pressure overload in rats. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H2650-H2658.	3.2	23
46	17Î²-Estradiol Regulates Constitutive Nitric Oxide Synthase Expression Differentially in the Myocardium in Response to Pressure Overload. Endocrinology, 2007, 148, 4579-4584.	2.8	26
47	Altered Contractile Response due to Increased Î²3-Adrenoceptor Stimulation in Diabetic Cardiomyopathy. Anesthesiology, 2007, 107, 452-460.	2.5	63
48	Association of annexin A5 with Na+/Ca2+ exchanger and caveolin-3 in non-failing and failing human heart. Journal of Molecular and Cellular Cardiology, 2006, 40, 47-55.	1.9	36
49	Role of Myocardial Neuronal Nitric Oxide Synthaseâ€“Derived Nitric Oxide in Î²-Adrenergic Hyporesponsiveness After Myocardial Infarctionâ€“Induced Heart Failure in Rat. Circulation, 2004, 110, 2368-2375.	1.6	135