

David Chapman

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

1,775
citations

318942

23
h-index

340414

39
g-index

83
all docs

83
docs citations

83
times ranked

2685
citing authors

#	ARTICLE	IF	CITATIONS
1	What doctors should consider before prescribing e-cigarettes for e-cigarettes. Medical Journal of Australia, 2022, 216, 14-16.	0.8	3
2	The effect of oxygen and carbon dioxide cross-sensitivity sensor error in the Eco Medics Exhalyzer D device on measures of conductive and acinar airway function. ERJ Open Research, 2022, 8, 00614-2021.	1.1	2
3	Caution in interpretation of abnormal carbon monoxide diffusion capacity in COVID-19 patients. European Respiratory Journal, 2021, 57, 2003263.	3.1	19
4	To recline is to relax? Not when you have COPD!. European Respiratory Journal, 2021, 57, 2004415.	3.1	0
5	Long-term Variability of Oscillatory Impedance in Stable Obstructive Airways Disease. European Respiratory Journal, 2021, 58, 2004318.	3.1	8
6	Airway smooth muscle cells from severe asthma patients with fixed airflow obstruction are responsive to steroid and bronchodilator treatment in vitro. ERJ Open Research, 2021, 7, 00117-2021.	1.1	4
7	Dynamic compliance and reactance in older non-smokers with asthma and fixed airflow obstruction. European Respiratory Journal, 2021, 58, 2004400.	3.1	6
8	Maternal Particulate Matter Exposure Impairs Lung Health and Is Associated with Mitochondrial Damage. Antioxidants, 2021, 10, 1029.	2.2	10
9	Lung heterogeneity as a predictor for disease severity and response to therapy. Current Opinion in Physiology, 2021, 22, 100446.	0.9	4
10	Effect of combination inhaled therapy on ventilation distribution measured by SPECT/CT imaging in uncontrolled asthma. Journal of Applied Physiology, 2021, 131, 621-629.	1.2	5
11	Normal limits for oscillometric bronchodilator responses and relationships with clinical factors. ERJ Open Research, 2021, 7, 00439-2021.	1.1	7
12	Controlled <i>i</i> versus <i>l</i> free breathing for multiple breath nitrogen washout in healthy adults. ERJ Open Research, 2021, 7, 00435-2020.	1.1	5
13	Higher body mass index is associated with increased lung stiffness and less airway obstruction in individuals with asthma and fixed airflow obstruction. ERJ Open Research, 2021, 7, 00336-2020.	1.1	3
14	Reduced lung elastic recoil and fixed airflow obstruction in asthma. Respiriology, 2020, 25, 613-619.	1.3	33
15	Obesity alters the topographical distribution of ventilation and the regional response to bronchoconstriction. Journal of Applied Physiology, 2020, 128, 168-177.	1.2	12
16	How harmless are E-cigarettes? Effects in the pulmonary system. Current Opinion in Pulmonary Medicine, 2020, 26, 97-102.	1.2	8
17	Response. Chest, 2020, 158, 836-837.	0.4	0
18	Electronic cigarettes: A position statement from the Thoracic Society of Australia and New Zealand*. Respiriology, 2020, 25, 1082-1089.	1.3	23

