Kristine Y Deleon-Pennell

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63 papers	1,932 citations	27 h-index	43 g-index
76 ext. papers	2,531 ext. citations	5.4 avg, IF	5.14 L-index

#	Paper	IF	Citations
63	Temporal neutrophil polarization following myocardial infarction. *Cardiovascular Research*, **2016**, 110, 51-61	9.9	177
62	IL-10 improves cardiac remodeling after myocardial infarction by stimulating M2 macrophage polarization and fibroblast activation. *Basic Research in Cardiology*, **2017**, 112, 33	11.8	172
61	Mapping macrophage polarization over the myocardial infarction time continuum. *Basic Research in Cardiology*, **2018**, 113, 26	11.8	120
60	Matrix Metalloproteinases in Myocardial Infarction and Heart Failure. *Progress in Molecular Biology and Translational Science*, **2017**, 147, 75-100	4	116
59	A Novel Collagen Matricryptin Reduces Left Ventricular Dilation Post-Myocardial Infarction by Promoting Scar Formation and Angiogenesis. *Journal of the American College of Cardiology*, **2015**, 66, 1364-74	15.1	101
58	Fibroblast polarization over the myocardial infarction time continuum shifts roles from inflammation to angiogenesis. *Basic Research in Cardiology*, **2019**, 114, 6	11.8	72
57	Matrix metalloproteinases as input and output signals for post-myocardial infarction remodeling. *Journal of Molecular and Cellular Cardiology*, **2016**, 91, 134-40	5.8	67
56	LXR/RXR signaling and neutrophil phenotype following myocardial infarction classify sex differences in remodeling. *Basic Research in Cardiology*, **2018**, 113, 40	11.8	64
55	Understanding cardiac extracellular matrix remodeling to develop biomarkers of myocardial infarction outcomes. *Matrix Biology*, **2019**, 75-76, 43-57	11.4	64
54	Texas 3-step decellularization protocol: looking at the cardiac extracellular matrix. *Journal of Proteomics*, **2013**, 86, 43-52	3.9	62
53	CD36 Is a Matrix Metalloproteinase-9 Substrate That Stimulates Neutrophil Apoptosis and Removal During Cardiac Remodeling. *Circulation: Cardiovascular Genetics*, **2016**, 9, 14-25		61
52	Myocardial Infarction Superimposed on Aging: MMP-9 Deletion Promotes M2 Macrophage Polarization. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2016**, 71, 475-83	6.4	53
51	Building a better infarct: Modulation of collagen cross-linking to increase infarct stiffness and reduce left ventricular dilation post-myocardial infarction. *Journal of Molecular and Cellular Cardiology*, **2015**, 85, 229-39	5.8	52
50	Unassisted transport of N-acetyl-L-tryptophanamide through membrane: experiment and simulation of kinetics. *Journal of Physical Chemistry B*, **2012**, 116, 2739-50	3.4	51
49	Periodontal-induced chronic inflammation triggers macrophage secretion of Ccl12 to inhibit fibroblast-mediated cardiac wound healing. *JCI Insight*, **2017**, 2,	9.9	45
48	Early matrix metalloproteinase-9 inhibition post-myocardial infarction worsens cardiac dysfunction by delaying inflammation resolution. *Journal of Molecular and Cellular Cardiology*, **2016**, 100, 109-117	5.8	42
47	Neutrophil proteome shifts over the myocardial infarction time continuum. *Basic Research in Cardiology*, **2019**, 114, 37	11.8	41

46	Fibroblasts: The arbiters of extracellular matrix remodeling. *Matrix Biology*, **2020**, 91-92, 1-7	11.4	36
45	Helix formation in a pentapeptide: experiment and force-field dependent dynamics. *Journal of Physical Chemistry A*, **2010**, 114, 12391-402	2.8	36
44	Transition of Macrophages to Fibroblast-Like Cells in Healing Myocardial Infarction. *Journal of the American College of Cardiology*, **2019**, 74, 3124-3135	15.1	35
43	CD8 T-cells negatively regulate inflammation post-myocardial infarction. *American Journal of Physiology - Heart and Circulatory Physiology*, **2019**, 317, H581-H596	5.2	34
42	P. gingivalis lipopolysaccharide intensifies inflammation post-myocardial infarction through matrix metalloproteinase-9. *Journal of Molecular and Cellular Cardiology*, **2014**, 76, 218-26	5.8	34
41	Plasma Glycoproteomics Reveals Sepsis Outcomes Linked to Distinct Proteins in Common Pathways. *Critical Care Medicine*, **2015**, 43, 2049-2058	1.4	34
40	Circulating Porphyromonas gingivalis lipopolysaccharide resets cardiac homeostasis in mice through a matrix metalloproteinase-9-dependent mechanism. *Physiological Reports*, **2013**, 1, e00079	2.6	32
39	Knowledge gaps to understanding cardiac macrophage polarization following myocardial infarction. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2016**, 1862, 2288-2292	6.9	31
38	The circular relationship between matrix metalloproteinase-9 and inflammation following myocardial infarction. *IUBMB Life*, **2015**, 67, 611-8	4.7	30
37	Citrate synthase is a novel in vivo matrix metalloproteinase-9 substrate that regulates mitochondrial function in the postmyocardial infarction left ventricle. *Antioxidants and Redox Signaling*, **2014**, 21, 1974-85	8.4	29
36	Defining the sham environment for post-myocardial infarction studies in mice. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 311, H822-36	5.2	24
35	Cardiac extracellular proteome profiling and membrane topology analysis using glycoproteomics. *Proteomics - Clinical Applications*, **2014**, 8, 595-602	3.1	23
34	Proteomic analysis of the cardiac extracellular matrix: clinical research applications. *Expert Review of Proteomics*, **2018**, 15, 105-112	4.2	21
33	Exogenous CXCL4 infusion inhibits macrophage phagocytosis by limiting CD36 signalling to enhance post-myocardial infarction cardiac dilation and mortality. *Cardiovascular Research*, **2019**, 115, 395-408	9.9	18
32	Adaptive immunity-driven inflammation and cardiovascular disease. *American Journal of Physiology - Heart and Circulatory Physiology*, **2019**, 317, H1254-H1257	5.2	13
31	Exogenous IL-4 shuts off pro-inflammation in neutrophils while stimulating anti-inflammation in macrophages to induce neutrophil phagocytosis following myocardial infarction. *Journal of Molecular and Cellular Cardiology*, **2020**, 145, 112-121	5.8	12
30	Cell free DNA as a diagnostic and prognostic marker for cardiovascular diseases. *Clinica Chimica Acta*, **2020**, 503, 145-150	6.2	11
29	The Mouse Heart Attack Research Tool 1.0 database. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 315, H522-H530	5.2	11

