

# Prasanna Krishnamurthy

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4714044/prasanna-krishnamurthy-publications-by-year.pdf>  
**Version:** 2024-04-11

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66 papers	2,424 citations	26 h-index	48 g-index
90 ext. papers	2,902 ext. citations	8.4 avg, IF	4.75 L-index

#	Paper	IF	Citations
66	MicroRNA-181c-5p modulates phagocytosis efficiency in bone marrow-derived macrophages.. <i>Inflammation Research</i> , <b>2022</b> , 71, 321	7.2	
65	STK35 Gene Therapy Attenuates Endothelial Dysfunction and Improves Cardiac Function in Diabetes.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 798091	5.4	
64	Novel Mechanisms of Exosome-Mediated Phagocytosis of Dead Cells in Injured Heart. <i>Circulation Research</i> , <b>2021</b> , 129, 1006-1020	15.7	8
63	Myofibroblast-Derived Exosome Induce Cardiac Endothelial Cell Dysfunction. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 676267	5.4	11
62	Cardiac glycosaminoglycans and structural alterations during chronic stress-induced depression-like behavior in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2021</b> , 320, H2044-H2057	5.2	0
61	Mechanisms of COVID-19-induced cardiovascular disease: Is sepsis or exosome the missing link?. <i>Journal of Cellular Physiology</i> , <b>2021</b> , 236, 3366-3382	7	11
60	microRNA-377 Signaling Modulates Anticancer Drug-Induced Cardiotoxicity in Mice. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 737826	5.4	1
59	Increased m6A-RNA methylation and FTO suppression is associated with myocardial inflammation and dysfunction during endotoxemia in mice. <i>Molecular and Cellular Biochemistry</i> , <b>2021</b> , 1	4.2	5
58	Transcriptional Regulation of Structural and Functional Adaptations in a Developing Adulthood Myocardium. <i>Cardiology and Cardiovascular Medicine</i> , <b>2021</b> , 5, 454-470	1.3	0
57	Phosphatidylinositol-4,5-Bisphosphate Binding to Amphiphysin-II Modulates T-Tubule Remodeling: Implications for Heart Failure.. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 782767	4.6	0
56	Cardiovascular Changes Associated with Hypertensive Heart Disease and Aging. <i>Cell Transplantation</i> , <b>2020</b> , 29, 963689720920830	4	8
55	S100 family proteins in inflammation and beyond. <i>Advances in Clinical Chemistry</i> , <b>2020</b> , 98, 173-231	5.8	13
54	DNA damage-free iPS cells exhibit potential to yield competent cardiomyocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2020</b> , 318, H801-H815	5.2	1
53	Myocardial protection by nanomaterials formulated with CHIR99021 and FGF1. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	10
52	IL-10 provides cardioprotection in diabetic myocardial infarction via upregulation of Heme clearance pathways. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	11
51	Exosome-associated ELAVL1 adversely affects cardiac macrophage-fibroblast crosstalk in diabetes. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
50	Non-coding RNA modulates cardiovascular adverse effects of anthracycline chemotherapeutic agent. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	

