

Marcelo Marcos Morales

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Highly compacted biodegradable DNA nanoparticles capable of overcoming the mucus barrier for inhaled lung gene therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 8720-5	11.5	125
77	Effects of different mesenchymal stromal cell sources and delivery routes in experimental emphysema. <i>Respiratory Research</i> , 2014 , 15, 118	7.3	109
76	Human adipose tissue mesenchymal stromal cells and their extracellular vesicles act differentially on lung mechanics and inflammation in experimental allergic asthma. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 151	8.3	66
75	Cell-Based Therapy for Silicosis. <i>Stem Cells International</i> , 2016 , 2016, 5091838	5	55
74	Bone marrow-derived mononuclear cell therapy in experimental pulmonary and extrapulmonary acute lung injury. <i>Critical Care Medicine</i> , 2010 , 38, 1733-41	1.4	54
73	Bone Marrow, Adipose, and Lung Tissue-Derived Murine Mesenchymal Stromal Cells Release Different Mediators and Differentially Affect Airway and Lung Parenchyma in Experimental Asthma. <i>Stem Cells Translational Medicine</i> , 2017 , 6, 1557-1567	6.9	52
72	Environmental obesogen tributyltin chloride leads to abnormal hypothalamic-pituitary-gonadal axis function by disruption in kisspeptin/leptin signaling in female rats. <i>Toxicology and Applied Pharmacology</i> , 2017 , 319, 22-38	4.6	51
71	Effects of mesenchymal stem cell therapy on the time course of pulmonary remodeling depend on the etiology of lung injury in mice. <i>Critical Care Medicine</i> , 2013 , 41, e319-33	1.4	49
70	Mechanisms of cellular therapy in respiratory diseases. <i>Intensive Care Medicine</i> , 2011 , 37, 1421-31	14.5	48
69	Mesenchymal Stem Cells From Bone Marrow, Adipose Tissue, and Lung Tissue Differentially Mitigate Lung and Distal Organ Damage in Experimental Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2018 , 46, e132-e140	1.4	43
68	DNA nanoparticle-mediated thymulin gene therapy prevents airway remodeling in experimental allergic asthma. <i>Journal of Controlled Release</i> , 2014 , 180, 125-33	11.7	42
67	Pathogenesis of Multiple Organ Injury in COVID-19 and Potential Therapeutic Strategies. <i>Frontiers in Physiology</i> , 2021 , 12, 593223	4.6	42
66	Bone marrow-derived mononuclear cells vs. mesenchymal stromal cells in experimental allergic asthma. <i>Respiratory Physiology and Neurobiology</i> , 2013 , 187, 190-8	2.8	41
65	Protective effects of bone marrow mononuclear cell therapy on lung and heart in an elastase-induced emphysema model. <i>Respiratory Physiology and Neurobiology</i> , 2012 , 182, 26-36	2.8	39
64	New perspectives in nanotherapeutics for chronic respiratory diseases. <i>Biophysical Reviews</i> , 2017 , 9, 793-803	3.7	36
63	Mesenchymal Stromal Cells Are More Effective Than Their Extracellular Vesicles at Reducing Lung Injury Regardless of Acute Respiratory Distress Syndrome Etiology. <i>Stem Cells International</i> , 2019 , 2019, 8262849	5	34
62	Magnetic targeting as a strategy to enhance therapeutic effects of mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 58	8.3	31

61	Nanoparticle-based therapy for respiratory diseases. <i>Anais Da Academia Brasileira De Ciencias</i> , 2013 , 85, 137-46	1.4	30
60	Combination of Correctors Rescue H508-CFTR by Reducing Its Association with Hsp40 and Hsp27. <i>Journal of Biological Chemistry</i> , 2015 , 290, 25636-45	5.4	29
