

S Alex Mitsialis

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

5,082
citations

172207

29
h-index

253896

43
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48
all docs

48
docs citations

48
times ranked

6790
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal stromal cell-derived syndecan-2 regulates the immune response during sepsis to foster bacterial clearance and resolution of inflammation. <i>FEBS Journal</i> , 2022, 289, 417-435.	2.2	8
2	Antenatal Mesenchymal Stromal Cell Extracellular Vesicle Therapy Prevents Preeclamptic Lung Injury in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 86-95.	1.4	24
3	Antenatal mesenchymal stromal cell extracellular vesicle treatment preserves lung development in a model of bronchopulmonary dysplasia due to chorioamnionitis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L179-L190.	1.3	12
4	Mesenchymal stromal cell-derived extracellular vesicle therapy prevents preeclamptic physiology through intrauterine immunomodulation. <i>Biology of Reproduction</i> , 2021, 104, 457-467.	1.2	16
5	Therapeutic Effects of Mesenchymal Stromal Cell-Derived Small Extracellular Vesicles in Oxygen-Induced Multi-Organ Disease: A Developmental Perspective. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 647025.	1.8	11
6	Mesenchymal Stromal Cell-Derived Extracellular Vesicles Restore Thymic Architecture and T Cell Function Disrupted by Neonatal Hyperoxia. <i>Frontiers in Immunology</i> , 2021, 12, 640595.	2.2	17
7	Intratracheal transplantation of trophoblast stem cells attenuates acute lung injury in mice. <i>Stem Cell Research and Therapy</i> , 2021, 12, 487.	2.4	1
8	Extracellular Vesicles Protect the Neonatal Lung from Hyperoxic Injury through the Epigenetic and Transcriptomic Reprogramming of Myeloid Cells. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 1418-1432.	2.5	36
9	Heme oxygenase-1 dampens the macrophage sterile inflammasome response and regulates its components in the hypoxic lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L125-L134.	1.3	16
10	The Unsettling Ambiguity of Therapeutic Extracellular Vesicles from Mesenchymal Stromal Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 539-540.	1.4	5
11	Mesenchymal stromal cell-derived small extracellular vesicles restore lung architecture and improve exercise capacity in a model of neonatal hyperoxia-induced lung injury. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1790874.	5.5	57
12	Defining mesenchymal stromal cell (MSC)-derived small extracellular vesicles for therapeutic applications. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1609206.	5.5	400
13	Paving the Road for Mesenchymal Stem Cell-Derived Exosome Therapy in Bronchopulmonary Dysplasia and Pulmonary Hypertension. , 2019, , 131-152.		15
14	Mesenchymal stromal cell exosomes prevent and revert experimental pulmonary fibrosis through modulation of monocyte phenotypes. <i>JCI Insight</i> , 2019, 4, .	2.3	144
15	PPAR β agonist pioglitazone reverses pulmonary hypertension and prevents right heart failure via fatty acid oxidation. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	198
16	Mesenchymal Stromal Cell Exosomes Ameliorate Experimental Bronchopulmonary Dysplasia and Restore Lung Function through Macrophage Immunomodulation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 104-116.	2.5	450
17	Reply to Muraca et al.: Exosome Treatment of Bronchopulmonary Dysplasia: How Pure Should Your Exosome Preparation Be?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 970-970.	2.5	3
18	Macrophage Immunomodulation: The Gatekeeper for Mesenchymal Stem Cell Derived-Exosomes in Pulmonary Arterial Hypertension?. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2534.	1.8	49

