

Elizabeth Sapey

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

4,704
citations

159358

30
h-index

106150

65
g-index

108
all docs

108
docs citations

108
times ranked

6655
citing authors

#	ARTICLE	IF	CITATIONS
1	Symptoms, complications and management of long COVID: a review. <i>Journal of the Royal Society of Medicine</i> , 2021, 114, 428-442.	1.1	481
2	Frailty and sarcopenia: The potential role of an aged immune system. <i>Ageing Research Reviews</i> , 2017, 36, 1-10.	5.0	376
3	COPD exacerbations {middle dot} 2: Aetiology. <i>Thorax</i> , 2006, 61, 250-258.	2.7	356
4	Phosphoinositide 3-kinase inhibition restores neutrophil accuracy in the elderly: toward targeted treatments for immunosenescence. <i>Blood</i> , 2014, 123, 239-248.	0.6	269
5	Vitamin D deficiency contributes directly to the acute respiratory distress syndrome (ARDS). <i>Thorax</i> , 2015, 70, 617-624.	2.7	258
6	Impaired neutrophil extracellular trap formation: a novel defect in the innate immune system of aged individuals. <i>Aging Cell</i> , 2014, 13, 690-698.	3.0	257
7	Senescence in innate immune responses: reduced neutrophil phagocytic capacity and CD16 expression in elderly humans. <i>Journal of Leukocyte Biology</i> , 2001, 70, 881-6.	1.5	253
8	Pro-inflammatory effects of e-cigarette vapour condensate on human alveolar macrophages. <i>Thorax</i> , 2018, 73, 1161-1169.	2.7	205
9	Oxidative Stress in COPD: Sources, Markers, and Potential Mechanisms. <i>Journal of Clinical Medicine</i> , 2017, 6, 21.	1.0	157
10	Behavioral and Structural Differences in Migrating Peripheral Neutrophils from Patients with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1176-1186.	2.5	143
11	Understanding the role of neutrophils in chronic inflammatory airway disease. <i>F1000Research</i> , 2019, 8, 557.	0.8	108
12	Imbalances Between Interleukin-1 and Tumor Necrosis Factor Agonists and Antagonists in Stable COPD. <i>Journal of Clinical Immunology</i> , 2009, 29, 508-516.	2.0	83
13	Simvastatin Improves Neutrophil Function and Clinical Outcomes in Pneumonia. A Pilot Randomized Controlled Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1282-1293.	2.5	82
14	Is periodontitis a comorbidity of COPD or can associations be explained by shared risk factors/behaviors?. <i>International Journal of COPD</i> , 2017, Volume 12, 1339-1349.	0.9	81
15	Treatment of lung disease in alpha-1 antitrypsin deficiency: a systematic review. <i>International Journal of COPD</i> , 2017, Volume 12, 1295-1308.	0.9	64
16	Ethnicity and risk of death in patients hospitalised for COVID-19 infection in the UK: an observational cohort study in an urban catchment area. <i>BMJ Open Respiratory Research</i> , 2020, 7, e000644.	1.2	63
17	Pulmonary Infections in the Elderly Lead to Impaired Neutrophil Targeting, Which Is Improved by Simvastatin. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1325-1336.	2.5	62
18	Tackling immunosenescence to improve COVID-19 outcomes and vaccine response in older adults. <i>The Lancet Healthy Longevity</i> , 2020, 1, e55-e57.	2.0	60