28	Immune regulation of cardiac fibrosis post myocardial infarction. *Cellular Signalling*, **2021**, 77, 109837	4.9	10
27	Regulation of mitochondria function by natriuretic peptides. *American Journal of Physiology - Renal Physiology*, **2019**, 317, F1164-F1168	4.3	7
26	Differential effects of low-dose sacubitril and/or valsartan on renal disease in salt-sensitive hypertension. *American Journal of Physiology - Renal Physiology*, **2020**, 319, F63-F75	4.3	7
25	Structure and reorientational dynamics of angiotensin I and II: a microscopic physical insight. *Journal of Biomolecular Structure and Dynamics*, **2012**, 29, 671-90	3.6	7
24	Guidelines for in vivo mouse models of myocardial infarction. *American Journal of Physiology - Heart and Circulatory Physiology*, **2021**, 321, H1056-H1073	5.2	7
23	T-cell regulation of fibroblasts and cardiac fibrosis. *Matrix Biology*, **2020**, 91-92, 167-175	11.4	7
22	Glycoproteomic Profiling Provides Candidate Myocardial Infarction Predictors of Later Progression to Heart Failure. *ACS Omega*, **2019**, 4, 1272-1280	3.9	5
21	Multicellular Human Cardiac Organoids Transcriptomically Model Distinct Tissue-Level Features of Adult Myocardium. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
20	Cardiac aging: Send in the vinculin reinforcements. *Science Translational Medicine*, **2015**, 7, 292fs26	17.5	4
19	Chronic lipopolysaccharide induces adverse myocardial infarction wound healing through activation of CD8 T cells. *American Journal of Physiology - Heart and Circulatory Physiology*, **2021**, 321, H948-H962	5.2	4
18	Somewhere over the sex differences rainbow of myocardial infarction remodeling: hormones, chromosomes, inflammasome, oh my. *Expert Review of Proteomics*, **2019**, 16, 933-940	4.2	3
17	Focusing Heart Failure Research on Myocardial Fibrosis to Prioritize Translation. *Journal of Cardiac Failure*, **2020**, 26, 876-884	3.3	3
16	Identifying the molecular and cellular signature of cardiac dilation following myocardial infarction. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2019**, 1865, 1845-1852	6.9	3
15	Cross Talk Between Inflammation and Extracellular Matrix Following Myocardial Infarction **2015**, 67-79		2
14	43Matrix metalloproteinase-9 deletion shifts macrophage polarization towards M2 phenotype in aged left ventricles post-myocardial infarction. *Cardiovascular Research*, **2014**, 103, S6.3-S6	9.9	2
13	Modifying matrix remodeling to prevent heart failure **2014**, 41-60		1
12	Extracellular Matrix Biomarkers of Adverse Remodeling After Myocardial Infarction **2013**, 383-412		1
11	Women are different: the role of coupling factor 6 in blood pressure regulation. *Hypertension Research*, **2012**, 35, 485-6	4.7	

List of Publications

10	The Secretome of Female CD8+ T-cells Increases Monocyte Phagocytosis. *FASEB Journal*, **2020**, 34, 1-1	0.9
9	Exogenous IL-4 Promotes Myocardial Infarction Repair by Turning off Pro-Inflammation in Neutrophils while Stimulating Anti-Inflammation in Macrophages to Induce Neutrophil Phagocytosis. *FASEB Journal*, **2020**, 34, 1-1	0.9
8	The Mouse Heart Attack Research Tool (mHART) 1.0 Database. *FASEB Journal*, **2018**, 32, 848.5	0.9
7	CD8 T-cells have a biphasic role during post-myocardial infarction cardiac remodeling. *FASEB Journal*, **2018**, 32, 718.5	0.9
6	Day 1 Post-Myocardial Infarction Cardiac Macrophage Transcriptomic Signatures that Link to LV Infarct Wall Thinning. *FASEB Journal*, **2018**, 32, 717.11	0.9
5	CD8 T-cells regulate macrophage recruitment leading to exacerbated cardiac remodeling. *FASEB Journal*, **2019**, 33, 836.4	0.9
4	Collagen C-peptide roles in post-myocardial infarction remodeling (867.15). *FASEB Journal*, **2014**, 28, 867.15	0.9
3	Systemic Porphyromonas gingivalis lipopolysaccharide exacerbates the inflammatory response post-myocardial infarction through matrix metalloproteinase-9 (897.6). *FASEB Journal*, **2014**, 28, 897.6	0.9
2	Find the stimulus, save the heart: a heroesUstory. *American Journal of Physiology - Heart and Circulatory Physiology*, **2021**, 320, H2185-H2187	5.2
1	Molecular, Gene, and Cellular Mechanism **2021**, 1-10	