Michael Fricker

List of Publications by Year
in descending order

54 papers	3,229 citations	236912 25 h-index	223791 46 g-index
55 all docs	55 docs citations	55 times ranked	5728 citing authors

#	Article	IF	Citations
1	Neuronal Cell Death. Physiological Reviews, 2018, 98, 813-880.	28.8	737
2	Phagocytosis executes delayed neuronal death after focal brain ischemia. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4098-107.	7.1	288
3	MFG-E8 Mediates Primary Phagocytosis of Viable Neurons during Neuroinflammation. Journal of Neuroscience, 2012, 32, 2657-2666.	3.6	189
4	Animal models of chronic obstructive pulmonary disease. Expert Opinion on Drug Discovery, 2014, 9, 629-645.	5.0	130
5	Suppression of the Intrinsic Apoptosis Pathway by Synaptic Activity. Journal of Neuroscience, 2010, 30, 2623-2635.	3.6	127
6	Synaptic NMDA receptor activity is coupled to the transcriptional control of the glutathione system. Nature Communications, 2015, 6, 6761.	12.8	119
7	Primary phagocytosis of viable neurons by microglia activated with LPS or Aβ is dependent on calreticulin/LRP phagocytic signalling. Journal of Neuroinflammation, 2012, 9, 196.	7.2	116
8	Macrophage dysfunction in the pathogenesis and treatment of asthma. European Respiratory Journal, 2017, 50, 1700196.	6.7	106
9	Galectin-3 enhances monocyte-derived macrophage efferocytosis of apoptotic granulocytes in asthma. Respiratory Research, 2019, 20, 1.	3.6	104
10	Chronic cigarette smoke exposure induces systemic hypoxia that drives intestinal dysfunction. JCI Insight, 2018, 3, .	5.0	103
11	Fibulin-1 regulates the pathogenesis of tissue remodeling in respiratory diseases. JCI Insight, 2016, 1, .	5.0	100
12	Necroptosis Signaling Promotes Inflammation, Airway Remodeling, and Emphysema in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 667-681.	5.6	85
13	Caspase Inhibitors Protect Neurons by Enabling Selective Necroptosis of Inflamed Microglia. Journal of Biological Chemistry, 2013, 288, 9145-9152.	3.4	81
14	In Vitro Characterization of the Presenilin-Dependent γ-Secretase Complex Using a Novel Affinity Ligand. Biochemistry, 2003, 42, 8133-8142.	2.5	79
15	Importance of Mast Cell Prss31/Transmembrane Tryptase/Tryptase-γ in Lung Function and Experimental Chronic Obstructive Pulmonary Disease and Colitis. Journal of Biological Chemistry, 2014, 289, 18214-18227.	3.4	78
16	Mutually Exclusive Subsets of BH3-Only Proteins Are Activated by the p53 and c-Jun N-Terminal Kinase/c-Jun Signaling Pathways during Cortical Neuron Apoptosis Induced by Arsenite. Molecular and Cellular Biology, 2005, 25, 8732-8747.	2.3	74
17	Hypoxia-selective macroautophagy and cell survival signaled by autocrine PDGFR activity. Genes and Development, 2009, 23, 1283-1288.	5.9	58
18	Phosphorylation of Puma modulates its apoptotic function by regulating protein stability. Cell Death and Disease, 2010, 1, e59-e59.	6.3	55

