# Miqueias Lopes-Pacheco

List of Publications by Year
in descending order



| 48 | 1,907 | 24 | 42 |
|---|---|---|---|
| papers | citations | h-index | g-index |
| | | 257101 | 264894 |

| 48 | 48 | 48 | 2258 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
| --- | --- | --- | --- |
| 1 | CFTR Modulators: The Changing Face of Cystic Fibrosis in the Era of Precision Medicine. Frontiers in Pharmacology, 2019, 10, 1662. | 1.6 | 287 |
| 2 | Effects of different mesenchymal stromal cell sources and delivery routes in experimental emphysema. Respiratory Research, 2014, 15, 118. | 1.4 | 141 |
| 3 | CFTR Modulators: Shedding Light on Precision Medicine for Cystic Fibrosis. Frontiers in Pharmacology, 2016, 7, 275. | 1.6 | 115 |
| 4 | Pathogenesis of Multiple Organ Injury in COVID-19 and Potential Therapeutic Strategies. Frontiers in Physiology, 2021, 12, 593223. | 1.3 | 113 |
| 5 | Current understanding of the immunosuppressive properties of mesenchymal stromal cells. Journal of Molecular Medicine, 2019, 97, 605-618. | 1.7 | 81 |
| 6 | Cell-Based Therapy for Silicosis. Stem Cells International, 2016, 2016, 1-9. | 1.2 | 73 |
| 7 | Laboratory Biomarkers for Diagnosis and Prognosis in COVID-19. Frontiers in Immunology, 2022, 13, 857573. | 2.2 | 70 |
| 8 | 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. | 0.4 | 59 |
| 9 | Dasatinib Reduces Lung Inflammation and Fibrosis in Acute Experimental Silicosis. PLoS ONE, 2016, 11, e0147005. | 1.1 | 58 |
| 10 | Current understanding of the therapeutic benefits of mesenchymal stem cells in acute respiratory distress syndrome. Cell Biology and Toxicology, 2020, 36, 83-102. | 2.4 | 56 |
| 11 | Mesenchymal Stromal Cell-Derived Extracellular Vesicles in Lung Diseases: Current Status and Perspectives. Frontiers in Cell and Developmental Biology, 2021, 9, 600711. | 1.8 | 51 |
| 12 | 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, 1-15. | 1.2 | 47 |
| 13 | Rescuing Trafficking Mutants of the ATP-binding Cassette Protein, ABCA4, with Small Molecule Correctors as a Treatment for Stargardt Eye Disease. Journal of Biological Chemistry, 2015, 290, 19743-19755. | 1.6 | 41 |
| 14 | Combination of Correctors Rescues CFTR Transmembrane-Domain Mutants by Mitigating their Interactions with Proteostasis. Cellular Physiology and Biochemistry, 2017, 41, 2194-2210. | 1.1 | 41 |
| 15 | Rescue of NBD2 Mutants N1303K and S1235R of CFTR by Small-Molecule Correctors and Transcomplementation. PLoS ONE, 2015, 10, e0119796. | 1.1 | 40 |
| 16 | Combination of Correctors Rescue Î”F508-CFTR by Reducing Its Association with Hsp40 and Hsp27. Journal of Biological Chemistry, 2015, 290, 25636-25645. | 1.6 | 40 |
| 17 | Serum from Asthmatic Mice Potentiates the Therapeutic Effects of Mesenchymal Stromal Cells in Experimental Allergic Asthma. Stem Cells Translational Medicine, 2019, 8, 301-312. | 1.6 | 40 |
| 18 | Discovery of CFTR modulators for the treatment of cystic fibrosis. Expert Opinion on Drug Discovery, 2021, 16, 897-913. | 2.5 | 38 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Repeated Administration of Bone Marrow-Derived Cells Prevents Disease Progression in Experimental Silicosis. Cellular Physiology and Biochemistry, 2013, 32, 1681-1694. | 1.1 | 36 |
| 20 | Eicosapentaenoic Acid Enhances the Effects of Mesenchymal Stromal Cell Therapy in Experimental Allergic Asthma. Frontiers in Immunology, 2018, 9, 1147. | 2.2 | 36 |
| 21 | Multiple doses of adipose tissue-derived mesenchymal stromal cells induce immunosuppression in experimental asthma. Stem Cells Translational Medicine, 2020, 9, 250-260. | 1.6 | 34 |
| 22 | 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. | 2.4 | 33 |
| 23 | Pilot safety study of intrabronchial instillation of bone marrow-derived mononuclear cells in patients with silicosis. BMC Pulmonary Medicine, 2015, 15, 66. | 0.8 | 28 |
| 24 | Correctors Rescue CFTR Mutations in Nucleotideâ€Binding Domain 1 (NBD1) by Modulating Proteostasis. ChemBioChem, 2016, 17, 493-505. | 1.3 | 26 |