59	Therapeutic effects of adipose-tissue-derived mesenchymal stromal cells and their extracellular vesicles in experimental silicosis. <i>Respiratory Research</i> , 2018 , 19, 104	7.3	28
58	The cystic fibrosis transmembrane regulator (CFTR) in the kidney. <i>Anais Da Academia Brasileira De Ciencias</i> , 2000 , 72, 399-406	1.4	28
57	Serum from Asthmatic Mice Potentiates the Therapeutic Effects of Mesenchymal Stromal Cells in Experimental Allergic Asthma. <i>Stem Cells Translational Medicine</i> , 2019 , 8, 301-312	6.9	28
56	Eicosapentaenoic Acid Enhances the Effects of Mesenchymal Stromal Cell Therapy in Experimental Allergic Asthma. <i>Frontiers in Immunology</i> , 2018 , 9, 1147	8.4	27
55	Repeated administration of bone marrow-derived cells prevents disease progression in experimental silicosis. <i>Cellular Physiology and Biochemistry</i> , 2013 , 32, 1681-94	3.9	26
54	Effects of bone marrow-derived mononuclear cells on airway and lung parenchyma remodeling in a murine model of chronic allergic inflammation. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 175, 153-63	2.8	26
53	Intratracheal instillation of bone marrow-derived cell in an experimental model of silicosis. <i>Respiratory Physiology and Neurobiology</i> , 2009 , 169, 227-33	2.8	26
52	Role of CFTR and CLC-5 in modulating vacuolar H ⁺ -ATPase activity in kidney proximal tubule. <i>Cellular Physiology and Biochemistry</i> , 2010 , 26, 563-76	3.9	25
51	Bone marrow mononuclear cell therapy in experimental allergic asthma: intratracheal versus intravenous administration. <i>Respiratory Physiology and Neurobiology</i> , 2013 , 185, 615-24	2.8	23
50	The Effects of Dasatinib in Experimental Acute Respiratory Distress Syndrome Depend on Dose and Etiology. <i>Cellular Physiology and Biochemistry</i> , 2015 , 36, 1644-58	3.9	22
49	Pilot safety study of intrabronchial instillation of bone marrow-derived mononuclear cells in patients with silicosis. <i>BMC Pulmonary Medicine</i> , 2015 , 15, 66	3.5	21
48	Early and late effects of bone marrow-derived mononuclear cell therapy on lung and distal organs in experimental sepsis. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 178, 304-14	2.8	21
47	Absence of CLC5 in knockout mice leads to glycosuria, impaired renal glucose handling and low proximal tubule GLUT2 protein expression. <i>Cellular Physiology and Biochemistry</i> , 2007 , 20, 455-64	3.9	21
46	Impact of Different Tidal Volume Levels at Low Mechanical Power on Ventilator-Induced Lung Injury in Rats. <i>Frontiers in Physiology</i> , 2018 , 9, 318	4.6	20
45	Dexamethasone regulates CFTR expression in Calu-3 cells with the involvement of chaperones HSP70 and HSP90. <i>PLoS ONE</i> , 2012 , 7, e47405	3.7	20
44	Infusion of bone marrow mononuclear cells reduces lung fibrosis but not inflammation in the late stages of murine silicosis. <i>PLoS ONE</i> , 2014 , 9, e109982	3.7	19

43	Multiple doses of adipose tissue-derived mesenchymal stromal cells induce immunosuppression in experimental asthma. <i>Stem Cells Translational Medicine</i> , 2020 , 9, 250-260	6.9	19
42	Correctors Rescue CFTR Mutations in Nucleotide-Binding Domain 1 (NBD1) by Modulating Proteostasis. <i>ChemBioChem</i> , 2016 , 17, 493-505	3.8	18
41	Effects of bone marrow-derived mononuclear cells from healthy or acute respiratory distress syndrome donors on recipient lung-injured mice. <i>Critical Care Medicine</i> , 2014 , 42, e510-24	1.4	17
