Marcelo Marcos Morales

List of Publications by Year in Descending Order

78 papers	1,754 citations	26 h-index	37 g-index
82 ext. papers	2,135 ext. citations	4.8 avg, IF	4.51 L-index

#	Paper	IF	Citations
78	Pathogenesis of Multiple Organ Injury in COVID-19 and Potential Therapeutic Strategies. *Frontiers in Physiology*, **2021**, 12, 593223	4.6	42
77	Autologous bone marrow-derived mononuclear cell therapy in three patients with severe asthma. *Stem Cell Research and Therapy*, **2020**, 11, 167	8.3	6
76	Nanoparticle-based thymulin gene therapy therapeutically reverses key pathology of experimental allergic asthma. *Science Advances*, **2020**, 6, eaay7973	14.3	15
75	Magnetic targeting increases mesenchymal stromal cell retention in lungs and enhances beneficial effects on pulmonary damage in experimental silicosis. *Stem Cells Translational Medicine*, **2020**, 9, 1244-1256	6.9	7
74	Multiple doses of adipose tissue-derived mesenchymal stromal cells induce immunosuppression in experimental asthma. *Stem Cells Translational Medicine*, **2020**, 9, 250-260	6.9	19
73	Eicosapentaenoic acid potentiates the therapeutic effects of adipose tissue-derived mesenchymal stromal cells on lung and distal organ injury in experimental sepsis. *Stem Cell Research and Therapy*, **2019**, 10, 264	8.3	15
72	Mesenchymal Stromal Cells Are More Effective Than Their Extracellular Vesicles at Reducing Lung Injury Regardless of Acute Respiratory Distress Syndrome Etiology. *Stem Cells International*, **2019**, 2019, 8262849	5	34
71	Glutamine Therapy Reduces Inflammation and Extracellular Trap Release in Experimental Acute Respiratory Distress Syndrome of Pulmonary Origin. *Nutrients*, **2019**, 11,	6.7	9
70	Effects of Protective Mechanical Ventilation With Different PEEP Levels on Alveolar Damage and Inflammation in a Model of Open Abdominal Surgery: A Randomized Study in Obese Versus Non-obese Rats. *Frontiers in Physiology*, **2019**, 10, 1513	4.6	4
69	Mesenchymal Stromal Cells Induce Podocyte Protection in the Puromycin Injury Model. *Scientific Reports*, **2019**, 9, 19604	4.9	5
68	Serum from Asthmatic Mice Potentiates the Therapeutic Effects of Mesenchymal Stromal Cells in Experimental Allergic Asthma. *Stem Cells Translational Medicine*, **2019**, 8, 301-312	6.9	28
67	Therapeutic effects of adipose-tissue-derived mesenchymal stromal cells and their extracellular vesicles in experimental silicosis. *Respiratory Research*, **2018**, 19, 104	7.3	28
66	Bone Marrow-Derived Mononuclear Cell Therapy in Papain-Induced Experimental Pulmonary Emphysema. *Frontiers in Physiology*, **2018**, 9, 121	4.6	7
65	Impact of Different Tidal Volume Levels at Low Mechanical Power on Ventilator-Induced Lung Injury in Rats. *Frontiers in Physiology*, **2018**, 9, 318	4.6	20
64	Eicosapentaenoic Acid Enhances the Effects of Mesenchymal Stromal Cell Therapy in Experimental Allergic Asthma. *Frontiers in Immunology*, **2018**, 9, 1147	8.4	27
63	Effects of static magnetic fields on natural or magnetized mesenchymal stromal cells: Repercussions for magnetic targeting. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2018**, 14, 2075-2085	6	8
62	Mesenchymal Stem Cells From Bone Marrow, Adipose Tissue, and Lung Tissue Differentially Mitigate Lung and Distal Organ Damage in Experimental Acute Respiratory Distress Syndrome. *Critical Care Medicine*, **2018**, 46, e132-e140	1.4	43

