

Sinead Weldon

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,999
citations

236925

25
h-index

243625

44
g-index

53
all docs

53
docs citations

53
times ranked

3048
citing authors

#	ARTICLE	IF	CITATIONS
1	Docosahexaenoic acid induces an anti-inflammatory profile in lipopolysaccharide-stimulated human THP-1 macrophages more effectively than eicosapentaenoic acid. <i>Journal of Nutritional Biochemistry</i> , 2007, 18, 250-258.	4.2	261
2	Secretory leucoprotease inhibitor binds to NF- κ B binding sites in monocytes and inhibits p65 binding. <i>Journal of Experimental Medicine</i> , 2005, 202, 1659-1668.	8.5	204
3	Decreased Levels of Secretory Leucoprotease Inhibitor in the <i>Pseudomonas</i> -Infected Cystic Fibrosis Lung Are Due to Neutrophil Elastase Degradation. <i>Journal of Immunology</i> , 2009, 183, 8148-8156.	0.8	109
4	SLPI and elafin: multifunctional antiproteases of the WFDC family. <i>Biochemical Society Transactions</i> , 2011, 39, 1437-1440.	3.4	95
5	Evaluation of the Ability of LL-37 to Neutralise LPS In Vitro and Ex Vivo. <i>PLoS ONE</i> , 2011, 6, e26525.	2.5	88
6	The Role of Serine Proteases and Antiproteases in the Cystic Fibrosis Lung. <i>Mediators of Inflammation</i> , 2015, 2015, 1-10.	3.0	87
7	Elafin, an Elastase-specific Inhibitor, Is Cleaved by Its Cognate Enzyme Neutrophil Elastase in Sputum from Individuals with Cystic Fibrosis. <i>Journal of Biological Chemistry</i> , 2008, 283, 32377-32385.	3.4	75
8	miR-31 Dysregulation in Cystic Fibrosis Airways Contributes to Increased Pulmonary Cathepsin S Production. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 165-174.	5.6	71
9	Glucocorticoid receptor β 2 and histone deacetylase 1 and 2 expression in the airways of severe asthma. <i>Thorax</i> , 2012, 67, 392-398.	5.6	60
10	Respiratory Syncytial Virus Infections Enhance Cigarette Smoke Induced COPD in Mice. <i>PLoS ONE</i> , 2014, 9, e90567.	2.5	52
11	Cathepsin S: investigating an old player in lung disease pathogenesis, comorbidities, and potential therapeutics. <i>Respiratory Research</i> , 2020, 21, 111.	3.6	47
12	Activity of innate antimicrobial peptides and ivacaftor against clinical cystic fibrosis respiratory pathogens. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 427-435.	2.5	43
13	Targeting Proteases in Cystic Fibrosis Lung Disease. Paradigms, Progress, and Potential. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 141-147.	5.6	43
14	Impaired Immune Tolerance to <i>Porphyromonas gingivalis</i> Lipopolysaccharide Promotes Neutrophil Migration and Decreased Apoptosis. <i>Infection and Immunity</i> , 2010, 78, 4151-4156.	2.2	42
15	<i>Fasciola hepatica</i> -Derived Molecules as Regulators of the Host Immune Response. <i>Frontiers in Immunology</i> , 2020, 11, 2182.	4.8	42
16	Conjugated linoleic acid and atherosclerosis: no effect on molecular markers of cholesterol homeostasis in THP-1 macrophages. <i>Atherosclerosis</i> , 2004, 174, 261-273.	0.8	40
17	The role of secretory leucoprotease inhibitor in the resolution of inflammatory responses. <i>Biochemical Society Transactions</i> , 2007, 35, 273-276.	3.4	40
18	Protein Phosphatase 2A Reduces Cigarette Smoke-induced Cathepsin S and Loss of Lung Function. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 51-62.	5.6	39

