Stella Kourembanas

List of Publications by Year
in descending order

43	4,236	23	43
papers	citations	h-index	g-index

279798 254184

46	46	46	5886
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exosomes Mediate the Cytoprotective Action of Mesenchymal Stromal Cells on Hypoxia-Induced Pulmonary Hypertension. Circulation, 2012, 126, 2601-2611.	1.6	686
2	Exosomes: Vehicles of Intercellular Signaling, Biomarkers, and Vectors of Cell Therapy. Annual Review of Physiology, 2015, 77, 13-27.	13.1	579
3	Bone Marrow Stromal Cells Attenuate Lung Injury in a Murine Model of Neonatal Chronic Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 1122-1130.	5.6	452
4	Mesenchymal Stromal Cell Exosomes Ameliorate Experimental Bronchopulmonary Dysplasia and Restore Lung Function through Macrophage Immunomodulation. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 104-116.	5.6	450
5	Prevention of Hypoxia-Induced Pulmonary Hypertension by Enhancement of Endogenous Heme Oxygenase-1 in the Rat. Circulation Research, 2000, 86, 1224-1229.	4.5	198
6	Systemic Administration of Human Bone Marrow-Derived Mesenchymal Stromal Cell Extracellular Vesicles Ameliorates <i>Aspergillus</i> Hyphal Extract-Induced Allergic Airway Inflammation in Immunocompetent Mice. Stem Cells Translational Medicine, 2015, 4, 1302-1316.	3.3	191
7	Mesenchymal Stem Cellâ€Mediated Reversal of Bronchopulmonary Dysplasia and Associated Pulmonary Hypertension. Pulmonary Circulation, 2012, 2, 170-181.	1.7	184
8	Toward Exosome-Based Therapeutics: Isolation, Heterogeneity, and Fit-for-Purpose Potency. Frontiers in Cardiovascular Medicine, 2017, 4, 63.	2.4	180
9	Mesenchymal stromal cell exosomes prevent and revert experimental pulmonary fibrosis through modulation of monocyte phenotypes. JCI Insight, 2019, 4, .	5.0	144
10	Endothelial Cells Synthesize Basic Fibroblast Growth Factor and Transforming Growth Factor Beta. Growth Factors, 1988, 1, 7-17.	1.7	119
11	The Sugen 5416/Hypoxia Mouse Model of Pulmonary Hypertension Revisited: Longâ€Term Followâ€Up. Pulmonary Circulation, 2014, 4, 619-629.	1.7	113
12	Endothelin-1 Production during the Acute Chest Syndrome in Sickle Cell Disease. American Journal of Respiratory and Critical Care Medicine, 1997, 156, 280-285.	5.6	106
13	Pulmonary hypertension in bronchopulmonary dysplasia. Pediatric Research, 2021, 89, 446-455.	2.3	103
14	Stem cellâ€“based therapies for the newborn lung and brain: Possibilities and challenges. Seminars in Perinatology, 2016, 40, 138-151.	2.5	64
15	Mesenchymal stromal cellâ€derived small extracellular vesicles restore lung architecture and improve exercise capacity in a model of neonatal hyperoxiaâ€induced lung injury. Journal of Extracellular Vesicles, 2020, 9, 1790874.	12.2	57
16	Hypoxia and Carbon Monoxide in the Vasculature. Antioxidants and Redox Signaling, 2002, 4, 291-299.	5.4	49
17	Macrophage Immunomodulation: The Gatekeeper for Mesenchymal Stem Cell Derived-Exosomes in Pulmonary Arterial Hypertension?. International Journal of Molecular Sciences, 2018, 19, 2534.	4.1	49
18	Increases in the 35kDa surfactant-associated protein and its mRNA followingin vivo dexamethasone treatment of fetal and neonatal rats. Electrophoresis, 1987, 8, 235-238.	2.4	48