49	Targeting exosome-associated human antigen R attenuates fibrosis and inflammation in diabetic heart. <i>FASEB Journal</i> , <b>2020</b> , 34, 2238-2251	0.9	23
48	Nano-Vesicle (Mis)Communication in Senescence-Related Pathologies. <i>Cells</i> , <b>2020</b> , 9,	7.9	12
47	Exosomes secreted by hiPSC-derived cardiac cells improve recovery from myocardial infarction in swine. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	43
46	OBG-like ATPase 1 inhibition attenuates angiotensin II-induced hypertrophic response in human ventricular myocytes via GSK-3beta/beta-catenin signalling. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2019</b> , 46, 743-751	3	4
45	Exercise Mediated Nrf2 Signaling Protects the Myocardium From Isoproterenol-Induced Pathological Remodeling. <i>Frontiers in Cardiovascular Medicine</i> , <b>2019</b> , 6, 68	5.4	10
44	Sam68 impedes the recovery of arterial injury by augmenting inflammatory response. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 137, 82-92	5.8	5
43	Cardiomyocytes from CCND2-overexpressing human induced-pluripotent stem cells repopulate the myocardial scar in mice: A 6-month study. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 137, 25-33	5.8	13
42	The Art of Intercellular Wireless Communications: Exosomes in Heart Disease and Therapy. <i>Frontiers in Cell and Developmental Biology</i> , <b>2019</b> , 7, 315	5.7	26
41	Assessment of MiRNA Regulation of Endothelial Progenitor Cell Mediated Angiogenesis. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1553, 305-314	1.4	5
40	Therapeutic inhibition of miR-375 attenuates post-myocardial infarction inflammatory response and left ventricular dysfunction via PDK-1-AKT signalling axis. <i>Cardiovascular Research</i> , <b>2017</b> , 113, 938-949	8.9	67
39	Significance of Japanese Kampo Medicine in Supportive Care of Heart Failure/Function <b>2017</b> , 47-57		
38	Kampo Medicine for Hypertension and Related Disorders <b>2017</b> , 59-67		
37	Interleukin-10 Inhibits Bone Marrow Fibroblast Progenitor Cell-Mediated Cardiac Fibrosis in Pressure-Overloaded Myocardium. <i>Circulation</i> , <b>2017</b> , 136, 940-953	16.7	43
36	Depletion of cardiac 14-3-3 $\sigma$ protein adversely influences pathologic cardiac remodeling during myocardial infarction after coronary artery ligation in mice. <i>International Journal of Cardiology</i> , <b>2016</b> , 202, 146-53	3.2	13
35	Angiotensin receptor blockers: Focus on cardiac and renal injury. <i>Trends in Cardiovascular Medicine</i> , <b>2016</b> , 26, 221-8	6.9	23
34	Role of MAPK-mediated endoplasmic reticulum stress signaling in the heart during aging in senescence-accelerated prone mice. <i>BioFactors</i> , <b>2016</b> , 42, 368-75	6.1	24
33	MicroRNA-126 overexpression rescues diabetes-induced impairment in efferocytosis of apoptotic cardiomyocytes. <i>Scientific Reports</i> , <b>2016</b> , 6, 36207	4.9	37
32	MicroRNA-9 inhibits hyperglycemia-induced pyroptosis in human ventricular cardiomyocytes by targeting ELAVL1. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 471, 423-9	3.4	79

31	IL-10 Accelerates Re-Endothelialization and Inhibits Post-Injury Intimal Hyperplasia following Carotid Artery Denudation. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147615	3.7	19
30	Vascular Aging: Implications for Cardiovascular Disease and Therapy. <i>Translational Medicine (Sunnyvale, Calif)</i> , <b>2016</b> , 6,		36
29	Modulation of Macrophage Polarization and HMGB1-TLR2/TLR4 Cascade Plays a Crucial Role for Cardiac Remodeling in Senescence-Accelerated Prone Mice. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152922	3.7	34
28	Alcohol Toxicity in Diabetes and Its Complications: A Double Trouble?. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2016</b> , 40, 686-97	3.7	18
27	Naringenin ameliorates skin inflammation and accelerates phenotypic reprogramming from M1 to M2 macrophage polarization in atopic dermatitis NC/Nga mouse model. <i>Experimental Dermatology</i> , <b>2016</b> , 25, 404-7	4	18
26	Embryonic stem cell-derived exosomes promote endogenous repair mechanisms and enhance cardiac function following myocardial infarction. <i>Circulation Research</i> , <b>2015</b> , 117, 52-64	15.7	458
25	RNA-stabilizing proteins as molecular targets in cardiovascular pathologies. <i>Trends in Cardiovascular Medicine</i> , <b>2015</b> , 25, 676-83	6.9	18
24	Interleukin-10 inhibits chronic angiotensin II-induced pathological autophagy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 89, 203-13	5.8	29
23	Sirtuin-6 deficiency exacerbates diabetes-induced impairment of wound healing. <i>Experimental Dermatology</i> , <b>2015</b> , 24, 773-8	4	30
22	Negative Regulation of miR-375 by Interleukin-10 Enhances Bone Marrow-Derived Progenitor Cell-Mediated Myocardial Repair and Function After Myocardial Infarction. <i>Stem Cells</i> , <b>2015</b> , 33, 3519-29	5.8	59
21	Schisandrin B prevents doxorubicin induced cardiac dysfunction by modulation of DNA damage, oxidative stress and inflammation through inhibition of MAPK/p53 signaling. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119274	3.7	78
20	Enhanced Cardiac Regenerative Ability of Stem Cells After Ischemia-Reperfusion Injury: Role of Human CD34+ Cells Deficient in MicroRNA-377. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 2214-2226	15.1	51
19	Schisandrin B Ameliorates ICV-Infused Amyloid $\beta$ -Induced Oxidative Stress and Neuronal Dysfunction through Inhibiting RAGE/NF- $\kappa$ B/MAPK and Up-Regulating HSP/Beclin Expression. <i>PLoS ONE</i> , <b>2015</b> , 10, e0142483	3.7	57
18	Small engine, big power: microRNAs as regulators of cardiac diseases and regeneration. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 15891-911	6.3	35
17	Endothelial Progenitor Cells: Application in Vascular Medicine <b>2014</b> , 117-124		
16	Alcohol consumption negates estrogen-mediated myocardial repair in ovariectomized mice by inhibiting endothelial progenitor cell mobilization and function. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 18022-34	5.4	6
15	Transverse Aortic Constriction: a Model to Study Heart Failure in Small Animals <b>2013</b> , 164-169		4
14	Bone marrow progenitor cell therapy-mediated paracrine regulation of cardiac miRNA-155 modulates fibrotic response in diabetic hearts. <i>PLoS ONE</i> , <b>2013</b> , 8, e60161	3.7	58

