Paul J Buchanan

List of Publications by Year
in descending order

22	587	687220 13	713332 21
papers	citations	h-index	g-index

23	23	23	1034
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of the Ability of LL-37 to Neutralise LPS In Vitro and Ex Vivo. PLoS ONE, 2011, 6, e26525.	1.1	88
2	Reduced 15-lipoxygenase 2 and lipoxin A₄/leukotriene B₄ratio in children with cystic fibrosis. European Respiratory Journal, 2014, 44, 394-404.	3.1	75
3	CaV channels and cancer: canonical functions indicate benefits of repurposed drugs as cancer therapeutics. European Biophysics Journal, 2016, 45, 621-633.	1.2	53
4	Role of CFTR, Pseudomonas aeruginosa and Toll-like receptors in cystic fibrosis lung inflammation. Biochemical Society Transactions, 2009, 37, 863-867.	1.6	52
5	Lipoxin A₄-mediated K_{ATP} potassium channel activation results in cystic fibrosis airway epithelial repair. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 305, L193-L201.	1.3	46
6	Nano-encapsulation of a novel anti-Ran-GTPase peptide for blockade of regulator of chromosome condensation 1 (RCC1) function in MDA-MB-231 breast cancer cells. International Journal of Pharmaceutics, 2017, 521, 40-53.	2.6	35
7	Hypoxia induced cancer stem cell enrichment promotes resistance to androgen deprivation therapy in prostate cancer. Steroids, 2019, 152, 108497.	0.8	34
8	Activation of P2RY11 and ATP Release by Lipoxin A₄ Restores the Airway Surface Liquid Layer and Epithelial Repair in Cystic Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 178-190.	1.4	33
9	Advances in biofabrication techniques for collagen-based 3D in vitro culture models for breast cancer research. Materials Science and Engineering C, 2021, 122, 111944.	3.8	29
10	Toll-like receptor 4 is not targeted to the lysosome in cystic fibrosis airway epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L371-L382.	1.3	25
11	Physiological levels of lipoxin A₄inhibit ENaC and restore airway surface liquid height in cystic fibrosis bronchial epithelium. Physiological Reports, 2014, 2, e12093.	0.7	23
12	Physiological Impact of Abnormal Lipoxin A4Production on Cystic Fibrosis Airway Epithelium and Therapeutic Potential. BioMed Research International, 2015, 2015, 1-10.	0.9	22
13	Calcium channels and cancer stem cells. Cell Calcium, 2019, 81, 21-28.	1.1	18
14	Influenza infection directly alters innate IL-23 and IL-12p70 and subsequent IL-17A and IFN-Î³ responses to pneumococcus in vitro in human monocytes. PLoS ONE, 2018, 13, e0203521.	1.1	11
15	Diet and nutrition information on nine national cancer organisation websites: A critical review. European Journal of Cancer Care, 2020, 29, e13280.	0.7	11
16	Role of ion channels in natural killer cell function towards cancer. Discovery Medicine, 2017, 23, 353-360.	0.5	9
17	CaV1.3 enhanced store operated calcium promotes resistance to androgen deprivation in prostate cancer. Cell Calcium, 2022, 103, 102554.	1.1	8
18	Acute radiation impacts contractility of guinea-pig bladder strips affecting mucosal-detrusor interactions. PLoS ONE, 2018, 13, e0193923.	1.1	7

#	Article	IF	Citations
19	THE ROLE OF LIPOXIN A4 IN CYSTIC FIBROSIS LUNG DISEASE. Computational and Structural Biotechnology Journal, 2013, 6, e201303018.	1.9	6
20	Data pertaining to aberrant intracellular calcium handling during androgen deprivation therapy in prostate cancer. Data in Brief, 2022, 42, 108143.	0.5	1
21	Hypoxic Signaling Is Modulated by Calcium Channel, CaV1.3, in Androgen-Resistant Prostate Cancer. Bioelectricity, 2022, 4, 81-91.	0.6	1
22	Bioelectricity of the Tumor Microenvironment. Bioelectricity, 2022, 4, 73-74.	0.6	0