

Anh-Tuan Dinh-Xuan

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194
papers

8,115
citations

44
h-index

84
g-index

275
ext. papers

9,407
ext. citations

8.9
avg, IF

5.33
L-index

#	Paper	IF	Citations
194	Inhaled nitric oxide as a cause of selective pulmonary vasodilatation in pulmonary hypertension. <i>Lancet, The</i> , 1991 , 338, 1173-4	40	904
193	Successful cardiopulmonary resuscitation after cardiac arrest as a "sepsis-like" syndrome. <i>Circulation</i> , 2002 , 106, 562-8	16.7	699
192	Impairment of endothelium-dependent pulmonary-artery relaxation in chronic obstructive lung disease. <i>New England Journal of Medicine</i> , 1991 , 324, 1539-47	59.2	448
191	Molecular identification of the role of voltage-gated K ⁺ channels, Kv1.5 and Kv2.1, in hypoxic pulmonary vasoconstriction and control of resting membrane potential in rat pulmonary artery myocytes. <i>Journal of Clinical Investigation</i> , 1998 , 101, 2319-30	15.9	315
190	A European Respiratory Society technical standard: exhaled biomarkers in lung disease. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	295
189	Endothelium-derived nitric oxide and vascular physiology and pathology. <i>Cellular and Molecular Life Sciences</i> , 1999 , 55, 1078-87	10.3	222
188	Protective effects of hsp70 in inflammation. <i>Experientia</i> , 1994 , 50, 1031-8		198
187	Role of nitric oxide in hepatopulmonary syndrome in cirrhotic rats. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 164, 879-85	10.2	141
186	European union standards for tuberculosis care. <i>European Respiratory Journal</i> , 2012 , 39, 807-19	13.6	138
185	Early compared with delayed inhaled nitric oxide in moderately hypoxaemic neonates with respiratory failure: a randomised controlled trial. <i>Lancet, The</i> , 1999 , 354, 1066-1071	40	130
184	MACVIA-ARIA Sentinel Network for allergic rhinitis (MASK-rhinitis): the new generation guideline implementation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015 , 70, 1372-92	9.3	123
183	Integrated care pathways for airway diseases (AIRWAYS-ICPs). <i>European Respiratory Journal</i> , 2014 , 44, 304-23	13.6	112
182	Positioning the principles of precision medicine in care pathways for allergic rhinitis and chronic rhinosinusitis - A EUFOREA-ARIA-EPOS-AIRWAYS ICP statement. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 1297-1305	9.3	101
181	Impairment of pulmonary endothelium-dependent relaxation in patients with Eisenmenger's syndrome. <i>British Journal of Pharmacology</i> , 1990 , 99, 9-10	8.6	97
180	Effect of inhaled nitric oxide on right ventricular function in adult respiratory distress syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1995 , 151, 1414-9	10.2	95
179	ARIA 2016: Care pathways implementing emerging technologies for predictive medicine in rhinitis and asthma across the life cycle. <i>Clinical and Translational Allergy</i> , 2016 , 6, 47	5.2	95
178	MACVIA clinical decision algorithm in adolescents and adults with allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 367-374.e2	11.5	95

