

# Alina Maloyan

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

8,590  
citations

201385

27  
h-index

223531

46  
g-index

57  
all docs

57  
docs citations

57  
times ranked

17403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (edition</i>	4.3	1,430
3	Desmin-related cardiomyopathy in transgenic mice: A cardiac amyloidosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10132-10136.	3.3	262
4	MIR-210 modulates mitochondrial respiration in placenta with preeclampsia. <i>Placenta</i> , 2012, 33, 816-823.	0.7	193
5	Mitochondrial Dysfunction and Apoptosis Underlie the Pathogenic Process in $\beta$ -Crystallin Desmin-Related Cardiomyopathy. <i>Circulation</i> , 2005, 112, 3451-3461.	1.6	174
6	Impaired mitochondrial function in human placenta with increased maternal adiposity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E419-E425.	1.8	129
7	Obesity and Placental Function. <i>Seminars in Reproductive Medicine</i> , 2016, 34, 042-049.	0.5	128
8	Cardiomyocyte Expression of a Polyglutamine Preamyloid Oligomer Causes Heart Failure. <i>Circulation</i> , 2008, 117, 2743-2751.	1.6	126
9	HIF-1 $\alpha$ -targeted pathways are activated by heat acclimation and contribute to acclimation-ischemic cross-tolerance in the heart. <i>Physiological Genomics</i> , 2005, 23, 79-88.	1.0	119
10	Heat acclimation increases the basal HSP72 level and alters its production dynamics during heat stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R1506-R1515.	0.9	115
11	Mitochondrial function and glucose metabolism in the placenta with gestational diabetes mellitus: role of <i>miR-143</i> . <i>Clinical Science</i> , 2016, 130, 931-941.	1.8	101
12	Adenoviral transfer of HSP-70 into pulmonary epithelium ameliorates experimental acute respiratory distress syndrome. <i>Journal of Clinical Investigation</i> , 2002, 110, 801-806.	3.9	101
13	Sexual dimorphism in miR-210 expression and mitochondrial dysfunction in the placenta with maternal obesity. <i>International Journal of Obesity</i> , 2015, 39, 1274-1281.	1.6	91
14	Evidence of sexual dimorphism in the placental function with severe preeclampsia. <i>Placenta</i> , 2013, 34, 1183-1189.	0.7	77
15	Exercise reverses preamyloid oligomer and prolongs survival in $\beta$ -crystallin-based desmin-related cardiomyopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5995-6000.	3.3	76
16	Identification and comparative analyses of myocardial miRNAs involved in the fetal response to maternal obesity. <i>Physiological Genomics</i> , 2013, 45, 889-900.	1.0	67
17	Sexual dimorphism in activation of placental autophagy in obese women with evidence for fetal programming from a placenta-specific mouse model. <i>Autophagy</i> , 2016, 12, 752-769.	4.3	64
18	$\beta$ -Adrenergic signaling and thyroid hormones affect HSP72 expression during heat acclimation. <i>Journal of Applied Physiology</i> , 2002, 93, 107-115.	1.2	63

