

Emin Maltepe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3004056/publications.pdf>

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	The placenta: transcriptional, epigenetic, and physiological integration during development. <i>Journal of Clinical Investigation</i> , 2010, 120, 1016-1025.	8.2	237
2	Complex interplay between autophagy and oxidative stress in the development of pulmonary disease. <i>Redox Biology</i> , 2020, 36, 101679.	9.0	187
3	Oxygen in Health and Disease: Regulation of Oxygen Homeostasis-Clinical Implications. <i>Pediatric Research</i> , 2009, 65, 261-268.	2.3	166
4	Hypoxia-inducible factor-dependent histone deacetylase activity determines stem cell fate in the placenta. <i>Development (Cambridge)</i> , 2005, 132, 3393-3403.	2.5	150
5	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
6	Placental Syncytium Forms a Biophysical Barrier against Pathogen Invasion. <i>PLoS Pathogens</i> , 2013, 9, e1003821.	4.7	76
7	Monitoring deep-tissue oxygenation with a millimeter-scale ultrasonic implant. <i>Nature Biotechnology</i> , 2021, 39, 855-864.	17.5	74
8	Nuclear Localization of the Mitochondrial Factor HIGD1A during Metabolic Stress. <i>PLoS ONE</i> , 2013, 8, e62758.	2.5	32
9	ECM-Dependent HIF Induction Directs Trophoblast Stem Cell Fate via LIMK1-Mediated Cytoskeletal Rearrangement. <i>PLoS ONE</i> , 2013, 8, e56949.	2.5	31
10	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
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	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
13	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
14	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
15	Defining the ATPome reveals cross-optimization of metabolic pathways. <i>Nature Communications</i> , 2020, 11, 4319.	12.8	17
16	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
17	HIGD1A-mediated dormancy and tumor survival. <i>Molecular and Cellular Oncology</i> , 2015, 2, e1030537.	0.7	14
18	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

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19	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
20	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
21	HIF-1 α promotes cellular growth in lymphatic endothelial cells exposed to chronically elevated pulmonary lymph flow. <i>Scientific Reports</i> , 2021, 11, 1468.	3.3	5
22	Defining Longer-Term Outcomes in an Ovine Model of Moderate Perinatal Hypoxia-Ischemia. <i>Developmental Neuroscience</i> , 2022, 44, 277-294.	2.0	4
23	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
24	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