177	Prostacyclin (epoprostenol) and heart-lung transplantation as treatments for severe pulmonary hypertension. <i>Heart</i> , 1993 , 70, 366-70	5.1	93
176	Nitric oxide deficiency in fenfluramine- and dexfenfluramine-induced pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998 , 158, 1061-7	10.2	85
175	Treatment with 815-nm diode laser induces long-lasting expression of 72-kDa heat shock protein in normal rat skin. <i>British Journal of Dermatology</i> , 2001 , 144, 260-6	4	84
174	Physiology of the lung in idiopathic pulmonary fibrosis. <i>European Respiratory Review</i> , 2018 , 27,	9.8	83
173	Serum CC chemokine ligand-18 predicts lung disease worsening in systemic sclerosis. <i>European Respiratory Journal</i> , 2011 , 38, 1355-60	13.6	79
172	Inhaled nitric oxide therapy in adults: European expert recommendations. <i>Intensive Care Medicine</i> , 2005 , 31, 1029-41	14.5	76
171	Clinical significance of the pulmonary vasodilator response during short-term infusion of prostacyclin in primary pulmonary hypertension. <i>Circulation</i> , 1996 , 93, 484-8	16.7	74
170	Involvement of Ca ²⁺ /calmodulin-dependent protein kinase II in endothelial NO production and endothelium-dependent relaxation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 284, H2311-9	5.2	72
169	Treatment of pulmonary hypertension with the continuous infusion of a prostacyclin analogue, iloprost. <i>Heart</i> , 1998 , 79, 175-9	5.1	70
168	Standardisation and application of the single-breath determination of nitric oxide uptake in the lung. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	68
167	Pulmonary vascular endothelium: the orchestra conductor in respiratory diseases: Highlights from basic research to therapy. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	68
166	Congenital diaphragmatic hernia: current status and review of the literature. <i>European Journal of Pediatrics</i> , 2009 , 168, 393-406	4.1	68
165	A model to predict short-term death or readmission after intensive care unit discharge. <i>Journal of Critical Care</i> , 2012 , 27, 422.e1-9	4	66
164	Endogenous pulmonary nitric oxide production measured from exhaled air is increased in patients with severe cirrhosis. <i>Journal of Hepatology</i> , 1995 , 23, 471-3	13.4	66
163	Echocardiographic investigation of inhaled nitric oxide in newborn babies with severe hypoxaemia. <i>Lancet, The</i> , 1994 , 344, 303-5	4.0	66
162	Restoring effects of vitamin A on surfactant synthesis in nitrofen-induced congenital diaphragmatic hernia in rats. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 164, 1083-9	10.2	62
161	Improving lung health in low-income and middle-income countries: from challenges to solutions. <i>Lancet, The</i> , 2021 , 397, 928-940	4.0	57
160	Impairment of pulmonary-artery endothelium-dependent relaxation in chronic obstructive lung disease is not due to dysfunction of endothelial cell membrane receptors nor to L-arginine deficiency. <i>British Journal of Pharmacology</i> , 1993 , 109, 587-91	8.6	56

159	Endothelium-derived relaxing factor and the pulmonary circulation. <i>Lung</i> , 1991 , 169, 185-202	2.9	56
158	Prognostic factors for lung function in systemic sclerosis: prospective study of 105 cases. <i>European Respiratory Journal</i> , 2010 , 35, 112-7	13.6	54
157	Role of Rho-kinase and its inhibitors in pulmonary hypertension. <i>Pharmacology & Therapeutics</i> , 2013 , 137, 352-64	13.9	53
156	Long-term treatment with fasudil improves bleomycin-induced pulmonary fibrosis and pulmonary hypertension via inhibition of Smad2/3 phosphorylation. <i>Pulmonary Pharmacology and Therapeutics</i> , 2013 , 26, 635-43	3.5	49
155	Lack of specificity of the 6-minute walk test as an outcome measure for patients with systemic sclerosis. <i>Journal of Rheumatology</i> , 2009 , 36, 1481-5	4.1	46
154	Cabbage and fermented vegetables: From death rate heterogeneity in countries to candidates for mitigation strategies of severe COVID-19. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 735-750	9.3	46
153	Severity of scleroderma lung disease is related to alveolar concentration of nitric oxide. <i>European Respiratory Journal</i> , 2007 , 30, 26-30	13.6	44
152	Hyporeactivity of mesenteric resistance arteries in portal hypertensive rats. <i>Journal of Hepatology</i> , 1996 , 24, 487-90	13.4	44
151	Exhaled nitric oxide during acute changes of airways calibre in asthma. <i>European Respiratory Journal</i> , 1996 , 9, 1134-8	13.6	44
150	Multicentre trial evaluating alveolar NO fraction as a marker of asthma control and severity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2010 , 65, 636-44	9.3	42
149	Decreased pulmonary and tracheal smooth muscle expression and activity of type 1 nitric oxide synthase (nNOS) after ovalbumin immunization and multiple aerosol challenge in guinea pigs. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 164, 149-54	10.2	42
148	Contrasting effects of NO and peroxynitrites on HSP70 expression and apoptosis in human monocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2000 , 279, C452-60	5.4	39
147	Involvement of Na(+)/Ca(2+) exchanger in endothelial NO production and endothelium-dependent relaxation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 283, H837-44	5.2	38
146	Exhaled and nasal nitric oxide as a marker of pneumonia in ventilated patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 163, 1143-9	10.2	38
145	Prognostic value of six minute walk test in cystic fibrosis adults. <i>Respiratory Medicine</i> , 2013 , 107, 1881-7	4.6	37
144	Alveolar concentration of nitric oxide predicts pulmonary function deterioration in scleroderma. <i>Thorax</i> , 2012 , 67, 157-63	7.3	37
143	Reduced endothelium-dependent relaxation of cystic fibrosis pulmonary arteries. <i>European Journal of Pharmacology</i> , 1989 , 163, 401-3	5.3	37
142	Building Bridges for Innovation in Ageing: Synergies between Action Groups of the EIP on AHA. <i>Journal of Nutrition, Health and Aging</i> , 2017 , 21, 92-104	5.2	36