#	ARTICLE	IF	CITATIONS
19	Manipulation of Death Pathways in Desmin-Related Cardiomyopathy. <i>Circulation Research</i> , 2010, 106, 1524-1532.	2.0	60
20	Adenoviral transfer of HSP-70 into pulmonary epithelium ameliorates experimental acute respiratory distress syndrome. <i>Journal of Clinical Investigation</i> , 2002, 110, 801-806.	3.9	60
21	Biochemical and Mechanical Dysfunction in a Mouse Model of Desmin-Related Myopathy. <i>Circulation Research</i> , 2009, 104, 1021-1028.	2.0	48
22	Effect of Preeclampsia on Placental Function: Influence of Sexual Dimorphism, microRNA™s and Mitochondria. <i>Advances in Experimental Medicine and Biology</i> , 2014, 814, 133-146.	0.8	48
23	Sexual dimorphism in the fetal cardiac response to maternal nutrient restriction. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 108, 181-193.	0.9	41
24	Measurement of mitochondrial respiration in trophoblast culture. <i>Placenta</i> , 2012, 33, 456-458.	0.7	34
25	Maternal obesity alters brain derived neurotrophic factor (BDNF) signaling in the placenta in a sexually dimorphic manner. <i>Placenta</i> , 2017, 49, 55-63.	0.7	34
26	Increased Hemodynamic Load in Early Embryonic Stages Alters Endocardial to Mesenchymal Transition. <i>Frontiers in Physiology</i> , 2017, 8, 56.	1.3	31
27	HSP 70 kDa Dynamics in Animals Undergoing Heat Stress Superimposed on Heat Acclimation. <i>Annals of the New York Academy of Sciences</i> , 1997, 813, 617-619.	1.8	27
28	Dyslipidemia, insulin resistance, and impairment of placental metabolism in the offspring of obese mothers. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 738-747.	0.7	25
29	Melatonin Improves Mitochondrial Respiration in Syncytiotrophoblasts From Placentas of Obese Women. <i>Reproductive Sciences</i> , 2018, 25, 120-130.	1.1	22
30	Assessment of neonatal, cord, and adult platelet granule trafficking and secretion. <i>Platelets</i> , 2020, 31, 68-78.	1.1	17
31	IFPA meeting 2016 workshop report II: Placental imaging, placenta and development of other organs, sexual dimorphism in placental function and trophoblast cell lines. <i>Placenta</i> , 2017, 60, S10-S14.	0.7	16
32	Autophagy in desmin-related cardiomyopathy: Thoughts at the halfway point. <i>Autophagy</i> , 2010, 6, 665-666.	4.3	15
33	Increased Hemodynamic Load in Early Embryonic Stages Alters Myofibril and Mitochondrial Organization in the Myocardium. <i>Frontiers in Physiology</i> , 2017, 8, 631.	1.3	15
34	Sex-dependent vulnerability of fetal nonhuman primate cardiac mitochondria to moderate maternal nutrient reduction. <i>Clinical Science</i> , 2021, 135, 1103-1126.	1.8	15
35	Vitamin D Supplementation Improves Mitochondrial Function and Reduces Inflammation in Placentae of Obese Women. <i>Frontiers in Endocrinology</i> , 2022, 13, .	1.5	14
36	Multiscale cardiac imaging spanning the whole heart and its internal cellular architecture in a small animal model. <i>ELife</i> , 2020, 9, .	2.8	8

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37	Antihyperglycemic activity of L-norvaline and L-arginine in high-fat diet and streptozotocin-treated male rats. <i>Experimental and Molecular Pathology</i> , 2022, 126, 104763.	0.9	8
38	Dipeptidyl peptidase IV inhibition delays developmental programming of obesity and metabolic disease in male offspring of obese mothers. <i>Journal of Developmental Origins of Health and Disease</i> , 2022, 13, 727-740.	0.7	7
39	Heat-acclimation-ischemia cross-tolerance: Does HIF-1 $\alpha$ play a role?. <i>Journal of Molecular and Cellular Cardiology</i> , 2001, 33, A72.	0.9	6
40	A Primary Human Trophoblast Model to Study the Effect of Inflammation Associated with Maternal Obesity on Regulation of Autophagy in the Placenta. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	6
41	Tropomyosin Receptor Kinase B Agonist, 7,8-Dihydroxyflavone, Improves Mitochondrial Respiration in Placentas From Obese Women. <i>Reproductive Sciences</i> , 2018, 25, 452-462.	1.1	6
42	Placental metabolic flexibility is affected by maternal obesity. <i>Placenta</i> , 2016, 45, 69.	0.7	4
43	Abstract 15515: Sexual Dimorphism in Cardiac Response to Intrauterine Growth Restriction (IUGR). <i>Circulation</i> , 2014, 130, .	1.6	2
44	Multiscale Cardiac Imaging: From Whole Heart Images to Cardiac Ultrastructure. <i>Microscopy and Microanalysis</i> , 2019, 25, 1198-1199.	0.2	1
45	Placenta-specific loss of autophagy predisposes the offspring to obesity and hyperglycemia. <i>Placenta</i> , 2013, 34, A90-A91.	0.7	0
46	Activation of NF $\kappa$ B1 in syncytiotrophoblasts regulates the expression of miR-210 and mitochondrial respiration in a fetal sex-dependent manner. <i>Placenta</i> , 2014, 35, A28.	0.7	0
47	Manipulation of TRKB activation alters cellular respiration in syncytiotrophoblasts. <i>Placenta</i> , 2016, 45, 66-67.	0.7	0
48	Autophagy and Fetal Programming. , 2018, , 225-235.		0
49	Non-Conventional Long-Lasting Cardioprotection Induced by Chronic Exposure to Ambient Heat. <i>Progress in Experimental Cardiology</i> , 2004, , 525-533.	0.0	0
50	190-LB: Dipeptidyl Peptidase-IV Promotes the Developmental Programming of Chronic Inflammatory Diseases due to Perinatal Exposure to Maternal Obesity. <i>Diabetes</i> , 2019, 68, .	0.3	0