

Emin Maltepe

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,231
citations

623734

14
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1881
citing authors

#	ARTICLE	IF	CITATIONS
1	Human placental trophoblast progenitor cells (hTPCs) promote angiogenesis and neurogenesis after focal cerebral ischemia in rats. <i>International Journal of Neuroscience</i> , 2022, 132, 258-268.	1.6	5
2	Defining Longer-Term Outcomes in an Ovine Model of Moderate Perinatal Hypoxia-Ischemia. <i>Developmental Neuroscience</i> , 2022, 44, 277-294.	2.0	4
3	HIF-1 \pm promotes cellular growth in lymphatic endothelial cells exposed to chronically elevated pulmonary lymph flow. <i>Scientific Reports</i> , 2021, 11, 1468.	3.3	5
4	Monitoring deep-tissue oxygenation with a millimeter-scale ultrasonic implant. <i>Nature Biotechnology</i> , 2021, 39, 855-864.	17.5	74
5	Sex-specific epigenetic profile of inner cell mass of mice conceived <i>in vivo</i> or by IVF. <i>Molecular Human Reproduction</i> , 2020, 26, 866-878.	2.8	11
6	Mechanical forces alter endothelin α_1 signaling: comparative ovine models of congenital heart disease. <i>Pulmonary Circulation</i> , 2020, 10, 1-12.	1.7	2
7	Complex interplay between autophagy and oxidative stress in the development of pulmonary disease. <i>Redox Biology</i> , 2020, 36, 101679.	9.0	187
8	Defining the ATPome reveals cross-optimization of metabolic pathways. <i>Nature Communications</i> , 2020, 11, 4319.	12.8	17
9	Effect of culture conditions and method of conception on mouse live birth rate. <i>F&S Science</i> , 2020, 1, 132-141.	0.9	1
10	Pulmonary Endothelial Mechanical Sensing and Signaling, a Story of Focal Adhesions and Integrins in Ventilator Induced Lung Injury. <i>Frontiers in Physiology</i> , 2019, 10, 511.	2.8	18
11	Biomechanical Forces and Oxidative Stress: Implications for Pulmonary Vascular Disease. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 819-842.	5.4	27
12	Preservation of myocardial contractility during acute hypoxia with OMX-CV, a novel oxygen delivery biotherapeutic. <i>PLoS Biology</i> , 2018, 16, e2005924.	5.6	15
13	KLF2-mediated disruption of PPAR β signaling in lymphatic endothelial cells exposed to chronically increased pulmonary lymph flow. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H173-H181.	3.2	14
14	Disrupted NOS signaling in lymphatic endothelial cells exposed to chronically increased pulmonary lymph flow. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H137-H145.	3.2	19
15	Pulmonary artery smooth muscle cell hyperproliferation and metabolic shift triggered by pulmonary overcirculation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H944-H957.	3.2	28
16	HIGD1A-mediated dormancy and tumor survival. <i>Molecular and Cellular Oncology</i> , 2015, 2, e1030537.	0.7	14
17	HIGD1A Regulates Oxygen Consumption, ROS Production, and AMPK Activity during Glucose Deprivation to Modulate Cell Survival and Tumor Growth. <i>Cell Reports</i> , 2015, 10, 891-899.	6.4	79
18	LIMK1 Regulates Human Trophoblast Invasion/Differentiation and Is Down-Regulated in Preeclampsia. <i>American Journal of Pathology</i> , 2014, 184, 3321-3331.	3.8	18

#	ARTICLE	IF	CITATIONS
19	Placental Syncytium Forms a Biophysical Barrier against Pathogen Invasion. PLoS Pathogens, 2013, 9, e1003821.	4.7	76
20	ECM-Dependent HIF Induction Directs Trophoblast Stem Cell Fate via LIMK1-Mediated Cytoskeletal Rearrangement. PLoS ONE, 2013, 8, e56949.	2.5	31
21	Nuclear Localization of the Mitochondrial Factor HIGD1A during Metabolic Stress. PLoS ONE, 2013, 8, e62758.	2.5	32
22	The placenta: transcriptional, epigenetic, and physiological integration during development. Journal of Clinical Investigation, 2010, 120, 1016-1025.	8.2	237
23	Oxygen in Health and Disease: Regulation of Oxygen Homeostasis-Clinical Implications. Pediatric Research, 2009, 65, 261-268.	2.3	166
24	Hypoxia-inducible factor-dependent histone deacetylase activity determines stem cell fate in the placenta. Development (Cambridge), 2005, 132, 3393-3403.	2.5	150