141	Scaling up strategies of the chronic respiratory disease programme of the European Innovation Partnership on Active and Healthy Ageing (Action Plan B3: Area 5). <i>Clinical and Translational Allergy</i> , 2016 , 6, 29	5.2	34
140	The role of the RhoA/Rho kinase pathway in angiogenesis and its potential value in prostate cancer (Review). <i>Oncology Letters</i> , 2014 , 8, 1907-1911	2.6	34
139	Role of vascular endothelial growth factor in prostate cancer. <i>Urology</i> , 2006 , 68, 244-8	1.6	34
138	Induction of stress proteins by tobacco smoke in human monocytes: modulation by antioxidants. <i>Cell Stress and Chaperones</i> , 1997 , 2, 156-61	4	34
137	ERS/ECDC Statement: European Union standards for tuberculosis care, 2017 update. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	33
136	The effect of zafirlukast on repetitive exercise-induced bronchoconstriction: the possible role of leukotrienes in exercise-induced refractoriness. <i>Journal of Allergy and Clinical Immunology</i> , 1999 , 104, 1155-61	11.5	33
135	Disease-related response to inhaled nitric oxide in newborns with severe hypoxaemic respiratory failure. French Paediatric Study Group of Inhaled NO. <i>European Journal of Pediatrics</i> , 1998 , 157, 747-52	4.1	32
134	Inhaled NO prevents hyperoxia-induced white matter damage in neonatal rats. <i>Experimental Neurology</i> , 2014 , 252, 114-23	5.7	30
133	Amelioration of systemic fibrosis in mice by angiotensin II receptor blockade. <i>Arthritis and Rheumatism</i> , 2013 , 65, 1367-77		30
132	Low-cost, easy-to-build noninvasive pressure support ventilator for under-resourced regions: open source hardware description, performance and feasibility testing. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	29
131	Congenital diaphragmatic hernia. A cause of persistent pulmonary hypertension of the newborn which lacks an effective therapy. <i>Neonatology</i> , 1998 , 74, 323-36	4	28
130	Inhaled and exhaled nitric oxide. <i>Cellular and Molecular Life Sciences</i> , 1999 , 55, 1103-12	10.3	28
129	In vitro contractile and relaxant responses of human resistance placental stem villi arteries of healthy parturients: role of endothelium. <i>Fundamental and Clinical Pharmacology</i> , 1995 , 9, 46-51	3.1	28
128	Initial use of one or two antibiotics for critically ill patients with community-acquired pneumonia: impact on survival and bacterial resistance. <i>Critical Care</i> , 2013 , 17, R265	10.8	27
127	Altered guanylyl-cyclase activity in vitro of pulmonary arteries from fetal lambs with congenital diaphragmatic hernia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002 , 27, 42-7	5.7	27
126	Accuracy assessment for three fiberoptic pulmonary artery catheters for SvO ₂ monitoring. <i>Intensive Care Medicine</i> , 1994 , 20, 484-8	14.5	27
125	RhoA/Rho-kinase activation promotes lung fibrosis in an animal model of systemic sclerosis. <i>Experimental Lung Research</i> , 2016 , 42, 44-55	2.3	26
124	The expression of vascular endothelial growth factor is associated with the risk of cancer progression after radical prostatectomy. <i>BJU International</i> , 2007 , 99, 1150-3	5.6	26

