Alina Maloyan

List of Publications by Year in Descending Order

45 papers	6,227 citations	26 h-index	57 g-index
57 ext. papers	7,554 ext. citations	6.1 avg, IF	4.86 L-index

#	Paper	IF	Citations
45	Dipeptidyl peptidase IV inhibition delays developmental programming of obesity and metabolic disease in male offspring of obese mothers.. *Journal of Developmental Origins of Health and Disease* , **2022**, 1-14	2.4	1
44	Antihyperglycemic activity of L-norvaline and L-arginine in high-fat diet and streptozotocin-treated male rats.. *Experimental and Molecular Pathology*, **2022**, 104763	4.4	0
43	Dyslipidemia, insulin resistance, and impairment of placental metabolism in the offspring of obese mothers. *Journal of Developmental Origins of Health and Disease*, **2021**, 12, 738-747	2.4	4
42	Sex-dependent vulnerability of fetal nonhuman primate cardiac mitochondria to moderate maternal nutrient reduction. *Clinical Science*, **2021**, 135, 1103-1126	6.5	4
41	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382	10.2	440
40	Multiscale cardiac imaging spanning the whole heart and its internal cellular architecture in a small animal model. *ELife*, **2020**, 9,	8.9	3
39	Assessment of neonatal, cord, and adult platelet granule trafficking and secretion. *Platelets*, **2020**, 31, 68-78	3.6	8
38	Multiscale Cardiac Imaging: From Whole Heart Images to Cardiac Ultrastructure. *Microscopy and Microanalysis*, **2019**, 25, 1198-1199	0.5	1
37	190-LB: Dipeptidyl Peptidase-IV Promotes the Developmental Programming of Chronic Inflammatory Diseases due to Perinatal Exposure to Maternal Obesity. *Diabetes*, **2019**, 68, 190-LB	0.9	
36	Melatonin Improves Mitochondrial Respiration in Syncytiotrophoblasts From Placentas of Obese Women. *Reproductive Sciences*, **2018**, 25, 120-130	3	18
35	Tropomyosin Receptor Kinase B Agonist, 7,8-Dihydroxyflavone, Improves Mitochondrial Respiration in Placentas From Obese Women. *Reproductive Sciences*, **2018**, 25, 452-462	3	3
34	Autophagy and Fetal Programming **2018**, 225-235		
33	Maternal obesity alters brain derived neurotrophic factor (BDNF) signaling in the placenta in a sexually dimorphic manner. *Placenta*, **2017**, 49, 55-63	3.4	26
32	IFPA meeting 2016 workshop report II: Placental imaging, placenta and development of other organs, sexual dimorphism in placental function and trophoblast cell lines. *Placenta*, **2017**, 60 Suppl 1, S10-S14	3.4	12
31	A Primary Human Trophoblast Model to Study the Effect of Inflammation Associated with Maternal Obesity on Regulation of Autophagy in the Placenta. *Journal of Visualized Experiments*, **2017**,	1.6	2
30	Sexual dimorphism in the fetal cardiac response to maternal nutrient restriction. *Journal of Molecular and Cellular Cardiology*, **2017**, 108, 181-193	5.8	31
29	Increased Hemodynamic Load in Early Embryonic Stages Alters Endocardial to Mesenchymal Transition. *Frontiers in Physiology*, **2017**, 8, 56	4.6	28