| 25 | Infusion of Bone Marrow Mononuclear Cells Reduces Lung Fibrosis but Not Inflammation in the Late Stages of Murine Silicosis. PLoS ONE, 2014, 9, e109982. | 1.1 | 24 |
| 26 | Effects of Bone Marrowâ€"Derived Mononuclear Cells From Healthy or Acute Respiratory Distress Syndrome Donors on Recipient Lung-Injured Mice. Critical Care Medicine, 2014, 42, e510-e524. | 0.4 | 24 |
| 27 | Pharmacological Modulation of Ion Channels for the Treatment of Cystic Fibrosis. Journal of Experimental Pharmacology, 2021, Volume 13, 693-723. | 1.5 | 24 |
| 28 | Effects of mesenchymal stromal cells play a role the oxidant/antioxidant balance in a murine model of asthma. Allergologia Et Immunopathologia, 2018, 46, 136-143. | 1.0 | 22 |
| 29 | 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. | 2.4 | 22 |
| 30 | Therapeutic effects of LASSBio-596 in an elastase-induced mouse model of emphysema. Frontiers in Physiology, 2015, 6, 267. | 1.3 | 18 |
| 31 | Comparison of Cas9 and Cas12a CRISPR editing methods to correct the W1282X-CFTR mutation. Journal of Cystic Fibrosis, 2022, 21, 181-187. | 0.3 | 17 |
| 32 | Mitochondria-Rich Fraction Isolated From Mesenchymal Stromal Cells Reduces Lung and Distal Organ Injury in Experimental Sepsis*. Critical Care Medicine, 2021, 49, e880-e890. | 0.4 | 15 |
| 33 | Is there a place for mesenchymal stromal cell-based therapies in the therapeutic armamentarium against COVID-19?. Stem Cell Research and Therapy, 2021, 12, 425. | 2.4 | 15 |
| 34 | 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. | 2.4 | 14 |
| 35 | Autologous bone marrow-derived mononuclear cell therapy in three patients with severe asthma. Stem Cell Research and Therapy, 2020, 11, 167. | 2.4 | 14 |
| 36 | Characterization of the mechanism of action of RDR01752, a novel corrector of F508del-CFTR. Biochemical Pharmacology, 2020, 180, 114133. | 2.0 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Mesenchymal Stromal Cells From Emphysematous Donors and Their Extracellular Vesicles Are Unable to Reverse Cardiorespiratory Dysfunction in Experimental Severe Emphysema. Frontiers in Cell and Developmental Biology, 2021, 9, 661385. | 1.8 | 14 |
| 38 | Increases in cytosolic Ca2+ induce dynamin- and calcineurin-dependent internalisation of CFTR. Cellular and Molecular Life Sciences, 2019, 76, 977-994. | 2.4 | 13 |
| 39 | CFTR interactome mapping using the mammalian membrane twoâ€hybrid highâ€throughput screening system. Molecular Systems Biology, 2022, 18, e10629. | 3.2 | 13 |
| 40 | Moderate Aerobic Training Improves Cardiorespiratory Parameters in Elastase-Induced Emphysema. Frontiers in Physiology, 2016, 7, 329. | 1.3 | 12 |
| 41 | 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, 681-690. | 1.1 | 11 |
| 42 | Rescue of Mutant CFTR Trafficking Defect by the Investigational Compound MCG1516A. Cells, 2022, 11, 136. | 1.8 | 11 |
| 43 | Oxidative Stress-Derived Mitochondrial Dysfunction in Chronic Obstructive Pulmonary Disease: A Concise Review. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-11. | 1.9 | 7 |
| 44 | Editorial: Emerging Therapeutic Approaches for Cystic Fibrosis. Frontiers in Pharmacology, 2019, 10, 1440. | 1.6 | 6 |
| 45 | Self-complementary and tyrosine-mutant rAAV vectors enhance transduction in cystic fibrosis bronchial epithelial cells. Experimental Cell Research, 2018, 372, 99-107. | 1.2 | 5 |
| 46 | Impact of different intratracheal flows during lung decellularization on extracellular matrix composition and mechanics. Regenerative Medicine, 2018, 13, 519-530. | 0.8 | 5 |
| 47 | Association with Amino Acids Does Not Enhance Efficacy of Polymerized Liposomes As a System for Lung Gene Delivery. Frontiers in Physiology, 2016, 7, 151. | 1.3 | 3 |
| 48 | Effects of bone-marrow derived mononuclear cells from silicotic and healthy donors in experimental silicosis. , 2015, , . | | 0 |