# Alina Maloyan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5893637/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 50 papers | 8,590 citations | 201674 27 h-index | 223800 46 g-index |
| 57 all docs | 57 docs citations | 57 times ranked | 17403 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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, 13, 727-740. | 1.4 | 7 |
| 2 | Antihyperglycemic activity of L-norvaline and L-arginine in high-fat diet and streptozotocin-treated male rats. Experimental and Molecular Pathology, 2022, 126, 104763. | 2.1 | 8 |
| 3 | Vitamin D Supplementation Improves Mitochondrial Function and Reduces Inflammation in Placentae of Obese Women. Frontiers in Endocrinology, 2022, 13, . | 3.5 | 14 |
| 4 | 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. | 1.4 | 25 |
| 5 | Sex-dependent vulnerability of fetal nonhuman primate cardiac mitochondria to moderate maternal nutrient reduction. Clinical Science, 2021, 135, 1103-1126. | 4.3 | 15 |
| 6 | Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (edition | 9.1 | 1,430 |
| 7 | Assessment of neonatal, cord, and adult platelet granule trafficking and secretion. Platelets, 2020, 31, 68-78. | 2.3 | 17 |
| 8 | Multiscale cardiac imaging spanning the whole heart and its internal cellular architecture in a small animal model. ELife, 2020, 9, . | 6.0 | 8 |
| 9 | Multiscale Cardiac Imaging: From Whole Heart Images to Cardiac Ultrastructure. Microscopy and Microanalysis, 2019, 25, 1198-1199. | 0.4 | 1 |
| 10 | 190-LB: Dipeptidyl Peptidase-IV Promotes the Developmental Programming of Chronic Inflammatory Diseases due to Perinatal Exposure to Maternal Obesity. Diabetes, 2019, 68, . | 0.6 | 0 |
| 11 | Melatonin Improves Mitochondrial Respiration in Syncytiotrophoblasts From Placentas of Obese Women. Reproductive Sciences, 2018, 25, 120-130. | 2.5 | 22 |
| 12 | Tropomyosin Receptor Kinase B Agonist, 7,8-Dihydroxyflavone, Improves Mitochondrial Respiration in Placentas From Obese Women. Reproductive Sciences, 2018, 25, 452-462. | 2.5 | 6 |
| 13 | Autophagy and Fetal Programming. , 2018, , 225-235. | | 0 |
| 14 | Maternal obesity alters brain derived neurotrophic factor (BDNF) signaling in the placenta in a sexually dimorphic manner. Placenta, 2017, 49, 55-63. | 1.5 | 34 |
| 15 | 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, S10-S14. | 1.5 | 16 |
| 16 | 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, , . | 0.3 | 6 |
| 17 | Sexual dimorphism in the fetal cardiac response to maternal nutrient restriction. Journal of Molecular and Cellular Cardiology, 2017, 108, 181-193. | 1.9 | 41 |
| 18 | Increased Hemodynamic Load in Early Embryonic Stages Alters Endocardial to Mesenchymal Transition. Frontiers in Physiology, 2017, 8, 56. | 2.8 | 31 |

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|---|---|---|---|
| 19 | Increased Hemodynamic Load in Early Embryonic Stages Alters Myofibril and Mitochondrial Organization in the Myocardium. Frontiers in Physiology, 2017, 8, 631. | 2.8 | 15 |
| 20 | Manipulation of TRKB activation alters cellular respiration in syncytiotrophoblasts. Placenta, 2016, 45, 66-67. | 1.5 | 0 |
| 21 | Mitochondrial function and glucose metabolism in the placenta with gestational diabetes mellitus: role of miR-143. Clinical Science, 2016, 130, 931-941. | 4.3 | 101 |
| 22 | Placental metabolic flexibility is affected by maternal obesity. Placenta, 2016, 45, 69. | 1.5 | 4 |
| 23 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 9.1 | 4,701 |
| 24 | Obesity and Placental Function. Seminars in Reproductive Medicine, 2016, 34, 042-049. | 1.1 | 128 |
| 25 | Sexual dimorphism in activation of placental autophagy in obese women with evidence for fetal programming from a placenta-specific mouse model. Autophagy, 2016, 12, 752-769. | 9.1 | 64 |
| 26 | Sexual dimorphism in miR-210 expression and mitochondrial dysfunction in the placenta with maternal obesity. International Journal of Obesity, 2015, 39, 1274-1281. | 3.4 | 91 |
