

# George Gallos

## List of Publications by Year in descending order

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papers

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citations

471509

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times ranked

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#	ARTICLE	IF	CITATIONS
1	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
2	Opsin 3 Promotes Airway Smooth Muscle Relaxation Modulated by G Protein Receptor Kinase 2. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 59-68.	2.9	15
3	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
4	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
5	Agonism of the TMEM16A calcium-activated chloride channel modulates airway smooth muscle tone. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L287-L295.	2.9	21
6	An isolated retrograde-perfused newborn mouse heart preparation. <i>MethodsX</i> , 2020, 7, 101058.	1.6	5
7	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
8	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
9	Three-dimensional collagen fiber mapping and tractography of human uterine tissue using OCT. <i>Biomedical Optics Express</i> , 2020, 11, 5518.	2.9	11
10	Airway smooth muscle photorelaxation via opsin receptor activation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L82-L93.	2.9	24
11	Anoctamin Channels in Human Myometrium: A Novel Target for Tocolysis. <i>Reproductive Sciences</i> , 2018, 25, 1589-1600.	2.5	13
12	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
13	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
14	Tocolysis: Present and future treatment options. <i>Seminars in Perinatology</i> , 2017, 41, 493-504.	2.5	25
15	A new paradigm for the role of smooth muscle cells in the human cervix. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 478.e1-478.e11.	1.3	83
16	Airway Epithelial Cell Release of GABA is Regulated by Protein Kinase A. <i>Lung</i> , 2016, 194, 401-408.	3.3	8
17	Targeting the $\beta$ -Aminobutyric Acid A Receptor $\beta$ 4 Subunit in Airway Smooth Muscle to Alleviate Bronchoconstriction. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 546-553.	2.9	22
18	Antagonists of the TMEM16A Calcium-activated Chloride Channel Modulate Airway Smooth Muscle Tone and Intracellular Calcium. <i>Anesthesiology</i> , 2015, 123, 569-581.	2.5	45

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19	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
20	Selective targeting of the $\alpha 5$ -subunit of GABA <sub>A</sub> 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
21	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
22	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
23	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
24	Targeting the restricted $\alpha 5$ -subunit repertoire of airway smooth muscle GABA <sub>A</sub> receptors augments airway smooth muscle relaxation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L248-L256.	2.9	58
25	Chloride in airway smooth muscle: the ignored anion no longer?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L733-L735.	2.9	4
26	The Role of the Anesthesiologist in Management of Obstetric Hemorrhage. Seminars in Perinatology, 2009, 33, 116-123.	2.5	21
27	Endogenous $\gamma$ -Aminobutyric Acid Modulates Tonic Guinea Pig Airway Tone and Propofol-induced Airway Smooth Muscle Relaxation. Anesthesiology, 2009, 110, 748-758.	2.5	23
28	Activation of endogenous GABA <sub>A</sub> 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
29	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
30	Local Anesthetics Reduce Mortality and Protect against Renal and Hepatic Dysfunction in Murine Septic Peritonitis. Anesthesiology, 2004, 101, 902-911.	2.5	71