40	Effects of bone marrow mononuclear cells from healthy or ovalbumin-induced lung inflammation donors on recipient allergic asthma mice. <i>Stem Cell Research and Therapy</i> , 2014 , 5, 108	8.3	17
39	Effects of short-term propofol and dexmedetomidine on pulmonary morphofunction and biological markers in experimental mild acute lung injury. <i>Respiratory Physiology and Neurobiology</i> , 2014 , 203, 45-50	2.8	16
38	Eicosapentaenoic acid potentiates the therapeutic effects of adipose tissue-derived mesenchymal stromal cells on lung and distal organ injury in experimental sepsis. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 264	8.3	15
37	Nanoparticle-based thymulin gene therapy therapeutically reverses key pathology of experimental allergic asthma. <i>Science Advances</i> , 2020 , 6, eaay7973	14.3	15
36	Mesenchymal stromal cell therapy attenuated lung and kidney injury but not brain damage in experimental cerebral malaria. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 102	8.3	15
35	Insult-dependent effect of bone marrow cell therapy on inflammatory response in a murine model of extrapulmonary acute respiratory distress syndrome. <i>Stem Cell Research and Therapy</i> , 2013 , 4, 123	8.3	15
34	Therapeutic effects of LASSBio-596 in an elastase-induced mouse model of emphysema. <i>Frontiers in Physiology</i> , 2015 , 6, 267	4.6	14
33	Impact of one versus two doses of mesenchymal stromal cells on lung and cardiovascular repair in experimental emphysema. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 296	8.3	14
32	Diabetic rats present higher urinary loss of proteins and lower renal expression of megalin, cubilin, CLC-5, and CFTR. <i>Physiological Reports</i> , 2017 , 5, e13335	2.6	13
31	Arginine vasopressin regulates CFTR and CLC-2 mRNA expression in rat kidney cortex and medulla. <i>Pflügers Archiv European Journal of Physiology</i> , 2001 , 443, 202-11	4.6	13
30	Single tyrosine mutation in AAV8 vector capsid enhances gene lung delivery and does not alter lung morphofunction in mice. <i>Cellular Physiology and Biochemistry</i> , 2014 , 34, 681-90	3.9	11
29	Aldosterone and high-NaCl diet modulate CLC-2 chloride channel gene expression in rat kidney. <i>Pflügers Archiv European Journal of Physiology</i> , 2002 , 444, 193-201	4.6	11
28	Estrogen modulates CLC-2 chloride channel gene expression in rat kidney. <i>Pflügers Archiv European Journal of Physiology</i> , 2003 , 446, 593-9	4.6	11
27	Direct electric current treatment modifies mitochondrial function and lipid body content in the A549 cancer cell line. <i>Bioelectrochemistry</i> , 2016 , 111, 83-92	5.6	10
26	Glutamine Therapy Reduces Inflammation and Extracellular Trap Release in Experimental Acute Respiratory Distress Syndrome of Pulmonary Origin. <i>Nutrients</i> , 2019 , 11,	6.7	9

25	Therapeutic effects of bone marrow-derived mononuclear cells from healthy or silicotic donors on recipient silicosis mice. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 259	8.3	9
24	Tyrosine Mutation in AAV9 Capsid Improves Gene Transfer to the Mouse Lung. <i>Cellular Physiology and Biochemistry</i> , 2016 , 39, 544-53	3.9	9
23	CFTR and TNR-CFTR expression and function in the kidney. <i>Biophysical Reviews</i> , 2014 , 6, 227-236	3.7	9
22	Comparison between effects of pressure support and pressure-controlled ventilation on lung and diaphragmatic damage in experimental emphysema. <i>Intensive Care Medicine Experimental</i> , 2016 , 4, 35	3.7	8
21	Respiratory and Systemic Effects of LASSBio596 Plus Surfactant in Experimental Acute Respiratory Distress Syndrome. <i>Cellular Physiology and Biochemistry</i> , 2016 , 38, 821-35	3.9	8