61	Impact of one versus two doses of mesenchymal stromal cells on lung and cardiovascular repair in experimental emphysema. *Stem Cell Research and Therapy*, **2018**, 9, 296	8.3	14
60	Self-complementary and tyrosine-mutant rAAV vectors enhance transduction in cystic fibrosis bronchial epithelial cells. *Experimental Cell Research*, **2018**, 372, 99-107	4.2	3
59	Environmental obesogen tributyltin chloride leads to abnormal hypothalamic-pituitary-gonadal axis function by disruption in kisspeptin/leptin signaling in female rats. *Toxicology and Applied Pharmacology*, **2017**, 319, 22-38	4.6	51
58	Bone Marrow, Adipose, and Lung Tissue-Derived Murine Mesenchymal Stromal Cells Release Different Mediators and Differentially Affect Airway and Lung Parenchyma in Experimental Asthma. *Stem Cells Translational Medicine*, **2017**, 6, 1557-1567	6.9	52
57	Magnetic targeting as a strategy to enhance therapeutic effects of mesenchymal stromal cells. *Stem Cell Research and Therapy*, **2017**, 8, 58	8.3	31
56	New perspectives in nanotherapeutics for chronic respiratory diseases. *Biophysical Reviews*, **2017**, 9, 793-803	3.7	36
55	Effects of pressure support and pressure-controlled ventilation on lung damage in a model of mild extrapulmonary acute lung injury with intra-abdominal hypertension. *PLoS ONE*, **2017**, 12, e0178207	3.7	6
54	Therapeutic effects of bone marrow-derived mononuclear cells from healthy or silicotic donors on recipient silicosis mice. *Stem Cell Research and Therapy*, **2017**, 8, 259	8.3	9
53	Diabetic rats present higher urinary loss of proteins and lower renal expression of megalin, cubilin, ClC-5, and CFTR. *Physiological Reports*, **2017**, 5, e13335	2.6	13
52	Human adipose tissue mesenchymal stromal cells and their extracellular vesicles act differentially on lung mechanics and inflammation in experimental allergic asthma. *Stem Cell Research and Therapy*, **2017**, 8, 151	8.3	66
51	Impaired PGE2-stimulated Cl- and HCO3- secretion contributes to cystic fibrosis airway disease. *PLoS ONE*, **2017**, 12, e0189894	3.7	5
50	Comparison between effects of pressure support and pressure-controlled ventilation on lung and diaphragmatic damage in experimental emphysema. *Intensive Care Medicine Experimental*, **2016**, 4, 35	3.7	8
49	Tyrosine Mutation in AAV9 Capsid Improves Gene Transfer to the Mouse Lung. *Cellular Physiology and Biochemistry*, **2016**, 39, 544-53	3.9	9
48	Regulation of CFTR Expression and Arginine Vasopressin Activity Are Dependent on Polycystin-1 in Kidney-Derived Cells. *Cellular Physiology and Biochemistry*, **2016**, 38, 28-39	3.9	6
47	Respiratory and Systemic Effects of LASSBio596 Plus Surfactant in Experimental Acute Respiratory Distress Syndrome. *Cellular Physiology and Biochemistry*, **2016**, 38, 821-35	3.9	8
46	Cell-Based Therapy for Silicosis. *Stem Cells International*, **2016**, 2016, 5091838	5	55
45	Association with Amino Acids Does Not Enhance Efficacy of Polymerized Liposomes As a System for Lung Gene Delivery. *Frontiers in Physiology*, **2016**, 7, 151	4.6	3
44	Moderate Aerobic Training Improves Cardiorespiratory Parameters in Elastase-Induced Emphysema. *Frontiers in Physiology*, **2016**, 7, 329	4.6	8