| 27 | Effect of Preeclampsia on Placental Function: Influence of Sexual Dimorphism, microRNAâ€™s and Mitochondria. Advances in Experimental Medicine and Biology, 2014, 814, 133-146. | 1.6 | 48 |
| 28 | Activation of NFkB1 in syncytiotrophoblasts regulates the expression of miR-210 and mitochondrial respiration in a fetal sex-dependent manner. Placenta, 2014, 35, A28. | 1.5 | 0 |
| 29 | Impaired mitochondrial function in human placenta with increased maternal adiposity. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E419-E425. | 3.5 | 129 |
| 30 | Abstract 15515: Sexual Dimorphism in Cardiac Response to Intrauterine Growth Restriction (IUGR). Circulation, 2014, 130, . | 1.6 | 2 |
| 31 | Evidence of sexual dimorphism in the placental function with severe preeclampsia. Placenta, 2013, 34, 1183-1189. | 1.5 | 77 |
| 32 | Identification and comparative analyses of myocardial miRNAs involved in the fetal response to maternal obesity. Physiological Genomics, 2013, 45, 889-900. | 2.3 | 67 |
| 33 | Placenta-specific loss of autophagy predisposes the offspring to obesity and hyperglycemia. Placenta, 2013, 34, A90-A91. | 1.5 | 0 |
| 34 | MIR-210 modulates mitochondrial respiration in placenta with preeclampsia. Placenta, 2012, 33, 816-823. | 1.5 | 193 |
| 35 | Measurement of mitochondrial respiration in trophoblast culture. Placenta, 2012, 33, 456-458. | 1.5 | 34 |
| 36 | Manipulation of Death Pathways in Desmin-Related Cardiomyopathy. Circulation Research, 2010, 106, 1524-1532. | 4.5 | 60 |

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|---|---|---|---|
| 37 | Autophagy in desmin-related cardiomyopathy: Thoughts at the halfway point. Autophagy, 2010, 6, 665-666. | 9.1 | 15 |
| 38 | Biochemical and Mechanical Dysfunction in a Mouse Model of Desmin-Related Myopathy. Circulation Research, 2009, 104, 1021-1028. | 4.5 | 48 |
| 39 | Cardiomyocyte Expression of a Polyglutamine Preamyloid Oligomer Causes Heart Failure. Circulation, 2008, 117, 2743-2751. | 1.6 | 126 |
| 40 | Exercise reverses preamyloid oligomer and prolongs survival in ÂB-crystallin-based desmin-related cardiomyopathy. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5995-6000. | 7.1 | 76 |
| 41 | HIF-1Î±-targeted pathways are activated by heat acclimation and contribute to acclimation-ischemic cross-tolerance in the heart. Physiological Genomics, 2005, 23, 79-88. | 2.3 | 119 |
| 42 | Mitochondrial Dysfunction and Apoptosis Underlie the Pathogenic Process in Î±-B-Crystallin Desmin-Related Cardiomyopathy. Circulation, 2005, 112, 3451-3461. | 1.6 | 174 |
| 43 | Desmin-related cardiomyopathy in transgenic mice: A cardiac amyloidosis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10132-10136. | 7.1 | 262 |
| 44 | Non-Conventional Long-Lasting Cardioprotection Induced by Chronic Exposure to Ambient Heat. Progress in Experimental Cardiology, 2004, , 525-533. | 0.0 | 0 |
| 45 | Î²-Adrenergic signaling and thyroid hormones affect HSP72 expression during heat acclimation. Journal of Applied Physiology, 2002, 93, 107-115. | 2.5 | 63 |
| 46 | Adenoviral transfer of HSP-70 into pulmonary epithelium ameliorates experimental acute respiratory distress syndrome. Journal of Clinical Investigation, 2002, 110, 801-806. | 8.2 | 101 |
| 47 | Adenoviral transfer of HSP-70 into pulmonary epithelium ameliorates experimental acute respiratory distress syndrome. Journal of Clinical Investigation, 2002, 110, 801-806. | 8.2 | 60 |
| 48 | Heat-acclimation-ischemia cross-tolerance: Does HIF-1Î± play a role?. Journal of Molecular and Cellular Cardiology, 2001, 33, A72. | 1.9 | 6 |
| 49 | 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-R1515. | 1.8 | 115 |
| 50 | HSP 70 kDa Dynamics in Animals Undergoing Heat Stress Superimposed on Heat Acclimation. Annals of the New York Academy of Sciences, 1997, 813, 617-619. | 3.8 | 27 |