Lucy C Fairclough

List of Publications by Year
in descending order

69	2,085	257450 24	243625 44
papers	citations	h-index	g-index

73	73	73	3328
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ELISA in the multiplex era: Potentials and pitfalls. Proteomics - Clinical Applications, 2015, 9, 406-422.	1.6	288
2	The Cysteine Protease Activity of the Major Dust Mite Allergen Der P 1 Selectively Enhances the Immunoglobulin E Antibody Response. Journal of Experimental Medicine, 1999, 190, 1897-1902.	8.5	198
3	The proteolytic activity of the major dust mite allergen Der p 1 conditions dendritic cells to produce less interleukinâ€12: allergenâ€induced Th2 bias determined at the dendritic cell level. Clinical and Experimental Allergy, 2002, 32, 1468-1475.	2.9	134
4	Activity Profile of Dust Mite Allergen Extract Using Substrate Libraries and Functional Proteomic Microarrays. Chemistry and Biology, 2004, 11, 1361-1372.	6.0	108
5	Quantitative Validation and Comparison of Multiplex Cytokine Kits. Journal of Biomolecular Screening, 2010, 15, 562-568.	2.6	90
6	The proteolytic activity of the major dust mite allergen Der pÂ1 enhances the IgE antibody response to a bystander antigen. Clinical and Experimental Allergy, 2001, 31, 1594-1598.	2.9	74
7	Proteolytic activity of the house dust mite allergen Der p 1 enhances allergenicity in a mouse inhalation model. Clinical and Experimental Allergy, 2003, 33, 1159-1163.	2.9	70
8	Utility, reliability and reproducibility of immunoassay multiplex kits. Methods, 2013, 61, 23-29.	3.8	68
9	Regulation in chronic obstructive pulmonary disease: the role of regulatory T-cells and Th17 cells. Clinical Science, 2010, 119, 75-86.	4.3	63
10	Enhanced effector function of cytotoxic cells in the induced sputum of COPD patients. Respiratory Research, 2010, 11, 76.	3.6	52
11	Highly sensitive label-free antibody detection using a long period fibre grating sensor. Sensors and Actuators B: Chemical, 2018, 271, 24-32.	7.8	50
12	The photofading mechanism of commercial reactive dyes on cotton. Dyes and Pigments, 2003, 59, 269-275.	3.7	45
13	Prophylactic Antibiotic Use in COPD and the Potential Anti-Inflammatory Activities of Antibiotics. Respiratory Care, 2018, 63, 609-619.	1.6	45
14	Altered effector function of peripheral cytotoxic cells in COPD. Respiratory Research, 2009, 10, 53.	3.6	42
15	The detection of ADAM8 protein on cells of the human immune system and the demonstration of its expression on peripheral blood B cells, dendritic cells and monocyte subsets. Immunobiology, 2007, 212, 29-38.	1.9	37
16	Killer cells in chronic obstructive pulmonary disease. Clinical Science, 2008, 114, 533-541.	4.3	37
17	The role of CD8â€‰+â€‰T lymphocytes in chronic obstructive pulmonary disease: a systematic review. Inflammation Research, 2021, 70, 11-18.	4.0	37
18	A proâ€inflammatory signalome is constitutively activated by C33Y mutant TNF receptor 1 in TNF receptorâ€associated periodic syndrome (TRAPS). European Journal of Immunology, 2014, 44, 2096-2110.	2.9	36

