

George Gallos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8826720/publications.pdf>

Version: 2024-02-01

30
papers

815
citations

471509

17
h-index

501196

28
g-index

31
all docs

31
docs citations

31
times ranked

979
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A new paradigm for the role of smooth muscle cells in the human cervix. American Journal of Obstetrics and Gynecology, 2016, 215, 478.e1-478.e11. | 1.3 | 83 |
| 2 | Local Anesthetics Reduce Mortality and Protect against Renal and Hepatic Dysfunction in Murine Septic Peritonitis. Anesthesiology, 2004, 101, 902-911. | 2.5 | 71 |
| 3 | A1 adenosine receptor knockout mice exhibit increased mortality, renal dysfunction, and hepatic injury in murine septic peritonitis. American Journal of Physiology - Renal Physiology, 2005, 289, F369-F376. | 2.7 | 69 |
| 4 | Targeting the restricted $\hat{\pm}$ -subunit repertoire of airway smooth muscle GABA _A receptors augments airway smooth muscle relaxation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L248-L256. | 2.9 | 58 |
| 5 | Selective targeting of the $\hat{\pm}$ 5-subunit of GABA _A receptors relaxes airway smooth muscle and inhibits cellular calcium handling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L931-L942. | 2.9 | 49 |
| 6 | Functional expression of the TMEM16 family of calcium-activated chloride channels in airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 305, L625-L634. | 2.9 | 48 |
| 7 | Antagonists of the TMEM16A Calcium-activated Chloride Channel Modulate Airway Smooth Muscle Tone and Intracellular Calcium. Anesthesiology, 2015, 123, 569-581. | 2.5 | 45 |
| 8 | Calcium-activated chloride channels anoctamin 1 and 2 promote murine uterine smooth muscle contractility. American Journal of Obstetrics and Gynecology, 2014, 211, 688.e1-688.e10. | 1.3 | 40 |
| 9 | A Review of the Updated Pharmacophore for the Alpha 5 GABA(A) Benzodiazepine Receptor Model. International Journal of Medicinal Chemistry, 2015, 2015, 1-54. | 2.2 | 37 |
| 10 | Airway epithelium is a predominant source of endogenous airway GABA and contributes to relaxation of airway smooth muscle tone. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L191-L197. | 2.9 | 33 |
| 11 | Activation of endogenous GABA _A channels on airway smooth muscle potentiates isoproterenol-mediated relaxation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L1040-L1047. | 2.9 | 32 |
| 12 | Tocolysis: Present and future treatment options. Seminars in Perinatology, 2017, 41, 493-504. | 2.5 | 25 |
| 13 | Airway smooth muscle photorelaxation via opsin receptor activation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L82-L93. | 2.9 | 24 |
| 14 | Endogenous $\hat{\pm}$ 3-Aminobutyric Acid Modulates Tonic Guinea Pig Airway Tone and Propofol-induced Airway Smooth Muscle Relaxation. Anesthesiology, 2009, 110, 748-758. | 2.5 | 23 |
| 15 | Targeting the $\hat{\pm}$ 3-Aminobutyric Acid A Receptor $\hat{\pm}$ 4 Subunit in Airway Smooth Muscle to Alleviate Bronchoconstriction. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 546-553. | 2.9 | 22 |
| 16 | The Role of the Anesthesiologist in Management of Obstetric Hemorrhage. Seminars in Perinatology, 2009, 33, 116-123. | 2.5 | 21 |
| 17 | Agonism of the TMEM16A calcium-activated chloride channel modulates airway smooth muscle tone. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L287-L295. | 2.9 | 21 |
| 18 | Opsin $\hat{\pm}$ 3-G _s Promotes Airway Smooth Muscle Relaxation Modulated by G Protein Receptor Kinase 2. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 59-68. | 2.9 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Anoctamin Channels in Human Myometrium: A Novel Target for Tocolysis. <i>Reproductive Sciences</i> , 2018, 25, 1589-1600. | 2.5 | 13 |
| 20 | Activation of an Endogenous Opsin 3 Light Receptor Mediates Photo-Relaxation of Pre-Contracting Late Gestation Human Uterine Smooth Muscle Ex Vivo. <i>Reproductive Sciences</i> , 2020, 27, 1791-1801. | 2.5 | 13 |
| 21 | Extracellular Matrix Rigidity Modulates Human Cervical Smooth Muscle Contractility—New Insights into Premature Cervical Failure and Spontaneous Preterm Birth. <i>Reproductive Sciences</i> , 2021, 28, 237-251. | 2.5 | 12 |
| 22 | Three-dimensional collagen fiber mapping and tractography of human uterine tissue using OCT. <i>Biomedical Optics Express</i> , 2020, 11, 5518. | 2.9 | 11 |
| 23 | Functional comparison of anoctamin 1 antagonists on human uterine smooth muscle contractility and excitability. <i>Journal of Smooth Muscle Research</i> , 2018, 54, 28-42. | 1.2 | 10 |
| 24 | The Unique Environmental Influences of Acute Care Settings on Patient and Physician Well-Being: A Call to Action. <i>Journal of Emergency Medicine</i> , 2018, 54, e19-e21. | 0.7 | 9 |
| 25 | Airway Epithelial Cell Release of GABA is Regulated by Protein Kinase A. <i>Lung</i> , 2016, 194, 401-408. | 3.3 | 8 |
| 26 | Quantitative Ultrasound Detects Smooth Muscle Activity at the Cervical Internal Os in Vitro. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 149-155. | 1.5 | 5 |
| 27 | An isolated retrograde-perfused newborn mouse heart preparation. <i>MethodsX</i> , 2020, 7, 101058. | 1.6 | 5 |
| 28 | Novel Expression of GABAA Receptors on Resistance Arteries That Modulate Myogenic Tone. <i>Journal of Vascular Research</i> , 2020, 57, 113-125. | 1.4 | 5 |
| 29 | Chloride in airway smooth muscle: the ignored anion no longer?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L733-L735. | 2.9 | 4 |
| 30 | Anoctamin 1 antagonism potentiates conventional tocolytic-mediated relaxation of pregnant human uterine smooth muscle. <i>Journal of Physiological Sciences</i> , 2021, 71, 7. | 2.1 | 4 |