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19	Asthma and Lung Mechanics. , 2020, 10, 975-1007.		14
20	Perception of Symptoms as the Next Frontier for Personalized Medicine. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 2651-2652.	2.0	1
21	Therapeutic efficacy of IL-17A neutralization with corticosteroid treatment in a model of antigen-driven mixed-granulocytic asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L693-L709.	1.3	17
22	The need for physiological phenotyping to develop new drugs for airways disease. Pharmacological Research, 2020, 159, 105029.	3.1	3
23	Ventilation heterogeneity and oscillometry predict asthma control improvement following step-up inhaled therapy in uncontrolled asthma. Respirology, 2020, 25, 827-835.	1.3	24
24	Airway epithelial specific deletion of Jun-N-terminal kinase 1 attenuates pulmonary fibrosis in two independent mouse models. PLoS ONE, 2020, 15, e0226904.	1.1	17
25	<p>Relationships Between Forced Oscillatory Impedance and 6-minute Walk Distance After Pulmonary Rehabilitation in COPD</p>. International Journal of COPD, 2020, Volume 15, 157-166.	0.9	9
26	The Evolving Landscape of e-Cigarettes. Chest, 2020, 157, 1362-1390.	0.4	109
27	Scientists in pyjamas: characterising the working arrangements and productivity of Australian medical researchers during the COVID-19 pandemic. Medical Journal of Australia, 2020, 213, 516-520.	0.8	15
28	Title is missing!. , 2020, 15, e0226904.		0
29	Title is missing!. , 2020, 15, e0226904.		0
30	Title is missing!. , 2020, 15, e0226904.		0
31	Title is missing!. , 2020, 15, e0226904.		0
32	The Effect of Flavored E-cigarettes on Murine Allergic Airways Disease. Scientific Reports, 2019, 9, 13671.	1.6	38
33	Time-based pulmonary features from electrical impedance tomography demonstrate ventilation heterogeneity in chronic obstructive pulmonary disease. Journal of Applied Physiology, 2019, 127, 1441-1452.	1.2	16
34	BMI but not central obesity predisposes to airway closure during bronchoconstriction. Respirology, 2019, 24, 543-550.	1.3	26
35	Dismantling the pathophysiology of asthma using imaging. European Respiratory Review, 2019, 28, 180111.	3.0	20
36	Older age and obesity are associated with increased airway closure in response to methacholine in patients with asthma. Respirology, 2019, 24, 638-645.	1.3	18

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37	Lung epithelial protein disulfide isomerase A3 (PDIA3) plays an important role in influenza infection, inflammation, and airway mechanics. <i>Redox Biology</i> , 2019, 22, 101129.	3.9	42
38	Respiratory system reactance reflects communicating lung volume in chronic obstructive pulmonary disease. <i>Journal of Applied Physiology</i> , 2019, 126, 1223-1231.	1.2	34
39	Lung elastic recoil and ventilation heterogeneity of diffusion-dependent airways in older people with asthma and fixed airflow obstruction. <i>European Respiratory Journal</i> , 2019, 53, 1801028.	3.1	12
40	Obesity and lung function: From childhood to adulthood. , 2019, , 45-65.		3
41	Conjugated bile acids attenuate allergen-induced airway inflammation and hyperresponsiveness by inhibiting UPR transducers. <i>JCI Insight</i> , 2019, 4, .	2.3	42
42	Maternal E-Cigarette Exposure in Mice Alters DNA Methylation and Lung Cytokine Expression in Offspring. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 366-377.	1.4	117
43	IL-1/inhibitory Î² kinase Î¼â€“induced glycolysis augment epithelial effector function and promote allergic airways disease. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 435-450.e10.	1.5	41
44	Peripheral airway dysfunction and relationship with symptoms in smokers with preserved spirometry. <i>Respirology</i> , 2018, 23, 512-518.	1.3	52
45	Steroid insensitive fixed airflow obstruction is not related to airway inflammation in older non-smokers with asthma. <i>Respiratory Research</i> , 2018, 19, 176.	1.4	7
46	Potential clinical utility for the multiple breath nitrogen washout. <i>Respirology</i> , 2018, 23, 729-730.	1.3	1
47	Reducing protein oxidation reverses lung fibrosis. <i>Nature Medicine</i> , 2018, 24, 1128-1135.	15.2	88
48	Lung epithelial PDIA3 plays a critical role in influenza infection. <i>FASEB Journal</i> , 2018, 32, 744.3.	0.2	0
49	Late Breaking Abstract - Estimating elastic recoil via the forced oscillation technique (FOT).. , 2018, , .		0
50	Airway smooth muscle tone increases airway responsiveness in healthy young adults. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L348-L357.	1.3	18
51	The Duffy antigen receptor for chemokines regulates asthma pathophysiology. <i>Clinical and Experimental Allergy</i> , 2017, 47, 1214-1222.	1.4	3
52	Bronchodilator responsiveness of peripheral airways in smokers with normal spirometry. <i>Respirology</i> , 2016, 21, 1270-1276.	1.3	15
53	Ablation of Glutaredoxin-1 Modulates House Dust Miteâ€“Induced Allergic Airways Disease in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 377-386.	1.4	18
54	JNK inhibition reduces lung remodeling and pulmonary fibrotic systemic markers. <i>Clinical and Translational Medicine</i> , 2016, 5, 36.	1.7	88

