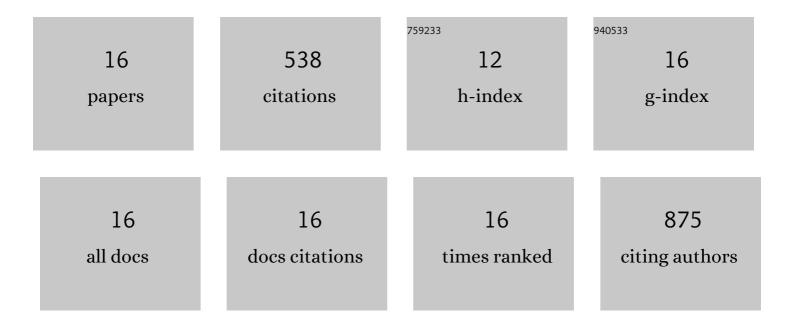
Arul Vadivel

List of Publications by Year in descending order

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Δριμ Πλρινεί

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Existence, Functional Impairment, and Lung Repair Potential of Endothelial Colony-Forming Cells in Oxygen-Induced Arrested Alveolar Growth. Circulation, 2014, 129, 2144-2157. | 1.6 | 139 |
| 2 | The isolation and culture of endothelial colony-forming cells from human and rat lungs. Nature Protocols, 2015, 10, 1697-1708. | 12.0 | 94 |
| 3 | Human induced pluripotent stem cell–derived lung progenitor and alveolar epithelial cells attenuate hyperoxia-induced lung injury. Cytotherapy, 2018, 20, 108-125. | 0.7 | 46 |
| 4 | Exogenous Hydrogen Sulfide (H2S) Protects Alveolar Growth in Experimental O2-Induced Neonatal Lung Injury. PLoS ONE, 2014, 9, e90965. | 2.5 | 44 |
| 5 | A lung tropic AAV vector improves survival in a mouse model of surfactant B deficiency. Nature Communications, 2020, 11, 3929. | 12.8 | 37 |
| 6 | The Axonal Guidance Cue Semaphorin 3C Contributes to Alveolar Growth and Repair. PLoS ONE, 2013, 8, e67225. | 2.5 | 33 |
| 7 | Oxygen Disrupts Human Fetal Lung Mesenchymal Cells. Implications for Bronchopulmonary Dysplasia. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 592-600. | 2.9 | 30 |
| 8 | Impaired Angiogenic Supportive Capacity and Altered Gene Expression Profile of Resident CD146+ Mesenchymal Stromal Cells Isolated from Hyperoxia-Injured Neonatal Rat Lungs. Stem Cells and Development, 2018, 27, 1109-1124. | 2.1 | 25 |
| 9 | Functional Differences Between Placental Micro- and Macrovascular Endothelial Colony-Forming Cells. Stem Cells Translational Medicine, 2016, 5, 291-300. | 3.3 | 22 |
| 10 | Impact of bronchopulmonary dysplasia on brain and retina. Biology Open, 2016, 5, 475-483. | 1.2 | 19 |
| 11 | Pulmonary and Neurologic Effects of Mesenchymal Stromal Cell Extracellular Vesicles in a Multifactorial Lung Injury Model. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 1186-1201. | 5.6 | 15 |
| 12 | Late Rescue Therapy with Cord-Derived Mesenchymal Stromal Cells for Established Lung Injury in Experimental Bronchopulmonary Dysplasia. Stem Cells and Development, 2020, 29, 364-371. | 2.1 | 14 |
| 13 | Single-Cell RNA Sequencing-Based Characterization of Resident Lung Mesenchymal Stromal Cells in Bronchopulmonary Dysplasia. Stem Cells, 2022, 40, 479-492. | 3.2 | 9 |
| 14 | Characterization of the innate immune response in a novel murine model mimicking bronchopulmonary dysplasia. Pediatric Research, 2021, 89, 803-813. | 2.3 | 5 |
| 15 | Endothelial colony-forming cell therapy for heart morphological changes after neonatal high oxygen exposure in rats, a model of complications of prematurity. Physiological Reports, 2018, 6, e13922. | 1.7 | 3 |
| 16 | Fully automated estimation of the mean linear intercept in histopathology images of mouse lung tissue. Journal of Medical Imaging, 2021, 8, 027501. | 1.5 | 3 |