

Ian M Thornell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/255907/publications.pdf>

Version: 2024-02-01

28
papers

553
citations

840776

11
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

883
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Urban Particulate Matter Impairment of Airway Surface Liquidâ€“Mediated Coronavirus Inactivation. <i>Journal of Infectious Diseases</i> , 2022, 225, 214-218. | 4.0 | 4 |
| 2 | A Single-Cell Atlas of Large and Small Airways at Birth in a Porcine Model of Cystic Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 612-622. | 2.9 | 11 |
| 3 | FXD3 increases Na ⁺ transport across human airway epithelia. <i>FASEB Journal</i> , 2022, 36, . | 0.5 | 0 |
| 4 | Anion Transport Across Human Gallbladder Organoids and Monolayers. <i>Frontiers in Physiology</i> , 2022, 13, . | 2.8 | 1 |
| 5 | Vitamin D-mediated effects on airway innate immunity in vitro. <i>PLoS ONE</i> , 2022, 17, e0269647. | 2.5 | 4 |
| 6 | V-Type ATPase Mediates Airway Surface Liquid Acidification in Pig Small Airway Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 146-156. | 2.9 | 10 |
| 7 | Inflammatory cytokines TNF- α and IL-17 enhance the efficacy of cystic fibrosis transmembrane conductance regulator modulators. <i>Journal of Clinical Investigation</i> , 2021, 131, . | 8.2 | 25 |
| 8 | Reduction of AMPA receptor activity on mature oligodendrocytes attenuates loss of myelinated axons in autoimmune neuroinflammation. <i>Science Advances</i> , 2020, 6, eaax5936. | 10.3 | 27 |
| 9 | Lung function of primary cooks using LPG or biomass and the effect of particulate matter on airway epithelial barrier integrity. <i>Environmental Research</i> , 2020, 189, 109888. | 7.5 | 11 |
| 10 | Early pathogenesis of cystic fibrosis gallbladder disease in a porcine model. <i>Laboratory Investigation</i> , 2020, 100, 1388-1399. | 3.7 | 12 |
| 11 | Effect of apical chloride concentration on the measurement of responses to CFTR modulation in airway epithelia cultured from nasal brushings. <i>Physiological Reports</i> , 2020, 8, e14603. | 1.7 | 8 |
| 12 | TNF- α and IL-17 alkalinize airway surface liquid through CFTR and pendrin. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C331-C344. | 4.6 | 27 |
| 13 | Paracellular bicarbonate flux across human cystic fibrosis airway epithelia tempers changes in airway surface liquid pH. <i>Journal of Physiology</i> , 2020, 598, 4307-4320. | 2.9 | 11 |
| 14 | A Novel AAV-mediated Gene Delivery System Corrects CFTR Function in Pigs. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 747-754. | 2.9 | 31 |
| 15 | Motile cilia of human airway epithelia contain hedgehog signaling components that mediate noncanonical hedgehog signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1370-1375. | 7.1 | 31 |
| 16 | Widespread airway distribution and short-term phenotypic correction of cystic fibrosis pigs following aerosol delivery of piggyBac/adenovirus. <i>Nucleic Acids Research</i> , 2018, 46, 9591-9600. | 14.5 | 38 |
| 17 | Nominal carbonic anhydrase activity minimizes airway-surface liquid pH changes during breathing. <i>Physiological Reports</i> , 2018, 6, e13569. | 1.7 | 10 |
| 18 | Development of a polarized pancreatic ductular cell epithelium for physiological studies. <i>Journal of Applied Physiology</i> , 2018, 125, 97-106. | 2.5 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | The oculocerebrorenal syndrome of Lowe protein (OCRL) inhibits the Na/bicarbonate cotransporter NBCe1 expressed in <i>Xenopus laevis</i> oocytes.. FASEB Journal, 2018, 32, lb443. | 0.5 | 0 |
| 20 | Gel-forming mucins form distinct morphologic structures in airways. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6842-6847. | 7.1 | 132 |
| 21 | Electrolyte transport properties in distal small airways from cystic fibrosis pigs with implications for host defense. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L670-L679. | 2.9 | 44 |
| 22 | Regulators of Slc4 bicarbonate transporter activity. Frontiers in Physiology, 2015, 6, 166. | 2.8 | 36 |
| 23 | Phosphatidylinositol 4,5-bisphosphate degradation inhibits the Na ⁺ /bicarbonate cotransporter NBCe1 and Δ variants expressed in <i>Xenopus</i> oocytes. Journal of Physiology, 2015, 593, 541-558. | 2.9 | 12 |
| 24 | Activating a voltage-sensitive 5 ² phosphatase (VSP) that decreases phosphatidylinositol 4,5-bisphosphate (PIP ₂) inhibits electrogenic Na/bicarbonate cotransporter NBCe1 and Δ variants expressed in <i>Xenopus laevis</i> oocytes. FASEB Journal, 2013, 27, . | 0.5 | 1 |
| 25 | PIP ₂ hydrolysis stimulates the electrogenic Na ⁺ -bicarbonate cotransporter NBCe1 and Δ variants expressed in <i>Xenopus laevis</i> oocytes. Journal of Physiology, 2012, 590, 5993-6011. | 2.9 | 22 |
| 26 | Sodium-bicarbonate cotransporter NBCn1 in the kidney medullary thick ascending limb cell line is upregulated under acidic conditions and enhances ammonium transport. Experimental Physiology, 2010, 95, 926-937. | 2.0 | 24 |
| 27 | The IP ₃ receptor-binding protein IRBIT reduces phosphatidylinositol 4,5-bisphosphate (PIP ₂) stimulation of Na/bicarbonate cotransporter NBCe1 variants expressed in <i>Xenopus laevis</i> oocytes. FASEB Journal, 2010, 24, 815.6. | 0.5 | 10 |
| 28 | Phosphatidylinositol 4,5-bisphosphate (PIP ₂) stimulation of electrogenic Na/bicarbonate cotransporter NBCe1 variants expressed in <i>Xenopus laevis</i> oocytes. FASEB Journal, 2009, 23, 800.13. | 0.5 | 1 |