

# Mahmoud M Mostafa

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

500  
citations

840776

11  
h-index

839539

18  
g-index

24  
all docs

24  
docs citations

24  
times ranked

845  
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of the Pyrin Inflammasome by Intracellular <i>Burkholderia cenocepacia</i> . <i>Journal of Immunology</i> , 2012, 188, 3469-3477.	0.8	115
2	Trimetazidine, Administered at the Onset of Reperfusion, Ameliorates Myocardial Dysfunction and Injury by Activation of p38 Mitogen-Activated Protein Kinase and Akt Signaling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 333, 421-429.	2.5	58
3	An inhaled dose of budesonide induces genes involved in transcription and signaling in the human airways: enhancement of anti- and proinflammatory effector genes. <i>Pharmacology Research and Perspectives</i> , 2016, 4, e00243.	2.4	46
4	Oxygen cycling in conjunction with stem cell transplantation induces NOS3 expression leading to attenuation of fibrosis and improved cardiac function. <i>Cardiovascular Research</i> , 2012, 93, 89-99.	3.8	44
5	Asc-Dependent and Independent Mechanisms Contribute to Restriction of <i>Legionella Pneumophila</i> Infection in Murine Macrophages. <i>Frontiers in Microbiology</i> , 2011, 2, 18.	3.5	37
6	Glucocorticoid-driven transcriptomes in human airway epithelial cells: commonalities, differences and functional insight from cell lines and primary cells. <i>BMC Medical Genomics</i> , 2019, 12, 29.	1.5	35
7	Carvedilol Enhances Mesenchymal Stem Cell Therapy for Myocardial Infarction via Inhibition of Caspase-3 Expression. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 343, 62-71.	2.5	29
8	Negative Feed-forward Control of Tumor Necrosis Factor (TNF) by Tristetraprolin (ZFP36) Is Limited by the Mitogen-activated Protein Kinase Phosphatase, Dual-specificity Phosphatase 1 (DUSP1). <i>Journal of Biological Chemistry</i> , 2016, 291, 110-125.	3.4	25
9	Long-Acting $\beta_2$ -Adrenoceptor Agonists Enhance Glucocorticoid Receptor (GR)-Mediated Transcription by Gene-Specific Mechanisms Rather Than Generic Effects via GR. <i>Molecular Pharmacology</i> , 2018, 94, 1031-1046.	2.3	23
10	DUSP1 Maintains IRF1 and Leads to Increased Expression of IRF1-dependent Genes. <i>Journal of Biological Chemistry</i> , 2016, 291, 21802-21816.	3.4	21
11	Analysis of the Indacaterol-Regulated Transcriptome in Human Airway Epithelial Cells Implicates Gene Expression Changes in the Adverse and Therapeutic Effects of $\beta_2$ -Adrenoceptor Agonists. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 366, 220-236.	2.5	13
12	Long-acting $\beta_2$ -agonists promote glucocorticoid-mediated repression of NF- $\kappa$ B by enhancing expression of the feedback regulator TNFAIP3. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L358-L370.	2.9	12
13	Genomic determinants implicated in the glucocorticoid-mediated induction of KLF9 in pulmonary epithelial cells. <i>Journal of Biological Chemistry</i> , 2021, 296, 100065.	3.4	11
14	Biorepository for Pediatric Cancer with Minimal Resources: Meeting the Challenges. <i>Biopreservation and Biobanking</i> , 2016, 14, 9-16.	1.0	8
15	Prostanoid Receptors of the EP <sub>4</sub> -Subtype Mediate Gene Expression Changes in Human Airway Epithelial Cells with Potential Anti-Inflammatory Activity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 376, 161-180.	2.5	7
16	Transcriptome-Level Interactions between Budesonide and Formoterol Provide Insight into the Mechanism of Action of Inhaled Corticosteroid/Long-Acting $\beta_2$ -Adrenoceptor Agonist Combination Therapy in Asthma. <i>Molecular Pharmacology</i> , 2021, 99, 197-216.	2.3	6
17	Interplay between nuclear factor- $\kappa$ B, p38 MAPK, and glucocorticoid receptor signaling synergistically induces functional TLR2 in lung epithelial cells. <i>Journal of Biological Chemistry</i> , 2022, 298, 101747.	3.4	5
18	Impact of Phosphodiesterase 4 Inhibition on the Operational Efficacy, Response Maxima, and Kinetics of Indacaterol-Induced Gene Expression Changes in BEAS-2B Airway Epithelial Cells: A Global Transcriptomic Analysis. <i>Molecular Pharmacology</i> , 2019, 96, 56-72.	2.3	4

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19	Î± and Î² catalytic subunits of cAMPâ€dependent protein kinase regulate formoterolâ€induced inflammatory gene expression changes in human bronchial epithelial cells. British Journal of Pharmacology, 2022, 179, 4593-4614.	5.4	1
20	Differential regulation of baculoviral repeat containing protein 2 (BIRC2) and 3 (BIRC3) by inflammatory stimuli and glucocorticoids. FASEB Journal, 2021, 35, .	0.5	0
21	Role of nuclear factorâ€B (NFâ€B) in the regulation of proâ€inflammatory Î²â€kinaseâ€Î¼ (IKKÎ¼) gene expression in human pulmonary epithelial cells. FASEB Journal, 2021, 35, .	0.5	0
22	Glucocorticoidâ€Driven Transcriptomes in Human Airway Epithelial Cells: Insight from Primary Cells and Cell Lines. FASEB Journal, 2018, 32, 533.58.	0.5	0
23	Glucocorticoidâ€Driven Transcriptomes in Human Airway Epithelial Cells: Commonalities, Differences and Functional Insight. FASEB Journal, 2019, 33, 643.3.	0.5	0
24	Mechanisms of Glucocorticoidâ€mediated Induction of KrÃ¼ppelâ€Like Factor 9 in the Human Airways. FASEB Journal, 2019, 33, 643.4.	0.5	0