123	Nitric oxide synthase 1 as a potential modifier gene of decline in lung function in patients with cystic fibrosis. <i>Thorax</i> , 2004 , 59, 156-8	7.3	26
122	Nrf2-interacting nutrients and COVID-19: time for research to develop adaptation strategies. <i>Clinical and Translational Allergy</i> , 2020 , 10, 58	5.2	25
121	Rilmenidine. <i>Cardiovascular Drug Reviews</i> , 1990 , 8, 56-70		24
120	Clopidogrel protects from cell apoptosis and oxidative damage in a mouse model of renal ischaemia-reperfusion injury. <i>Journal of Pathology</i> , 2011 , 225, 265-75	9.4	23
119	Developmental expression of vasoactive and growth factors in human lung. Role in pulmonary vascular resistance adaptation at birth. <i>Pediatric Research</i> , 2005 , 57, 21R-25R	3.2	22
118	Increased Rho-kinase expression and activity and pulmonary endothelial dysfunction in smokers with normal lung function. <i>European Respiratory Journal</i> , 2011 , 37, 349-55	13.6	21
117	Effects of muscimol or homotaurine on sleep-wake states in alcohol-dependent rats during withdrawal. <i>Pharmacology Biochemistry and Behavior</i> , 1998 , 59, 955-60	3.9	21
116	Nitric oxide inhibits spleen cell proliferative response after burn injury by inducing cytostasis, apoptosis, and necrosis of activated T lymphocytes: role of the guanylate cyclase. <i>Cellular Immunology</i> , 2003 , 221, 50-63	4.4	21
115	Alpha-adrenoceptor stimulation of porcine pulmonary arteries. <i>European Journal of Pharmacology</i> , 1993 , 235, 169-75	5.3	21
114	Maturation changes of endothelial vasoactive factors and pulmonary vascular tone at birth. <i>European Respiratory Journal</i> , 2000 , 15, 158-65	13.6	20
113	Measurement of nitrogen dioxide formation from nitric oxide by chemiluminescence in ventilated children. <i>Lancet, The</i> , 1993 , 341, 969	4.0	20
112	Study of nasal exhaled nitric oxide levels in diagnosis of allergic rhinitis in subjects with and without asthma. <i>Journal of Asthma and Allergy</i> , 2017 , 10, 75-82	3.1	19
111	Exhaled nitric oxide in cystic fibrosis: relationships with airway and lung vascular impairments. <i>European Respiratory Journal</i> , 2009 , 34, 117-24	13.6	19
110	Exhaled nitric oxide, but not serum nitrite and nitrate, is a marker of interstitial lung disease in systemic sclerosis. <i>Nitric Oxide - Biology and Chemistry</i> , 2009 , 20, 200-6	5	19
109	Role of NO in the pulmonary artery hyporeactivity to phenylephrine in experimental biliary cirrhosis. <i>European Respiratory Journal</i> , 1996 , 9, 560-4	13.6	19
108	Lack of efficacy of inhaled nitric oxide in ARDS. <i>Intensive Care Medicine</i> , 1994 , 20, 532	14.5	19
107	Activation of RhoA/Rho-kinase pathway accounts for pulmonary endothelial dysfunction in patients with chronic obstructive pulmonary disease. <i>Physiological Reports</i> , 2013 , 1, e00105	2.6	18
106	Study of prone positioning to reduce ventilator-associated pneumonia in hypoxaemic patients. <i>European Respiratory Journal</i> , 2010 , 35, 795-804	13.6	18