20	Effects of static magnetic fields on natural or magnetized mesenchymal stromal cells: Repercussions for magnetic targeting. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 2075-2085	6	8
19	Moderate Aerobic Training Improves Cardiorespiratory Parameters in Elastase-Induced Emphysema. <i>Frontiers in Physiology</i> , 2016 , 7, 329	4.6	8
18	Variable ventilation improves pulmonary function and reduces lung damage without increasing bacterial translocation in a rat model of experimental pneumonia. <i>Respiratory Research</i> , 2016 , 17, 158	7.3	8
17	Magnetic targeting increases mesenchymal stromal cell retention in lungs and enhances beneficial effects on pulmonary damage in experimental silicosis. <i>Stem Cells Translational Medicine</i> , 2020 , 9, 1244-1256	6.9	7
16	Bone Marrow-Derived Mononuclear Cell Therapy in Papain-Induced Experimental Pulmonary Emphysema. <i>Frontiers in Physiology</i> , 2018 , 9, 121	4.6	7
15	Autologous bone marrow-derived mononuclear cell therapy in three patients with severe asthma. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 167	8.3	6
14	Effects of pressure support and pressure-controlled ventilation on lung damage in a model of mild extrapulmonary acute lung injury with intra-abdominal hypertension. <i>PLoS ONE</i> , 2017 , 12, e0178207	3.7	6
13	Regulation of CFTR Expression and Arginine Vasopressin Activity Are Dependent on Polycystin-1 in Kidney-Derived Cells. <i>Cellular Physiology and Biochemistry</i> , 2016 , 38, 28-39	3.9	6
12	Thyroid hormones stimulate renal expression of CFTR. <i>Cellular Physiology and Biochemistry</i> , 2007 , 20, 83-90	3.9	6
11	Small nuclear RNAs U11 and U12 modulate expression of TNR-CFTR mRNA in mammalian kidneys. <i>Cellular Physiology and Biochemistry</i> , 2008 , 22, 93-100	3.9	5
10	Impaired PGE2-stimulated Cl ⁻ and HCO ₃ ⁻ secretion contributes to cystic fibrosis airway disease. <i>PLoS ONE</i> , 2017 , 12, e0189894	3.7	5
9	Mesenchymal Stromal Cells Induce Podocyte Protection in the Puromycin Injury Model. <i>Scientific Reports</i> , 2019 , 9, 19604	4.9	5
8	The hypertonic environment differentially regulates wild-type CFTR and TNR-CFTR chloride channels. <i>Cellular Physiology and Biochemistry</i> , 2010 , 26, 577-86	3.9	4

7	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. <i>Frontiers in Physiology</i> , 2019 , 10, 1513	4.6	4
6	Does the use of recombinant AAV2 in pulmonary gene therapy damage lung function?. <i>Respiratory Physiology and Neurobiology</i> , 2008 , 160, 91-8	2.8	3
5	Association with Amino Acids Does Not Enhance Efficacy of Polymerized Liposomes As a System for Lung Gene Delivery. <i>Frontiers in Physiology</i> , 2016 , 7, 151	4.6	3
4	Self-complementary and tyrosine-mutant rAAV vectors enhance transduction in cystic fibrosis bronchial epithelial cells. <i>Experimental Cell Research</i> , 2018 , 372, 99-107	4.2	3
3	Effects of early and late pneumothorax drainage on the development of pulmonary oedema. <i>Respiratory Physiology and Neurobiology</i> , 2014 , 195, 27-36	2.8	2
2	Modulation of renal CNG-A3 sodium channel in rats subjected to low- and high-sodium diets. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004 , 1665, 101-10	3.8	1
1	Selection of candidate genes for hypertension on rat chromosome 4 from shr using expression profiling in kidney and subcongenic strain development. <i>FASEB Journal</i> , 2013 , 27, 955.5	0.9	