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19	Neutrophils in asthma: the good, the bad and the bacteria. <i>Thorax</i> , 2021, 76, 835-844.	2.7	58
20	Inter-relationships between inflammatory markers in patients with stable COPD with bronchitis: intra-patient and inter-patient variability. <i>Thorax</i> , 2008, 63, 493-499.	2.7	56
21	Inflammation and neutrophil immunosenescence in health and disease: Targeted treatments to improve clinical outcomes in the elderly. <i>Experimental Gerontology</i> , 2018, 105, 70-77.	1.2	54
22	Aberrant neutrophil functions in stable chronic obstructive pulmonary disease: The neutrophil as an immunotherapeutic target. <i>International Immunopharmacology</i> , 2013, 17, 1211-1217.	1.7	51
23	Maximal mid-expiratory flow detects early lung disease in α_1 -antitrypsin deficiency. <i>European Respiratory Journal</i> , 2017, 49, 1602055.	3.1	50
24	Habitual physical activity is associated with the maintenance of neutrophil migratory dynamics in healthy older adults. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 12-20.	2.0	49
25	Tumor Necrosis Factor ϵ rs361525 Polymorphism Is Associated with Increased Local Production and Downstream Inflammation in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 192-199.	2.5	48
26	TNF- α Autocrine Feedback Loops in Human Monocytes: The Pro- and Anti-Inflammatory Roles of the TNF- α Receptors Support the Concept of Selective TNFR1 Blockade <i>In Vivo</i> . <i>Journal of Immunology Research</i> , 2016, 2016, 1-13.	0.9	46
27	Neutrophilic Inflammation in the Pathogenesis of Chronic Obstructive Pulmonary Disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2018, 15, 392-404.	0.7	45
28	Small airways disease: time for a revisit?. <i>International Journal of COPD</i> , 2017, Volume 12, 2343-2353.	0.9	44
29	Variability of sputum inflammatory mediators in COPD and α_1 -antitrypsin deficiency. <i>European Respiratory Journal</i> , 2012, 40, 561-569.	3.1	38
30	Sepsis Induces a Dysregulated Neutrophil Phenotype That Is Associated with Increased Mortality. <i>Mediators of Inflammation</i> , 2018, 2018, 1-10.	1.4	37
31	Proteinase 3; a potential target in chronic obstructive pulmonary disease and other chronic inflammatory diseases. <i>Respiratory Research</i> , 2018, 19, 180.	1.4	36
32	Neutrophils in community-acquired pneumonia: parallels in dysfunction at the extremes of age. <i>Thorax</i> , 2020, 75, 164-171.	2.7	36
33	Shared mechanisms of multimorbidity in COPD, atherosclerosis and type-2 diabetes: the neutrophil as a potential inflammatory target. <i>European Respiratory Review</i> , 2020, 29, 190102.	3.0	36
34	Building toolkits for COPD exacerbations: lessons from the past and present. <i>Thorax</i> , 2019, 74, 898-905.	2.7	34
35	The clinical and inflammatory relationships between periodontitis and chronic obstructive pulmonary disease. <i>Journal of Clinical Periodontology</i> , 2020, 47, 1040-1052.	2.3	34
36	Repurposing Treatments to Enhance Innate Immunity. Can Statins Improve Neutrophil Functions and Clinical Outcomes in COPD?. <i>Journal of Clinical Medicine</i> , 2016, 5, 89.	1.0	32

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37	Bilateral Anterior Thigh Thickness: A New Diagnostic Tool for the Identification of Low Muscle Mass?. Journal of the American Medical Directors Association, 2019, 20, 1247-1253.e2.	1.2	32
38	Statin therapy in patients with community-acquired pneumonia. Clinical Medicine, 2017, 17, 403-407.	0.8	30
39	Frailty Is Associated With Neutrophil Dysfunction Which Is Correctable With Phosphoinositol-3-Kinase Inhibitors. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 2320-2325.	1.7	25
40	Simvastatin to modify neutrophil function in older patients with septic pneumonia (SNOOPI): study protocol for a randomised placebo-controlled trial. Trials, 2014, 15, 332.	0.7	21
41	Therapies for Long COVID in non-hospitalised individuals: from symptoms, patient-reported outcomes and immunology to targeted therapies (The TLC Study). BMJ Open, 2022, 12, e060413.	0.8	21
42	The challenges of muscle biopsy in a community based geriatric population. BMC Research Notes, 2018, 11, 830.	0.6	20
43	Predicting the pulmonary effects of long-term e-cigarette use: are the clouds clearing?. European Respiratory Review, 2022, 31, 210121.	3.0	20
44	Early identification of severe community-acquired pneumonia: a retrospective observational study. BMJ Open Respiratory Research, 2019, 6, e000438.	1.2	18
45	What is the significance of monoclonal gammopathy of undetermined significance?. Clinical Medicine, 2018, 18, 391-396.	0.8	17
46	<p>Monocytes and Macrophages in Alpha-1 Antitrypsin Deficiency</p>. International Journal of COPD, 2020, Volume 15, 3183-3192.	0.9	17
47	The prevalence and significance of monoclonal gammopathy of undetermined significance in acute medical admissions. British Journal of Haematology, 2020, 189, 1127-1135.	1.2	17
48	Neutrophil phenotypes in chronic lung disease. Expert Review of Respiratory Medicine, 2019, 13, 951-967.	1.0	16
49	A specific proteinase 3 activity footprint in Î± ₁ -antitrypsin deficiency. ERJ Open Research, 2019, 5, 00095-2019.	1.1	16
50	Hypoxia Increases the Potential for Neutrophil-mediated Endothelial Damage in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 903-916.	2.5	16
51	Perceptions of anonymised data use and awareness of the NHS data opt-out amongst patients, carers and healthcare staff. Research Involvement and Engagement, 2021, 7, 40.	1.1	15
52	Understanding potential mechanisms of harm: the drivers of electronic cigarette-induced changes in alveolar macrophages, neutrophils, and lung epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L336-L348.	1.3	15
53	Red, amber and green: the role of the lung in de-priming active systemic neutrophils. Thorax, 2014, 69, 606-608.	2.7	14
54	Friend or foe? The dual role of neutrophils in lung injury and repair. Thorax, 2018, 73, 305-307.	2.7	12