28	Increased Hemodynamic Load in Early Embryonic Stages Alters Myofibril and Mitochondrial Organization in the Myocardium. *Frontiers in Physiology*, **2017**, 8, 631	4.6	10
27	Mitochondrial function and glucose metabolism in the placenta with gestational diabetes mellitus: role of miR-143. *Clinical Science*, **2016**, 130, 931-41	6.5	78
26	Placental metabolic flexibility is affected by maternal obesity. *Placenta*, **2016**, 45, 69	3.4	2
25	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
24	Obesity and Placental Function. *Seminars in Reproductive Medicine*, **2016**, 34, 42-9	1.4	91
23	Sexual dimorphism in activation of placental autophagy in obese women with evidence for fetal programming from a placenta-specific mouse model. *Autophagy*, **2016**, 12, 752-69	10.2	50
22	Sexual dimorphism in miR-210 expression and mitochondrial dysfunction in the placenta with maternal obesity. *International Journal of Obesity*, **2015**, 39, 1274-81	5.5	63
21	Impaired mitochondrial function in human placenta with increased maternal adiposity. *American Journal of Physiology - Endocrinology and Metabolism*, **2014**, 307, E419-25	6	99
20	Effect of preeclampsia on placental function: influence of sexual dimorphism, microRNAs and mitochondria. *Advances in Experimental Medicine and Biology*, **2014**, 814, 133-46	3.6	37
19	Evidence of sexual dimorphism in the placental function with severe preeclampsia. *Placenta*, **2013**, 34, 1183-9	3.4	55
18	Identification and comparative analyses of myocardial miRNAs involved in the fetal response to maternal obesity. *Physiological Genomics*, **2013**, 45, 889-900	3.6	56
17	Measurement of mitochondrial respiration in trophoblast culture. *Placenta*, **2012**, 33, 456-8	3.4	26
16	MIR-210 modulates mitochondrial respiration in placenta with preeclampsia. *Placenta*, **2012**, 33, 816-23	3.4	162
15	Manipulation of death pathways in desmin-related cardiomyopathy. *Circulation Research*, **2010**, 106, 1524-32	15.7	50
14	Autophagy in desmin-related cardiomyopathy: Thoughts at the halfway point. *Autophagy*, **2010**, 6, 665-666	10.2	14
13	Biochemical and mechanical dysfunction in a mouse model of desmin-related myopathy. *Circulation Research*, **2009**, 104, 1021-8	15.7	42
12	Cardiomyocyte expression of a polyglutamine preamyloid oligomer causes heart failure. *Circulation*, **2008**, 117, 2743-51	16.7	109
11	Exercise reverses preamyloid oligomer and prolongs survival in alphaB-crystallin-based desmin-related cardiomyopathy. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 5995-6000	11.5	66

10	HIF-1alpha-targeted pathways are activated by heat acclimation and contribute to acclimation-ischemic cross-tolerance in the heart. *Physiological Genomics*, **2005**, 23, 79-88	3.6	99
9	Mitochondrial dysfunction and apoptosis underlie the pathogenic process in alpha-B-crystallin desmin-related cardiomyopathy. *Circulation*, **2005**, 112, 3451-61	16.7	162
8	Desmin-related cardiomyopathy in transgenic mice: a cardiac amyloidosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 10132-6	11.5	222
7	Non-Conventional Long-Lasting Cardioprotection Induced by Chronic Exposure to Ambient Heat. *Progress in Experimental Cardiology*, **2004**, 525-533		
6	beta-Adrenergic signaling and thyroid hormones affect HSP72 expression during heat acclimation. *Journal of Applied Physiology*, **2002**, 93, 107-15	3.7	52
5	Adenoviral transfer of HSP-70 into pulmonary epithelium ameliorates experimental acute respiratory distress syndrome. *Journal of Clinical Investigation*, **2002**, 110, 801-806	15.9	88
4	Adenoviral transfer of HSP-70 into pulmonary epithelium ameliorates experimental acute respiratory distress syndrome. *Journal of Clinical Investigation*, **2002**, 110, 801-6	15.9	42
3	Heat-acclimation-ischemia cross-tolerance: Does HIF-1 play a role?. *Journal of Molecular and Cellular Cardiology*, **2001**, 33, A72	5.8	6
2	Heat acclimation increases the basal HSP72 level and alters its production dynamics during heat stress. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1999**, 276, R1506-15	3.2	98
1	HSP 70 kDa dynamics in animals undergoing heat stress superimposed on heat acclimation. *Annals of the New York Academy of Sciences*, **1997**, 813, 617-9	6.5	25