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19	IgE autoantibodies and their association with the disease activity and phenotype in bullous pemphigoid: a systematic review. Archives of Dermatological Research, 2018, 310, 11-28.	1.9	35
20	Cigarette smoking differentially affects immunoglobulin class levels in serum and saliva: An investigation and review. Basic and Clinical Pharmacology and Toxicology, 2019, 125, 474-483.	2.5	35
21	Differential Activation of Killer Cells in the Circulation and the Lung: A Study of Current Smoking Status and Chronic Obstructive Pulmonary Disease (COPD). PLoS ONE, 2013, 8, e58556.	2.5	34
22	Perceptions and Experiences of the University of Nottingham Pilot SARS-CoV-2 Asymptomatic Testing Service: A Mixed-Methods Study. International Journal of Environmental Research and Public Health, 2021, 18, 188.	2.6	34
23	Life-threatening hypersensitivity pneumonitis secondary to e-cigarettes. Archives of Disease in Childhood, 2020, 105, 1114-1116.	1.9	31
24	Positive mood on the day of influenza vaccination predicts vaccine effectiveness: A prospective observational cohort study. Brain, Behavior, and Immunity, 2018, 67, 314-323.	4.1	27
25	Development and Validation of Protein Microarray Technology for Simultaneous Inflammatory Mediator Detection in Human Sera. Mediators of Inflammation, 2014, 2014, 1-12.	3.0	26
26	Multiple Circulating Cytokines Are Coelevated in Chronic Obstructive Pulmonary Disease. Mediators of Inflammation, 2016, 2016, 1-9.	3.0	26
27	Extracellular vesicles and asthma: A review of the literature. Clinical and Experimental Allergy, 2020, 50, 291-307.	2.9	26
28	Systems biology coupled with label-free high-throughput detection as a novel approach for diagnosis of chronic obstructive pulmonary disease. Respiratory Research, 2009, 10, 29.	3.6	21
29	Whole bloodâ€based measurement of SARSâ€CoVâ€2â€specific T cells reveals asymptomatic infection and vaccine immunogenicity in healthy subjects and patients with solidâ€organ cancers. Immunology, 2022, 165, 250-259.	4.4	21
30	Natural and disease-specific autoantibodies in chronic obstructive pulmonary disease. Clinical and Experimental Immunology, 2015, 180, 155-163.	2.6	20
31	The production and characterisation of a chimaeric human IgE antibody, recognising the major mite allergen Der p 1, and its chimaeric human IgG1 anti-idiotype. Journal of Clinical Pathology, 2002, 55, 315-324.	1.9	19
32	The proteolytic activity of Der p 1 selectively enhances IgE synthesis: a link between allergenicity and cysteine protease activity. Clinical and Experimental Allergy, 2000, 30, 751-752.	2.9	18
33	Allergen-driven suppression of thiol production by human dendritic cells and the effect of thiols on T cell function. Immunobiology, 2009, 214, 2-16.	1.9	17
34	Tobacco smoke and nicotine suppress expression of activating signaling molecules in human dendritic cells. Toxicology Letters, 2018, 299, 40-46.	0.8	17
35	Atopic dermatitis and autoimmunity: the occurrence of autoantibodies and their association with disease severity. Archives of Dermatological Research, 2019, 311, 141-162.	1.9	17
36	Immunological basis of reversible and fixed airways disease. Clinical Science, 2011, 121, 285-296.	4.3	16