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19	A sputum 6-gene signature predicts future exacerbations of poorly controlled asthma. Journal of Allergy and Clinical Immunology, 2019, 144, 51-60.e11.	2.9	50
20	Phagoptosis - Cell Death By Phagocytosis - Plays Central Roles in Physiology, Host Defense and Pathology. Current Molecular Medicine, 2015, 15, 842-851.	1.3	47
21	IL-6 Drives Neutrophil-Mediated Pulmonary Inflammation Associated with Bacteremia in Murine Models of Colitis. American Journal of Pathology, 2018, 188, 1625-1639.	3.8	46
22	Platelet activating factor receptor regulates colitis-induced pulmonary inflammation through the NLRP3 inflammasome. Mucosal Immunology, 2019, 12, 862-873.	6.0	43
23	Fibulin-1c regulates transforming growth factorâ€"Î² activation in pulmonary tissue fibrosis. JCI Insight, 2019, 4, .	5.0	42
24	Toll-like receptor 2 and 4 have Opposing Roles in the Pathogenesis of Cigarette Smoke-induced Chronic Obstructive Pulmonary Disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, ajplung.00154.2.	2.9	37
25	Can biomarkers help us hit targets in difficultâ€toâ€treat asthma?. Respirology, 2017, 22, 430-442.	2.3	36
26	Sputum mast cell/basophil gene expression relates to inflammatory and clinical features of severe asthma. Journal of Allergy and Clinical Immunology, 2021, 148, 428-438.	2.9	33
27	Sputum TNF markers are increased in neutrophilic and severe asthma and are reduced by azithromycin treatment. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2090-2101.	5.7	27
28	Amyloid Î² induces microglia to phagocytose neurons via activation of protein kinase Cs and NADPH oxidase. International Journal of Biochemistry and Cell Biology, 2016, 81, 346-355.	2.8	25
29	Timeâ€resolved proteomic profiling of cigarette smokeâ€induced experimental chronic obstructive pulmonary disease. Respirology, 2021, 26, 960-973.	2.3	22
30	Sputum transcriptomics implicates increased p38 signalling activity in severe asthma. Respirology, 2020, 25, 709-718.	2.3	20
31	Neutrophilic asthma features increased airway classical monocytes. Clinical and Experimental Allergy, 2021, 51, 305-317.	2.9	19
32	Implication of TAp73 in the p53â€independent pathway of Puma induction and Pumaâ€dependent apoptosis in primary cortical neurons. Journal of Neurochemistry, 2010, 114, 772-783.	3.9	18
33	Adverse roles of mast cell chymase-1 in COPD. European Respiratory Journal, 2022, 60, 2101431.	6.7	17
34	Relationship of sputum mast cells with clinical and inflammatory characteristics of asthma. Clinical and Experimental Allergy, 2020, 50, 696-707.	2.9	16
35	An altered sputum macrophage transcriptome contributes to the neutrophilic asthma endotype. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1204-1215.	5.7	14
36	Substituting c-Jun N-terminal kinase-3 (JNK3) ATP-binding site amino acid residues with their p38 counterparts affects binding of JNK- and p38-selective inhibitors. Archives of Biochemistry and Biophysics, 2005, 438, 195-205.	3.0	11

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37	Dysregulation of sputum columnar epithelial cells and products in distinct asthma phenotypes. Clinical and Experimental Allergy, 2019, 49, 1418-1428.	2.9	11
38	T2-low: what do we know?. Annals of Allergy, Asthma and Immunology, 2022, 129, 150-159.	1.0	11
39	A Sputum 6 Gene Expression Signature Predicts Inflammatory Phenotypes and Future Exacerbations of COPD . International Journal of COPD, 2020, Volume 15, 1577-1590.	2.3	10
40	Molecular markers of type 2 airway inflammation are similar between eosinophilic severe asthma and eosinophilic chronic obstructive pulmonary disease. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2079-2089.	5.7	10
41	Blood Neutrophils In COPD But Not Asthma Exhibit A Primed Phenotype With Downregulated CD62L Expression . International Journal of COPD, 2019, Volume 14, 2517-2525.	2.3	7
42	Hemopexin: A Novel Anti-inflammatory Marker for Distinguishing COPD From Asthma. Allergy, Asthma and Immunology Research, 2021, 13, 450.	2.9	7
43	Airway monocyte modulation relates to tumour necrosis factor dysregulation in neutrophilic asthma. ERJ Open Research, 2021, 7, 00131-2021.	2.6	7
44	Sputum Gene Expression Reveals Dysregulation of Mast Cells and Basophils in Eosinophilic COPD. International Journal of COPD, 2021, Volume 16, 2165-2179.	2.3	7
45	Necrosis, Apoptosis, and Autophagy: Mechanisms of Neuronal and Glial Cell Death. Neuromethods, 2011, , 305-330.	0.3	5
46	Tu1732 Colon Pathology in a Mouse Model of Cigarette Smoke Induced Chronic Obstructive Pulmonary Disease (COPD) -A Model for Induction of Crohn's Disease?. Gastroenterology, 2014, 146, S-828-S-829.	1.3	0
47	Differential Tumor Necrosis Factor Ligand and Receptor Expression on Monocyte Subsets in Blood and Sputum. , 2019, , .		0
48	Flow cytometry-based profiling of immune cells in asthmatic sputum. , 2017, , .		0
49	Role ofÂnecroptosisÂin the pathogenesis of COPD.. , 2019, , .		0
50	Circulatory neutrophils in COPD feature downregulated CD62L expression in comparison with asthma and healthy participants. , 2019, , .		0
51	LSC - 2019 - Role of necroptosis in the pathogenesis of COPD. , 2019, , .		0
52	Dysregulation of sputum columnar epithelial cells and products in distinct asthma phenotypes. , 2019, , .		0
53	Sputum mast cells associate with clinical and inflammatory features of asthma. , 2020, , .		0
54	Neutrophilic asthma features increased airway classical monocytes. , 2020, , .		0