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19	Proteases and Their Inhibitors in Chronic Obstructive Pulmonary Disease. <i>Journal of Clinical Medicine</i> , 2018, 7, 244.	2.4	37
20	Airway Inflammation and Host Responses in the Era of CFTR Modulators. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6379.	4.1	36
21	Mechanisms of Virus-Induced Airway Immunity Dysfunction in the Pathogenesis of COPD Disease, Progression, and Exacerbation. <i>Frontiers in Immunology</i> , 2020, 11, 1205.	4.8	33
22	Functional study of elafin cleaved by <i>Pseudomonas aeruginosa</i> metalloproteinases. <i>Biological Chemistry</i> , 2010, 391, 705-16.	2.5	31
23	Type-I interferons induce lung protease responses following respiratory syncytial virus infection via RIG-I-like receptors. <i>Mucosal Immunology</i> , 2015, 8, 161-175.	6.0	31
24	Targeting of cathepsin S reduces cystic fibrosis-like lung disease. <i>European Respiratory Journal</i> , 2019, 53, 1801523.	6.7	31
25	Inhibition of ataxia telangiectasia related-3 (ATR) improves therapeutic index in preclinical models of non-small cell lung cancer (NSCLC) radiotherapy. <i>Radiotherapy and Oncology</i> , 2017, 124, 475-481.	0.6	30
26	A secretory leukocyte protease inhibitor variant with improved activity against lung infection. <i>Mucosal Immunology</i> , 2016, 9, 669-676.	6.0	27
27	INNATE HOST DEFENSE FUNCTIONS OF SECRETORY LEUCOPROTEASE INHIBITOR. <i>Experimental Lung Research</i> , 2007, 33, 485-491.	1.2	24
28	Antiproteases as Therapeutics to Target Inflammation in Cystic Fibrosis–!2009-07-21–!2009-10-30–!2010-03-30–!. <i>Open Respiratory Medicine Journal</i> , 2010, 4, 20-31.	0.4	23
29	The Effect of CFTR Modulators on Airway Infection in Cystic Fibrosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3513.	4.1	23
30	A Functional Variant of Elafin With Improved Anti-inflammatory Activity for Pulmonary Inflammation. <i>Molecular Therapy</i> , 2015, 23, 24-31.	8.2	20
31	Preclinical Evaluation of Dose-Volume Effects and Lung Toxicity Occurring In and Out-of-Field. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 1231-1240.	0.8	17
32	The role of whey acidic protein four-disulfide-core proteins in respiratory health and disease. <i>Biological Chemistry</i> , 2017, 398, 425-440.	2.5	16
33	The Impact of Aging in Acute Respiratory Distress Syndrome: A Clinical and Mechanistic Overview. <i>Frontiers in Medicine</i> , 2020, 7, 589553.	2.6	16
34	Proteolytic cleavage of elafin by 20S proteasome may contribute to inflammation in acute lung injury. <i>Thorax</i> , 2013, 68, 315-321.	5.6	15
35	A role for whey acidic protein four-disulfide-core 12 (WFDC12) in the regulation of the inflammatory response in the lung. <i>Thorax</i> , 2015, 70, 426-432.	5.6	15
36	Proteases, Mucus, and Mucosal Immunity in Chronic Lung Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5018.	4.1	15

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37	The Ability of Secretory Leukocyte Protease Inhibitor to Inhibit Apoptosis in Monocytes Is Independent of Its Antiprotease Activity. <i>Journal of Immunology Research</i> , 2015, 2015, 1-6.	2.2	14
38	Antiproteases as Therapeutics to Target Inflammation in Cystic Fibrosis. <i>Open Respiratory Medicine Journal</i> , 2010, 4, 20-31.	0.4	13
39	Sea snake cathelicidin (Hc-cath) exerts a protective effect in mouse models of lung inflammation and infection. <i>Scientific Reports</i> , 2019, 9, 6071.	3.3	13
40	The parasitic 68-mer peptide FhHDM-1 inhibits mixed granulocytic inflammation and airway hyperreactivity in experimental asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 2316-2319.	2.9	9
41	Inflammation and host-pathogen interaction: Cause and consequence in cystic fibrosis lung disease. <i>Journal of Cystic Fibrosis</i> , 2018, 17, S40-S45.	0.7	9
42	Cathepsin S Contributes to Lung Inflammation in Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 769-782.	5.6	9
43	LPS induced tissue factor expression in the THP-1 monocyte cell line is attenuated by conjugated linoleic acid. <i>Thrombosis Research</i> , 2006, 117, 475-480.	1.7	8
44	Cystic fibrosis epithelial cells are primed for apoptosis as a result of increased Fas (CD95). <i>Journal of Cystic Fibrosis</i> , 2018, 17, 616-623.	0.7	8
45	Schistosoma mansoni immunomodulatory molecule Sm16/SPO-1/SmSLP is a member of the trematode-specific helminth defence molecules (HDMs). <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008470.	3.0	8
46	Lack of IL-1 Receptor Signaling Reduces Spontaneous Airway Eosinophilia in Juvenile Mice with Muco-Obstructive Lung Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 300-309.	2.9	7
47	Deciphering Respiratory-Virus-Associated Interferon Signaling in COPD Airway Epithelium. <i>Medicina (Lithuania)</i> , 2022, 58, 121.	2.0	6
48	Characterisation of eppin function: expression and activity in the lung. <i>European Respiratory Journal</i> , 2017, 50, 1601937.	6.7	5
49	The Impact of Lung Proteases on Snake-Derived Antimicrobial Peptides. <i>Biomolecules</i> , 2021, 11, 1106.	4.0	5
50	Therapeutic Inhibition of Cathepsin S Reduces Inflammation and Mucus Plugging in Adult $\hat{2}$ ENaC-Tg Mice. <i>Mediators of Inflammation</i> , 2021, 2021, 1-10.	3.0	3
51	Altered Differentiation and Inflammation Profiles Contribute to Enhanced Innate Responses in Severe COPD Epithelium to Rhinovirus Infection. <i>Frontiers in Medicine</i> , 2022, 9, 741989.	2.6	3
52	At the forefront of cystic fibrosis Basic Science research: 16th ECFS Basic Science Conference. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 169-170.	0.7	1
53	The Serpin-tine Search for Factors Associated with COVID-19 Severity in Patients with COPD. <i>American Journal of Respiratory and Critical Care Medicine</i> , 0, , .	5.6	0