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19	An Argonaute 2 switch regulates circulating miR-210 to coordinate hypoxic adaptation across cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2528-2542.	4.1	48
20	â€œGood things come in small packagesâ€: application of exosome-based therapeutics in neonatal lung injury. Pediatric Research, 2018, 83, 298-307.	2.3	48
21	Extracellular Vesicles Protect the Neonatal Lung from Hyperoxic Injury through the Epigenetic and Transcriptomic Reprogramming of Myeloid Cells. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 1418-1432.	5.6	36
22	Immortalization of human endothelial cells by murine sarcoma viruses, without morphologic transformation. Journal of Cellular Physiology, 1988, 134, 47-56.	4.1	32
23	Cell Therapy for Lung Diseases. Report from an NIHâ€“NHLBI Workshop, November 13â€“14, 2012. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 370-375.	5.6	29
24	Therapeutic Applications of Extracellular Vesicles: Perspectives from Newborn Medicine. Methods in Molecular Biology, 2017, 1660, 409-432.	0.9	26
25	Impaired Pulmonary Arterial Vasoconstriction and Nitric Oxideâ€“Mediated Relaxation Underlie Severe Pulmonary Hypertension in the Sugen-Hypoxia Rat Model. Journal of Pharmacology and Experimental Therapeutics, 2018, 364, 258-274.	2.5	24
26	Antenatal Mesenchymal Stromal Cell Extracellular Vesicle Therapy Prevents Preeclamptic Lung Injury in Mice. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 86-95.	2.9	24
27	Stem Cell-Based Therapy for Newborn Lung and Brain Injury: Feasible, Safe, and the Next Therapeutic Breakthrough?. Journal of Pediatrics, 2014, 164, 954-956.	1.8	19
28	Diagnosis and management of pulmonary hypertension in infants with bronchopulmonary dysplasia. Seminars in Fetal and Neonatal Medicine, 2022, 27, 101351.	2.3	18
29	Mesenchymal Stromal Cell-Derived Extracellular Vesicles Restore Thymic Architecture and T Cell Function Disrupted by Neonatal Hyperoxia. Frontiers in Immunology, 2021, 12, 640595.	4.8	17
30	Heme oxygenase-1 dampens the macrophage sterile inflammasome response and regulates its components in the hypoxic lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L125-L134.	2.9	16
31	Mesenchymal stromal cell-derived extracellular vesicle therapy prevents preeclamptic physiology through intrauterine immunomodulationâ€. Biology of Reproduction, 2021, 104, 457-467.	2.7	16
32	Paving the Road for Mesenchymal Stem Cell-Derived Exosome Therapy in Bronchopulmonary Dysplasia and Pulmonary Hypertension. , 2019, , 131-152.		15
33	Urine Proteomics for Noninvasive Monitoring of Biomarkers in Bronchopulmonary Dysplasia. Neonatology, 2022, 119, 193-203.	2.0	12
34	Antenatal mesenchymal stromal cell extracellular vesicle treatment preserves lung development in a model of bronchopulmonary dysplasia due to chorioamnionitis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 322, L179-L190.	2.9	12
35	Can We Cure Bronchopulmonary Dysplasia?. Journal of Pediatrics, 2017, 191, 12-14.	1.8	11
36	Gene and Stem Cell Therapies for Fetal Care. JAMA Pediatrics, 2020, 174, 985.	6.2	11

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37	Echocardiographic markers of pulmonary hemodynamics and right ventricular hypertrophy in rat models of pulmonary hypertension. Pulmonary Circulation, 2020, 10, 1-10.	1.7	11
38	Therapeutic Effects of Mesenchymal Stromal Cell-Derived Small Extracellular Vesicles in Oxygen-Induced Multi-Organ Disease: A Developmental Perspective. Frontiers in Cell and Developmental Biology, 2021, 9, 647025.	3.7	11
39	Expanding the Pool of Stem Cell Therapy for Lung Growth and Repair. Circulation, 2014, 129, 2091-2093.	1.6	6
40	Reply to Muraca et al.: Exosome Treatment of Bronchopulmonary Dysplasia: How Pure Should Your Exosome Preparation Be?. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 970-970.	5.6	3
41	Intratracheal transplantation of trophoblast stem cells attenuates acute lung injury in mice. Stem Cell Research and Therapy, 2021, 12, 487.	5.5	1
42	Therapeutic Extracellular Vesicles from Mesenchymal Stromal Cells: Can they help us restore lung development and evade BPD?. FASEB Journal, 2020, 34, 1-1.	0.5	1
43	Persistent Pulmonary Hypertension of the Newborn: Role of Nitric Oxide. Journal of Intensive Care Medicine, 1995, 10, 270-282.	2.8	0