43	Correctors Rescue CFTR Mutations in Nucleotide-Binding Domain 1 (NBD1) by Modulating Proteostasis. *ChemBioChem*, **2016**, 17, 493-505	3.8	18
42	Variable ventilation improves pulmonary function and reduces lung damage without increasing bacterial translocation in a rat model of experimental pneumonia. *Respiratory Research*, **2016**, 17, 158	7.3	8
41	Direct electric current treatment modifies mitochondrial function and lipid body content in the A549 cancer cell line. *Bioelectrochemistry*, **2016**, 111, 83-92	5.6	10
40	Highly compacted biodegradable DNA nanoparticles capable of overcoming the mucus barrier for inhaled lung gene therapy. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 8720-5	11.5	125
39	Combination of Correctors Rescue ΔF508-CFTR by Reducing Its Association with Hsp40 and Hsp27. *Journal of Biological Chemistry*, **2015**, 290, 25636-45	5.4	29
38	Pilot safety study of intrabronchial instillation of bone marrow-derived mononuclear cells in patients with silicosis. *BMC Pulmonary Medicine*, **2015**, 15, 66	3.5	21
37	Mesenchymal stromal cell therapy attenuated lung and kidney injury but not brain damage in experimental cerebral malaria. *Stem Cell Research and Therapy*, **2015**, 6, 102	8.3	15
36	Therapeutic effects of LASSBio-596 in an elastase-induced mouse model of emphysema. *Frontiers in Physiology*, **2015**, 6, 267	4.6	14
35	The Effects of Dasatinib in Experimental Acute Respiratory Distress Syndrome Depend on Dose and Etiology. *Cellular Physiology and Biochemistry*, **2015**, 36, 1644-58	3.9	22
34	Effects of early and late pneumothorax drainage on the development of pulmonary oedema. *Respiratory Physiology and Neurobiology*, **2014**, 195, 27-36	2.8	2
33	Effects of short-term propofol and dexmedetomidine on pulmonary morphofunction and biological markers in experimental mild acute lung injury. *Respiratory Physiology and Neurobiology*, **2014**, 203, 45-50	2.8	16
32	CFTR and TNR-CFTR expression and function in the kidney. *Biophysical Reviews*, **2014**, 6, 227-236	3.7	9
31	DNA nanoparticle-mediated thymulin gene therapy prevents airway remodeling in experimental allergic asthma. *Journal of Controlled Release*, **2014**, 180, 125-33	11.7	42
30	Effects of bone marrow-derived mononuclear cells from healthy or acute respiratory distress syndrome donors on recipient lung-injured mice. *Critical Care Medicine*, **2014**, 42, e510-24	1.4	17
29	Infusion of bone marrow mononuclear cells reduces lung fibrosis but not inflammation in the late stages of murine silicosis. *PLoS ONE*, **2014**, 9, e109982	3.7	19
28	Effects of different mesenchymal stromal cell sources and delivery routes in experimental emphysema. *Respiratory Research*, **2014**, 15, 118	7.3	109
27	Effects of bone marrow mononuclear cells from healthy or ovalbumin-induced lung inflammation donors on recipient allergic asthma mice. *Stem Cell Research and Therapy*, **2014**, 5, 108	8.3	17
26	Single tyrosine mutation in AAV8 vector capsid enhances gene lung delivery and does not alter lung morphofunction in mice. *Cellular Physiology and Biochemistry*, **2014**, 34, 681-90	3.9	11