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19	“Good things come in small packages” application of exosome-based therapeutics in neonatal lung injury. <i>Pediatric Research</i> , 2018, 83, 298-307.	1.1	48
20	Late Breaking Abstract - Mesenchymal stromal cell exosomes prevent and revert experimental pulmonary fibrosis through systemic modulation of monocyte phenotypes. , 2018, , .		0
21	Therapeutic Applications of Extracellular Vesicles: Perspectives from Newborn Medicine. <i>Methods in Molecular Biology</i> , 2017, 1660, 409-432.	0.4	26
22	Toward Exosome-Based Therapeutics: Isolation, Heterogeneity, and Fit-for-Purpose Potency. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 63.	1.1	180
23	Stem cell-based therapies for the newborn lung and brain: Possibilities and challenges. <i>Seminars in Perinatology</i> , 2016, 40, 138-151.	1.1	64
24	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. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1302-1316.	1.6	191
25	The Sugen 5416/Hypoxia Mouse Model of Pulmonary Hypertension Revisited: Long-Term Follow-Up. <i>Pulmonary Circulation</i> , 2014, 4, 619-629.	0.8	113
26	An Argonaute 2 switch regulates circulating miR-210 to coordinate hypoxic adaptation across cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2528-2542.	1.9	48
27	Endothelial Indoleamine 2,3-Dioxygenase Protects against Development of Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 482-491.	2.5	41
28	Vasculoprotective effects of heme oxygenase-1 in a murine model of hyperoxia-induced bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L775-L784.	1.3	39
29	Mesenchymal Stem Cell-Mediated Reversal of Bronchopulmonary Dysplasia and Associated Pulmonary Hypertension. <i>Pulmonary Circulation</i> , 2012, 2, 170-181.	0.8	184
30	Improved pulmonary vascular reactivity and decreased hypertrophic remodeling during nonhypercapnic acidosis in experimental pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L875-L890.	1.3	26
31	Exosomes Mediate the Cytoprotective Action of Mesenchymal Stromal Cells on Hypoxia-Induced Pulmonary Hypertension. <i>Circulation</i> , 2012, 126, 2601-2611.	1.6	686
32	Bronchioalveolar stem cells increase after mesenchymal stromal cell treatment in a mouse model of bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L829-L837.	1.3	209
33	Mesenchymal Stromal Cells Expressing Heme Oxygenase-1 Reverse Pulmonary Hypertension. <i>Stem Cells</i> , 2011, 29, 99-107.	1.4	105
34	Early Macrophage Recruitment and Alternative Activation Are Critical for the Later Development of Hypoxia-Induced Pulmonary Hypertension. <i>Circulation</i> , 2011, 123, 1986-1995.	1.6	222
35	Divergent Cardiopulmonary Actions of Heme Oxygenase Enzymatic Products in Chronic Hypoxia. <i>PLoS ONE</i> , 2009, 4, e5978.	1.1	24
36	Mutation of Murine Adenylate Kinase 7 Underlies a Primary Ciliary Dyskinesia Phenotype. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 40, 305-313.	1.4	74

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37	Bone Marrow Stromal Cells Attenuate Lung Injury in a Murine Model of Neonatal Chronic Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 1122-1130.	2.5	452
38	Absence of Cyclooxygenase-2 Exacerbates Hypoxia-Induced Pulmonary Hypertension and Enhances Contractility of Vascular Smooth Muscle Cells. <i>Circulation</i> , 2008, 117, 2114-2122.	1.6	80
39	The Role of Heme Oxygenase-1 in Pulmonary Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 158-165.	1.4	178
40	Hypoxia Regulates Bone Morphogenetic Protein Signaling Through C-Terminal- α -Binding Protein 1. <i>Circulation Research</i> , 2006, 99, 240-247.	2.0	37
41	Extracellular acidosis induces heme oxygenase-1 expression in vascular smooth muscle cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H2647-H2652.	1.5	40
42	Targeted Expression of Heme Oxygenase-1 and Pulmonary Responses to Hypoxia. , 2002, , 193-204.		0
43	Carbon Monoxide Controls the Proliferation of Hypoxic Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 32804-32809.	1.6	299
44	Ultraspiracle, a <i>Drosophila</i> Retinoic X Receptor $\hat{=}$ Homologue, Can Mobilize the Human Thyroid Hormone Receptor To Transactivate a Human Promoter. <i>Biochemistry</i> , 1997, 36, 9221-9231.	1.2	31
45	Retinoic acid alters the expression of pattern-related genes in the developing rat lung. , 1996, 207, 47-59.		75
46	Transgenic regulation of moth chorion gene promoters in <i>Drosophila</i> : Tissue, temporal, and quantitative control of four bidirectional promoters. <i>Journal of Molecular Evolution</i> , 1989, 29, 486-495.	0.8	27
47	Regulatory elements controlling chorion gene expression are conserved between flies and moths. <i>Nature</i> , 1985, 317, 453-456.	13.7	121