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37	Autoantibodies in chronic obstructive pulmonary disease: A systematic review. Immunology Letters, 2019, 214, 8-15.	2.5	15
38	Psychological interventions as vaccine adjuvants: A systematic review. Vaccine, 2019, 37, 3255-3266.	3.8	14
39	Electronic cigarette vapour moderately stimulates pro-inflammatory signalling pathways and interleukin-6 production by human monocyte-derived dendritic cells. Archives of Toxicology, 2020, 94, 2097-2112.	4.2	14
40	Characterization of Behavioral, Signaling and Cytokine Alterations in a Rat Neurodevelopmental Model for Schizophrenia, and Their Reversal by the 5-HT6 Receptor Antagonist SB-399885. Molecular Neurobiology, 2018, 55, 7413-7430.	4.0	12
41	Extracellular vesicles and chronic obstructive pulmonary disease (COPD): a systematic review. Respiratory Research, 2022, 23, 82.	3.6	12
42	Immunological and pathological effects of electronic cigarettes. Basic and Clinical Pharmacology and Toxicology, 2019, 125, 237-252.	2.5	11
43	Autoantibodies of IgM and IgG classes show differences in recognition of multiple autoantigens in chronic obstructive pulmonary disease. Clinical Immunology, 2017, 183, 344-353.	3.2	9
44	Ex vivo and in vitro production of pro-inflammatory cytokines in Blau syndrome. Reumatismo, 2014, 66, 277-284.	0.9	8
45	Tumour necrosis factor receptor I blockade shows that TNFâ€dependent and TNFâ€independent mechanisms synergise in TNF receptor associated periodic syndrome. European Journal of Immunology, 2015, 45, 2937-2944.	2.9	8
46	Patients with tumour necrosis factor (TNF) receptor-associated periodic syndrome (TRAPS) are hypersensitive to Toll-like receptor 9 stimulation. Clinical and Experimental Immunology, 2019, 197, 352-360.	2.6	8
47	A signalome screening approach in the autoinflammatory disease TNF receptor associated periodic syndrome (TRAPS) highlights the anti-inflammatory properties of drugs for repurposing. Pharmacological Research, 2017, 125, 188-200.	7.1	7
48	The application of protein microarray assays in psychoneuroimmunology. Brain, Behavior, and Immunity, 2017, 59, 62-66.	4.1	7
49	OUP accepted manuscript. Journal of Infectious Diseases, 2022, , .	4.0	6
50	The Role of Lipids in Allergic Sensitization: A Systematic Review. Frontiers in Molecular Biosciences, 2022, 9, 832330.	3.5	6
51	Effects of non-pharmacological interventions as vaccine adjuvants in humans: a systematic review and network meta-analysis. Health Psychology Review, 2021, 15, 245-271.	8.6	4
52	Phantom dosimetry for conformal stereotactic radiotherapy with a Head and Neck Localizer frame. Physics in Medicine and Biology, 2001, 46, 1975-1984.	3.0	3
53	Peripheral killer cells do not differentiate between asthma patients with or without fixed airway obstruction. Journal of Asthma, 2017, 54, 456-466.	1.7	3
54	Measuring Vaccine Responses in the Multiplex Era. Methods in Molecular Biology, 2018, 1781, 327-340.	0.9	3

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55	Mutations in the binding site of TNFR1 PLAD reduce homologous interactions but can enhance antagonism of wildâ€type TNFR1 activity. Immunology, 2021, 164, 637-654.	4.4	3
56	Mood and influenza vaccination in older adults: A randomized controlled trial.. Health Psychology, 2019, 38, 984-996.	1.6	3
57	Modifying Hofstee standard setting for assessments that vary in difficulty, and to determine boundaries for different levels of achievement. BMC Medical Education, 2016, 16, 34.	2.4	2
58	Modifying the Hofstee method may overcome problems. Medical Teacher, 2014, 36, 358-359.	1.8	1
59	Towards a surrogate system to express human lipid binding TCRs. Biotechnology Letters, 2019, 41, 1095-1104.	2.2	1
60	Multiple pathways of type 1 interferon production in lupus: the case for amlexanox. Rheumatology, 2020, 59, 3980-3982.	1.9	1
61	Defining lipids and T cell receptors involved in the intrinsic allergenicity of nut proteins. Clinical and Translational Allergy, 2020, 10, 54.	3.2	1
62	Translocation of dna polymerase-Î± during the mitotic cycle of Physarum polycephalum. Cell Biology International Reports, 1992, 16, 1139-1144.	0.6	0
63	P40 Increased advanced glycation end products in patients with chronic obstructive pulmonary disease (COPD). Thorax, 2011, 66, A84-A84.	5.6	0
64	P02-013 - TH17 cells and regulatory T cells in TRAPS. Pediatric Rheumatology, 2013, 11, .	2.1	0
65	OR13-005 â€“ Investigation of clinical and laboratory significance of TNFRSF1A intron by reverse-phase protein microarray. Pediatric Rheumatology, 2013, 11, .	2.1	0
66	P6â€…Temporal relationships between lung cancer MDT recommendations and final outcomes. Thorax, 2013, 68, A77.1-A77.	5.6	0
67	The intracellular signalling pathway signature (the signalome) in PBMCs in the presence of a common TRAPS-associated genetic variant, TNFRSF1A p.(Arg121Gln) (legacy p.R92Q) is distinct from normal PBMCs and from other pathogenic variants. Pediatric Rheumatology, 2015, 13, .	2.1	0
68	Human IgM detection using an optical fibre long period grating sensor. , 2017, , .		0
69	Array-based measurements of aero-allergen-specific IgE correlate with skin-prick test reactivity in asthma regardless of specific IgG4 or total IgE measurements. Journal of Immunological Methods, 2021, 492, 112999.	1.4	0