25	Bone marrow-derived mononuclear cells vs. mesenchymal stromal cells in experimental allergic asthma. *Respiratory Physiology and Neurobiology*, **2013**, 187, 190-8	2.8	41
24	Bone marrow mononuclear cell therapy in experimental allergic asthma: intratracheal versus intravenous administration. *Respiratory Physiology and Neurobiology*, **2013**, 185, 615-24	2.8	23
23	Insult-dependent effect of bone marrow cell therapy on inflammatory response in a murine model of extrapulmonary acute respiratory distress syndrome. *Stem Cell Research and Therapy*, **2013**, 4, 123	8.3	15
22	Repeated administration of bone marrow-derived cells prevents disease progression in experimental silicosis. *Cellular Physiology and Biochemistry*, **2013**, 32, 1681-94	3.9	26
21	Effects of mesenchymal stem cell therapy on the time course of pulmonary remodeling depend on the etiology of lung injury in mice. *Critical Care Medicine*, **2013**, 41, e319-33	1.4	49
20	Nanoparticle-based therapy for respiratory diseases. *Anais Da Academia Brasileira De Ciencias*, **2013** , 85, 137-46	1.4	30
19	Selection of candidate genes for hypertension on rat chromosome 4 from shr using expression profilling in kidney and subcongenic strain development. *FASEB Journal*, **2013**, 27, 955.5	0.9	
18	Protective effects of bone marrow mononuclear cell therapy on lung and heart in an elastase-induced emphysema model. *Respiratory Physiology and Neurobiology*, **2012**, 182, 26-36	2.8	39
17	Dexamethasone regulates CFTR expression in Calu-3 cells with the involvement of chaperones HSP70 and HSP90. *PLoS ONE*, **2012**, 7, e47405	3.7	20
16	Effects of bone marrow-derived mononuclear cells on airway and lung parenchyma remodeling in a murine model of chronic allergic inflammation. *Respiratory Physiology and Neurobiology*, **2011**, 175, 153-63	2.8	26
15	Early and late effects of bone marrow-derived mononuclear cell therapy on lung and distal organs in experimental sepsis. *Respiratory Physiology and Neurobiology*, **2011**, 178, 304-14	2.8	21
14	Mechanisms of cellular therapy in respiratory diseases. *Intensive Care Medicine*, **2011**, 37, 1421-31	14.5	48
13	The hypertonic environment differentially regulates wild-type CFTR and TNR-CFTR chloride channels. *Cellular Physiology and Biochemistry*, **2010**, 26, 577-86	3.9	4
12	Role of CFTR and ClC-5 in modulating vacuolar H+-ATPase activity in kidney proximal tubule. *Cellular Physiology and Biochemistry*, **2010**, 26, 563-76	3.9	25
11	Bone marrow-derived mononuclear cell therapy in experimental pulmonary and extrapulmonary acute lung injury. *Critical Care Medicine*, **2010**, 38, 1733-41	1.4	54
10	Intratracheal instillation of bone marrow-derived cell in an experimental model of silicosis. *Respiratory Physiology and Neurobiology*, **2009**, 169, 227-33	2.8	26
9	Does the use of recombinant AAV2 in pulmonary gene therapy damage lung function?. *Respiratory Physiology and Neurobiology*, **2008**, 160, 91-8	2.8	3
8	Small nuclear RNAs U11 and U12 modulate expression of TNR-CFTR mRNA in mammalian kidneys. *Cellular Physiology and Biochemistry*, **2008**, 22, 93-100	3.9	5

7	Thyroid hormones stimulate renal expression of CFTR. *Cellular Physiology and Biochemistry*, **2007**, 20, 83-90	3.9	6
6	Absence of ClC5 in knockout mice leads to glycosuria, impaired renal glucose handling and low proximal tubule GLUT2 protein expression. *Cellular Physiology and Biochemistry*, **2007**, 20, 455-64	3.9	21
5	Modulation of renal CNG-A3 sodium channel in rats subjected to low- and high-sodium diets. *Biochimica Et Biophysica Acta - Biomembranes*, **2004**, 1665, 101-10	3.8	1
4	Estrogen modulates ClC-2 chloride channel gene expression in rat kidney. *Pflugers Archiv European Journal of Physiology*, **2003**, 446, 593-9	4.6	11
3	Aldosterone and high-NaCl diet modulate ClC-2 chloride channel gene expression in rat kidney. *Pflugers Archiv European Journal of Physiology*, **2002**, 444, 193-201	4.6	11
2	Arginine vasopressin regulates CFTR and ClC-2 mRNA expression in rat kidney cortex and medulla. *Pflugers Archiv European Journal of Physiology*, **2001**, 443, 202-11	4.6	13
1	The cystic fibrosis transmembrane regulator (CFTR) in the kidney. *Anais Da Academia Brasileira De Ciencias*, **2000**, 72, 399-406	1.4	28