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55	Statins for Sepsis: Distinguishing Signal from the Noise When Designing Clinical Trials. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 874-874.	2.5	11
56	Physiological tests of small airways function in diagnosing asthma: a systematic review. <i>BMJ Open Respiratory Research</i> , 2020, 7, e000770.	1.2	10
57	Impact of ethnicity on the accuracy of measurements of oxygen saturations: A retrospective observational cohort study. <i>EClinicalMedicine</i> , 2022, 48, 101428.	3.2	10
58	The validation of assays used to measure biomarkers in exhaled breath condensate. <i>European Respiratory Journal</i> , 2008, 32, 1408-1409.	3.1	8
59	Infrastructure and operating processes of PIONEER, the HDR-UK Data Hub in Acute Care and the workings of the Data Trust Committee: a protocol paper. <i>BMJ Health and Care Informatics</i> , 2021, 28, e100294.	1.4	8
60	Inflammation, ageing and diseases of the lung: Potential therapeutic strategies from shared biological pathways. <i>British Journal of Pharmacology</i> , 2022, 179, 1790-1807.	2.7	8
61	Small Airways Response to Bronchodilators in Adults with Asthma or COPD: A Systematic Review. <i>International Journal of COPD</i> , 2021, Volume 16, 3065-3082.	0.9	8
62	How do we identify acute medical admissions that are suitable for same day emergency care?. <i>Clinical Medicine</i> , 2022, 22, 131-139.	0.8	8
63	Work-life balance in academic medicine. <i>Lancet, The</i> , 2015, 385, S6-S7.	6.3	7
64	Alpha-1 Antitrypsin Deficiency and Accelerated Aging: A New Model for an Old Disease?. <i>Drugs and Aging</i> , 2019, 36, 823-840.	1.3	7
65	Importance of validating antibody panels: Anti-PD-L1 clone binds AF700 fluorophore. <i>Journal of Immunological Methods</i> , 2020, 483, 112795.	0.6	7
66	New Pharmacological Tools to Target Leukocyte Trafficking in Lung Disease. <i>Frontiers in Immunology</i> , 2021, 12, 704173.	2.2	7
67	The diagnosis of asthma. Can physiological tests of small airways function help?. <i>Chronic Respiratory Disease</i> , 2021, 18, 147997312110533.	1.0	7
68	Evaluation of NEWS2 response thresholds in a retrospective observational study from a UK acute hospital. <i>BMJ Open</i> , 2022, 12, e054027.	0.8	7
69	What is the evidence base for fluid resuscitation in acute medicine?. <i>Clinical Medicine</i> , 2018, 18, 225-230.	0.8	6
70	Development and external validation of prognostic models for COVID-19 to support risk stratification in secondary care. <i>BMJ Open</i> , 2022, 12, e049506.	0.8	6
71	There is No Fast Track to Identify Fast Decliners in Alpha-1 Antitrypsin Deficiency by Spirometry: A Longitudinal Study of Repeated Measurements. <i>International Journal of COPD</i> , 2021, Volume 16, 835-840.	0.9	5
72	Frailty and the immune system. <i>Journal of Ageing Research and Healthcare</i> , 2017, 2, 1-14.	0.3	5

