

Alina Maloyan

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.

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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
44	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440
43	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, 10132-6	11.5	222
42	MIR-210 modulates mitochondrial respiration in placenta with preeclampsia. <i>Placenta</i> , 2012 , 33, 816-23	3.4	162
41	Mitochondrial dysfunction and apoptosis underlie the pathogenic process in alpha-B-crystallin desmin-related cardiomyopathy. <i>Circulation</i> , 2005 , 112, 3451-61	16.7	162
40	Cardiomyocyte expression of a polyglutamine preamyloid oligomer causes heart failure. <i>Circulation</i> , 2008 , 117, 2743-51	16.7	109
39	Impaired mitochondrial function in human placenta with increased maternal adiposity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E419-25	6	99
38	HIF-1alpha-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	3.6	99
37	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, R1506-15	3.2	98
36	Obesity and Placental Function. <i>Seminars in Reproductive Medicine</i> , 2016 , 34, 42-9	1.4	91
35	Adenoviral transfer of HSP-70 into pulmonary epithelium ameliorates experimental acute respiratory distress syndrome. <i>Journal of Clinical Investigation</i> , 2002 , 110, 801-806	15.9	88
34	Mitochondrial function and glucose metabolism in the placenta with gestational diabetes mellitus: role of miR-143. <i>Clinical Science</i> , 2016 , 130, 931-41	6.5	78
33	Exercise reverses preamyloid oligomer and prolongs survival in alphaB-crystallin-based desmin-related cardiomyopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 5995-6000	11.5	66
32	Sexual dimorphism in miR-210 expression and mitochondrial dysfunction in the placenta with maternal obesity. <i>International Journal of Obesity</i> , 2015 , 39, 1274-81	5.5	63
31	Identification and comparative analyses of myocardial miRNAs involved in the fetal response to maternal obesity. <i>Physiological Genomics</i> , 2013 , 45, 889-900	3.6	56
30	Evidence of sexual dimorphism in the placental function with severe preeclampsia. <i>Placenta</i> , 2013 , 34, 1183-9	3.4	55
29	beta-Adrenergic signaling and thyroid hormones affect HSP72 expression during heat acclimation. <i>Journal of Applied Physiology</i> , 2002 , 93, 107-15	3.7	52

28	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, 752-69	10.2	50
27	Manipulation of death pathways in desmin-related cardiomyopathy. <i>Circulation Research</i> , 2010 , 106, 1524-32	4.3	50
26	Biochemical and mechanical dysfunction in a mouse model of desmin-related myopathy. <i>Circulation Research</i> , 2009 , 104, 1021-8	15.7	42
25	Adenoviral transfer of HSP-70 into pulmonary epithelium ameliorates experimental acute respiratory distress syndrome. <i>Journal of Clinical Investigation</i> , 2002 , 110, 801-6	15.9	42
24	Effect of preeclampsia on placental function: influence of sexual dimorphism, microRNAs and mitochondria. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 814, 133-46	3.6	37
23	Sexual dimorphism in the fetal cardiac response to maternal nutrient restriction. <i>Journal of Molecular and Cellular Cardiology</i> , 2017 , 108, 181-193	5.8	31
22	Increased Hemodynamic Load in Early Embryonic Stages Alters Endocardial to Mesenchymal Transition. <i>Frontiers in Physiology</i> , 2017 , 8, 56	4.6	28
21	Maternal obesity alters brain derived neurotrophic factor (BDNF) signaling in the placenta in a sexually dimorphic manner. <i>Placenta</i> , 2017 , 49, 55-63	3.4	26
20	Measurement of mitochondrial respiration in trophoblast culture. <i>Placenta</i> , 2012 , 33, 456-8	3.4	26
19	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, 617-9	6.5	25
18	Melatonin Improves Mitochondrial Respiration in Syncytiotrophoblasts From Placentas of Obese Women. <i>Reproductive Sciences</i> , 2018 , 25, 120-130	3	18
17	Autophagy in desmin-related cardiomyopathy: Thoughts at the halfway point. <i>Autophagy</i> , 2010 , 6, 665-666	6.2	14
16	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 Suppl 1, S10-S14	3.4	12
15	Increased Hemodynamic Load in Early Embryonic Stages Alters Myofibril and Mitochondrial Organization in the Myocardium. <i>Frontiers in Physiology</i> , 2017 , 8, 631	4.6	10
14	Assessment of neonatal, cord, and adult platelet granule trafficking and secretion. <i>Platelets</i> , 2020 , 31, 68-78	3.6	8
13	Heat-acclimation-ischemia cross-tolerance: Does HIF-1 α play a role?. <i>Journal of Molecular and Cellular Cardiology</i> , 2001 , 33, A72	5.8	6
12	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	2.4	4
11	Sex-dependent vulnerability of fetal nonhuman primate cardiac mitochondria to moderate maternal nutrient reduction. <i>Clinical Science</i> , 2021 , 135, 1103-1126	6.5	4

10	Tropomyosin Receptor Kinase B Agonist, 7,8-Dihydroxyflavone, Improves Mitochondrial Respiration in Placentas From Obese Women. <i>Reproductive Sciences</i> , 2018 , 25, 452-462	3	3
9	Multiscale cardiac imaging spanning the whole heart and its internal cellular architecture in a small animal model. <i>ELife</i> , 2020 , 9,	8.9	3
8	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 ,	1.6	2
7	Placental metabolic flexibility is affected by maternal obesity. <i>Placenta</i> , 2016 , 45, 69	3.4	2
6	Multiscale Cardiac Imaging: From Whole Heart Images to Cardiac Ultrastructure. <i>Microscopy and Microanalysis</i> , 2019 , 25, 1198-1199	0.5	1
5	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 , 1-14	2.4	1
4	Antihyperglycemic activity of L-norvaline and L-arginine in high-fat diet and streptozotocin-treated male rats.. <i>Experimental and Molecular Pathology</i> , 2022 , 104763	4.4	0
3	Autophagy and Fetal Programming 2018 , 225-235		
2	Non-Conventional Long-Lasting Cardioprotection Induced by Chronic Exposure to Ambient Heat. <i>Progress in Experimental Cardiology</i> , 2004 , 525-533		
1	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, 190-LB	0.9	