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55	Effect of a chemical chaperone, tauroursodeoxycholic acid, on HDM-induced allergic airway disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L1243-L1259.	1.3	32
56	Protein disulfide isomeraseâ€“endoplasmic reticulum resident protein 57 regulates allergen-induced airways inflammation, fibrosis, and hyperresponsiveness. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 822-832.e7.	1.5	46
57	The Burden of Cost in Bronchiolitis Obliterans Syndrome: Predictions for the Next Decade. <i>Journal of Health Economics and Outcomes Research</i> , 2016, 4, 119-126.	0.6	1
58	Ablation of the Thiol Transferase Glutaredoxin-1 Augments Protein S-Glutathionylation and Modulates Type 2 Inflammatory Responses and IL-17 in a House Dust Mite Model of Allergic Airway Disease in Mice. <i>Annals of the American Thoracic Society</i> , 2016, 13 Suppl 1, S97.	1.5	6
59	Mechanisms of airway hyperâ€“responsiveness in asthma: the past, present and yet to come. <i>Clinical and Experimental Allergy</i> , 2015, 45, 706-719.	1.4	97
60	Absence of c-Jun NH₂-terminal kinase 1 protects against house dust mite-induced pulmonary remodeling but not airway hyperresponsiveness and inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L866-L875.	1.3	25
61	Influence of distinct asthma phenotypes on lung function following weight loss in the obese. <i>Respirology</i> , 2014, 19, 1170-1177.	1.3	54
62	Relationship between the baseline alveolar volumeâ€“toâ€“total lung capacity ratio and airway responsiveness. <i>Respirology</i> , 2014, 19, 1046-1051.	1.3	14
63	Animal Models of Allergic Airways Disease: Where Are We and Where to Next?. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 2055-2064.	1.2	42
64	Smooth Muscle in the Maintenance of Increased Airway Resistance Elicited by Methacholine in Humans. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 879-885.	2.5	13
65	Respiratory Diseases in Obesity. , 2014, , 295-314.		0
66	The Nonallergic Asthma of Obesity. A Matter of Distal Lung Compliance. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 1494-1502.	2.5	127
67	Emerging mechanisms of glutathioneâ€“dependent chemistry in biology and disease. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 1962-1968.	1.2	36
68	Deep inspiration volume and the impaired reversal of bronchoconstriction in asthma. <i>Respiratory Physiology and Neurobiology</i> , 2013, 189, 506-512.	0.7	14
69	Lifestyles of the fat and lazy. <i>Clinical and Experimental Allergy</i> , 2013, 43, 2-4.	1.4	5
70	Does increased baseline ventilation heterogeneity following chest wall strapping predispose to airway hyperresponsiveness?. <i>Journal of Applied Physiology</i> , 2012, 113, 25-30.	1.2	19
71	The Relationship Between The Volume Of A Deep Inspiration And The Extent Of Airway Dilatation. , 2012, , ,		0
72	The dynamic face of respiratory research: Understanding the effect of airway disease on a lung in constant motion. <i>Pulmonary Pharmacology and Therapeutics</i> , 2011, 24, 505-512.	1.1	12

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73	Adaptation To Increased Airway Smooth Muscle-Tone Increases Airway Responsiveness In Healthy Subjects. , 2011, , .		0
74	Reduced Airway Distensibility Is Not Associated With Airway Re-Narrowing Following Deep Inspiration. , 2011, , .		0
75	Effect of deep inspiration avoidance on ventilation heterogeneity and airway responsiveness in healthy adults. Journal of Applied Physiology, 2011, 110, 1400-1405.	1.2	13
76	A "Good" muscle in a "Bad" environment: The importance of airway smooth muscle force adaptation to airway hyperresponsiveness. Respiratory Physiology and Neurobiology, 2011, 179, 269-275.	0.7	29
77	Avoiding deep inspirations increases the maximal response to methacholine without altering sensitivity in non-asthmatics. Respiratory Physiology and Neurobiology, 2010, 173, 157-163.	0.7	17
78	Can we cure airway hyperresponsiveness with a gym membership?. Journal of Applied Physiology, 2010, 109, 267-268.	1.2	2
79	Deep inspirations protect against airway closure in nonasthmatic subjects. Journal of Applied Physiology, 2009, 107, 564-569.	1.2	28
80	Increased airway closure is a determinant of airway hyperresponsiveness. European Respiratory Journal, 2008, 32, 1563-1569.	3.1	82