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73	Neutrophil Modulation in Alpha-1 Antitrypsin Deficiency. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2020, 7, 247-259.	0.5	5
74	An overview of exacerbations of chronic obstructive pulmonary disease: Can tests of small airways' function guide diagnosis and management?. Annals of Thoracic Medicine, 2020, 15, 54.	0.7	5
75	Evidence of active demyelination in a man with Leber's hereditary optic neuropathy mtDNA 14484 genotype. Neuro-Ophthalmology, 2001, 26, 119-126.	0.4	4
76	The Neutrophil and Its Special Role in Chronic Obstructive Pulmonary Disease. , 2009, , 173-191.		4
77	Assessing Fluid Resuscitation in Adults with Sepsis Who Are Not Mechanically Ventilated: a Systematic Review of Diagnostic Test Accuracy Studies. Journal of General Internal Medicine, 2019, 34, 1874-1883.	1.3	4
78	Applying a COVID Virtual Ward model, assessing patient outcomes and staff workload. Acute Medicine, 2021, 20, 266-275.	0.1	4
79	The rs361525 polymorphism does not increase production of tumor necrosis factor alpha by monocytes from alpha-1 antitrypsin deficient subjects with chronic obstructive pulmonary disease - a pilot study. Journal of Negative Results in BioMedicine, 2015, 14, 20.	1.4	3
80	COPD exacerbations: transforming outcomes through research. Lancet Respiratory Medicine,the, 2018, 6, 172-174.	5.2	3
81	Catching "Early" COPD " The Diagnostic Conundrum. International Journal of COPD, 2021, Volume 16, 957-968.	0.9	3
82	Neutrophil extracellular traps (NETs) in COPD: A potential novel mechanism for host damage in acute exacerbations. , 2015, , .		3
83	Machine learning of COVID-19 clinical data identifies population structures with therapeutic potential. IScience, 2022, 25, 104480.	1.9	3
84	S16...Simvastatin improves neutrophil migration in elderly patients with septic pneumonia and reduces 6-month mortality and re-admissions: results of the snoopi trial. Thorax, 2016, 71, A11-A12.	2.7	2
85	Getting stuck or choosing to stay? Neutrophil transit times in the lung in acute inflammation and COPD. Thorax, 2019, 74, 631-632.	2.7	2
86	Comment on "E-cigarette use increases susceptibility to bacterial infection by impairment of human neutrophil chemotaxis, phagocytosis, and NET formation". American Journal of Physiology - Cell Physiology, 2020, 318, C704-C705.	2.1	2
87	Electronic prescribing systems as tools to improve patient care: a learning health systems approach to increase guideline concordant prescribing for venous thromboembolism prevention. BMC Medical Informatics and Decision Making, 2022, 22, 121.	1.5	2
88	S96...Simvastatin as an adjuvant therapy for infection and sepsis" in-vitro and in-vivo studies suggest pre-emptive / early therapy in the elderly. Thorax, 2013, 68, A51.2-A52.	2.7	1
89	Pre-emptive or early adjuvant simvastatin therapy in elderly patients with infection and sepsis. Lancet, The, 2014, 383, S79.	6.3	1
90	A Systematic Review of the Use of Physiological Tests Assessing the Acute Response to Treatment During Exacerbations of COPD (with a Focus on Small Airway Function). COPD: Journal of Chronic Obstructive Pulmonary Disease, 2020, 17, 711-720.	0.7	1

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91	Electronic-prescribing tools improve N-acetylcysteine prescription accuracy and timeliness for patients who present following a paracetamol overdose: A digital innovation quality-improvement project. <i>Digital Health</i> , 2020, 6, 205520762096504.	0.9	1
92	Rapid adaptation of a local healthcare digital system to COVID-19: The experience in Birmingham (UK). <i>Health Policy and Technology</i> , 2021, 10, 100568.	1.3	1
93	The evidence for assessing frailty and sarcopenia in an acute medical unit: a systematic review. <i>Acute Medicine</i> , 2021, 20, 48-67.	0.1	1
94	Mitigating Health Risks to Reopen a Clinical Research Laboratory During the COVID-19 Pandemic: A Framework. <i>JMIR Research Protocols</i> , 2020, 9, e22570.	0.5	0