13	Enhanced angiogenic and cardiomyocyte differentiation capacity of epigenetically reprogrammed mouse and human endothelial progenitor cells augments their efficacy for ischemic myocardial repair. <i>Circulation Research</i> , <b>2012</b> , 111, 180-90	15.7	73
12	Elucidation of a novel pathway through which HDAC1 controls cardiomyocyte differentiation through expression of SOX-17 and BMP2. <i>PLoS ONE</i> , <b>2012</b> , 7, e45046	3.7	13
11	Interleukin-10 treatment attenuates pressure overload-induced hypertrophic remodeling and improves heart function via signal transducers and activators of transcription 3-dependent inhibition of nuclear factor- $\kappa$ B. <i>Circulation</i> , <b>2012</b> , 126, 418-29	16.7	131
10	Histone deacetylase 1 deficiency impairs differentiation and electrophysiological properties of cardiomyocytes derived from induced pluripotent cells. <i>Stem Cells</i> , <b>2012</b> , 30, 2412-22	5.8	15
9	Interleukin-10 deficiency impairs bone marrow-derived endothelial progenitor cell survival and function in ischemic myocardium. <i>Circulation Research</i> , <b>2011</b> , 109, 1280-9	15.7	109
8	Myocardial knockdown of mRNA-stabilizing protein HuR attenuates post-MI inflammatory response and left ventricular dysfunction in IL-10-null mice. <i>FASEB Journal</i> , <b>2010</b> , 24, 2484-94	0.9	56
7	IL-10 inhibits inflammation and attenuates left ventricular remodeling after myocardial infarction via activation of STAT3 and suppression of HuR. <i>Circulation Research</i> , <b>2009</b> , 104, e9-18	15.7	268
6	Inhibition of matrix metalloproteinases improves left ventricular function in mice lacking osteopontin after myocardial infarction. <i>Molecular and Cellular Biochemistry</i> , <b>2009</b> , 322, 53-62	4.2	44
5	Cell-free embryonic stem cell extract-mediated derivation of multipotent stem cells from NIH3T3 fibroblasts for functional and anatomical ischemic tissue repair. <i>Circulation Research</i> , <b>2008</b> , 102, e107-17	15.7	58
4	Beta1 integrins modulate beta-adrenergic receptor-stimulated cardiac myocyte apoptosis and myocardial remodeling. <i>Hypertension</i> , <b>2007</b> , 49, 865-72	8.5	78
3	Lack of osteopontin improves cardiac function in streptozotocin-induced diabetic mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H673-83	5.2	35
2	Expression of the cytoplasmic domain of beta1 integrin induces apoptosis in adult rat ventricular myocytes (ARVM) via the involvement of caspase-8 and mitochondrial death pathway. <i>Basic Research in Cardiology</i> , <b>2006</b> , 101, 485-93	11.8	16
1	Murine Bone Marrow Transplantation Model	146-148	