

Marie-Chlo Boulanger

List of Publications by Citations

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36
papers

1,252
citations

19
h-index

35
g-index

37
ext. papers

1,578
ext. citations

6.5
avg, IF

4.33
L-index

#	Paper	IF	Citations
36	Autotaxin Derived From Lipoprotein(a) and Valve Interstitial Cells Promotes Inflammation and Mineralization of the Aortic Valve. <i>Circulation</i> , 2015 , 132, 677-90	16.7	136
35	Altered DNA Methylation of Long Noncoding RNA H19 in Calcific Aortic Valve Disease Promotes Mineralization by Silencing NOTCH1. <i>Circulation</i> , 2016 , 134, 1848-1862	16.7	136
34	Inflammation is associated with the remodeling of calcific aortic valve disease. <i>Inflammation</i> , 2013 , 36, 573-81	5.1	123
33	Elevated expression of lipoprotein-associated phospholipase A2 in calcific aortic valve disease: implications for valve mineralization. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 460-9	15.1	84
32	P2Y2 receptor represses IL-6 expression by valve interstitial cells through Akt: implication for calcific aortic valve disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 72, 146-56	5.8	83
31	Basic mechanisms of calcific aortic valve disease. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 982-93	3.8	78
30	Innate and Adaptive Immunity in Calcific Aortic Valve Disease. <i>Journal of Immunology Research</i> , 2015 , 2015, 851945	4.5	59
29	Mechanical strain induces the production of spheroid mineralized microparticles in the aortic valve through a RhoA/ROCK-dependent mechanism. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 67, 49-59	5.8	50
28	OxLDL-derived lysophosphatidic acid promotes the progression of aortic valve stenosis through a LPAR1-RhoA-NF- κ B pathway. <i>Cardiovascular Research</i> , 2017 , 113, 1351-1363	9.9	48
27	A Mendelian randomization study of IL6 signaling in cardiovascular diseases, immune-related disorders and longevity. <i>Npj Genomic Medicine</i> , 2019 , 4, 23	6.2	45
26	High expression of the Pi-transporter SLC20A1/Pit1 in calcific aortic valve disease promotes mineralization through regulation of Akt-1. <i>PLoS ONE</i> , 2013 , 8, e53393	3.7	45
25	Molecular biology of calcific aortic valve disease: towards new pharmacological therapies. <i>Expert Review of Cardiovascular Therapy</i> , 2014 , 12, 851-62	2.5	39
24	The pathology and pathobiology of bicuspid aortic valve: State of the art and novel research perspectives. <i>Journal of Pathology: Clinical Research</i> , 2015 , 1, 195-206	5.3	37
23	Adenosine derived from ecto-nucleotidases in calcific aortic valve disease promotes mineralization through A2a adenosine receptor. <i>Cardiovascular Research</i> , 2015 , 106, 109-20	9.9	32
22	Angiotensin receptor blockers are associated with reduced fibrosis and interleukin-6 expression in calcific aortic valve disease. <i>Pathobiology</i> , 2014 , 81, 15-24	3.6	32
21	Activated platelets promote an osteogenic programme and the progression of calcific aortic valve stenosis. <i>European Heart Journal</i> , 2019 , 40, 1362-1373	9.5	30
20	Quinazoline-4-piperidine sulfamides are specific inhibitors of human NPP1 and prevent pathological mineralization of valve interstitial cells. <i>British Journal of Pharmacology</i> , 2015 , 172, 4189-99 ^{8.6}	8.6	25

19	Lipoprotein lipase in aortic valve stenosis is associated with lipid retention and remodelling. <i>European Journal of Clinical Investigation</i> , 2013 , 43, 570-8	4.6	23
18	Lp-PLA2 is associated with structural valve degeneration of bioprostheses. <i>European Journal of Clinical Investigation</i> , 2014 , 44, 136-45	4.6	22
17	DNA methylation of a PLPP3 MIR transposon-based enhancer promotes an osteogenic programme in calcific aortic valve disease. <i>Cardiovascular Research</i> , 2018 , 114, 1525-1535	9.9	19
16	Association between plasma lipoprotein levels and bioprosthetic valve structural degeneration. <i>Heart</i> , 2016 , 102, 1915-1921	5.1	19
15	Pathobiology of Lp(a) in calcific aortic valve disease. <i>Expert Review of Cardiovascular Therapy</i> , 2017 , 15, 797-807	2.5	17
14	Enhancer-mediated enrichment of interacting JMJD3-DDX21 to ENPP2 locus prevents R-loop formation and promotes transcription. <i>Nucleic Acids Research</i> , 2019 , 47, 8424-8438	20.1	13
13	Autotaxin and Lipoprotein Metabolism in Calcific Aortic Valve Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2019 , 6, 18	5.4	12
12	Synthesis and biological evaluation of novel quinazoline-4-piperidinesulfamide derivatives as inhibitors of NPP1. <i>European Journal of Medicinal Chemistry</i> , 2018 , 147, 130-149	6.8	11
11	Parathyroid hormone is associated with the LV mass after aortic valve replacement. <i>Heart</i> , 2014 , 100, 1859-64	5.1	8
10	Adenoviral protein E4orf4 interacts with the polarity protein Par3 to induce nuclear rupture and tumor cell death. <i>Journal of Cell Biology</i> , 2020 , 219,	7.3	7
9	Single-cell expression and Mendelian randomization analyses identify blood genes associated with lifespan and chronic diseases. <i>Communications Biology</i> , 2020 , 3, 206	6.7	5
8	Adenofection: A Method for Studying the Role of Molecular Chaperones in Cellular Morphodynamics by Depletion-Rescue Experiments. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	3
7	Soluble CD14 is associated with the structural failure of bioprostheses. <i>Clinica Chimica Acta</i> , 2018 , 485, 173-177	6.2	3
6	Enhancer-associated aortic valve stenosis risk locus 1p21.2 alters NFATC2 binding site and promotes fibrogenesis. <i>iScience</i> , 2021 , 24, 102241	6.1	3
5	Circulating Lp-PLA2 is associated with high valvuloarterial impedance and low arterial compliance in patients with aortic valve bioprostheses. <i>Clinica Chimica Acta</i> , 2016 , 455, 20-5	6.2	2
4	Genome-wide chromatin contacts of super-enhancer-associated lncRNA identify LINC01013 as a regulator of fibrosis in the aortic valve.. <i>PLoS Genetics</i> , 2022 , 18, e1010010	6	1
3	Oxyphospholipids in Cardiovascular Calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 11-19	9.4	1
2	System Genetics Including Causal Inference Identify Immune Targets for Coronary Artery Disease and the Lifespan. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003196	5.2	1

1 Molecular Mechanisms of Aortic Valve Pathology **2019**, 87-98