105	Exercise-induced asthma. <i>Current Opinion in Pulmonary Medicine</i> , 2009 , 15, 25-8	3	18
104	Contribution of exhaled nitric oxide measurement in airway inflammation assessment in asthma. A position paper from the French Speaking Respiratory Society. <i>Revue Des Maladies Respiratoires</i> , 2015 , 32, 193-215	0	17
103	Endothelial modulation of vasoconstrictor responses to endothelin-1 in human placental stem villi small arteries. <i>British Journal of Pharmacology</i> , 1995 , 115, 1038-42	8.6	17
102	Effect of airway blood flow on airflow. <i>The American Review of Respiratory Disease</i> , 1992 , 146, S19-23		17
101	The DL/DL ratio: Physiological significance and clinical implications. <i>Respiratory Physiology and Neurobiology</i> , 2017 , 241, 17-22	2.8	16
100	Is arterialized earlobe blood PO ₂ an acceptable substitute for arterial blood PO ₂ ?. <i>European Respiratory Journal</i> , 1996 , 9, 1329-30	13.6	16
99	Cellular and molecular mechanisms in the pathophysiology of systemic sclerosis. <i>Pathologie Et Biologie</i> , 2015 , 63, 61-8		15
98	Increased alveolar nitric oxide concentration is related to nocturnal oxygen desaturation in obstructive sleep apnoea. <i>Nitric Oxide - Biology and Chemistry</i> , 2015 , 45, 27-34	5	15
97	Role of nitric oxide synthases in elastase-induced emphysema. <i>Laboratory Investigation</i> , 2011 , 91, 353-62	5.9	15
96	Increased alveolar concentration of nitric oxide is related to serum-induced lung fibroblast proliferation in patients with systemic sclerosis. <i>Journal of Rheumatology</i> , 2010 , 37, 1680-7	4.1	15
95	High levels of endogenous nitric oxide produced after burn injury in rats arrest activated T lymphocytes in the first G1 phase of the cell cycle and then induce their apoptosis. <i>Experimental Cell Research</i> , 2005 , 306, 150-67	4.2	15
94	Endothelial dysfunction in vascular disease. <i>Lancet, The</i> , 1990 , 336, 1253	40	15
93	Study of Exhaled Nitric Oxide in Subjects with Suspected Obstructive Sleep Apnea: A Pilot Study in Vietnam. <i>Pulmonary Medicine</i> , 2016 , 2016, 3050918	5.3	15
92	Inhaled nitric oxide for the adult respiratory distress syndrome. <i>New England Journal of Medicine</i> , 1993 , 329, 206-7	59.2	14
91	Primary pulmonary hypertension: diagnosis, medical and surgical treatment. <i>Respiratory Medicine</i> , 1990 , 84, 189-97	4.6	14
90	Pro PSA : a "pro cancer" form of PSA?. <i>Medical Hypotheses</i> , 2005 , 64, 92-5	3.8	13
89	Non-prostanoid endothelium-derived vasoactive factors. <i>Journal of International Medical Research</i> , 1989 , 17, 305-15	1.4	13
88	Comparative effects of rilmenidine and clonidine on bronchial responses to histamine in asthmatic subjects. <i>British Journal of Clinical Pharmacology</i> , 1988 , 26, 703-8	3.8	13

87	Clinical standards for the assessment, management and rehabilitation of post-TB lung disease. <i>International Journal of Tuberculosis and Lung Disease</i> , 2021 , 25, 797-813	2.1	13
86	Effects of growth and aging on the reference values of pulmonary nitric oxide dynamics in healthy subjects. <i>Journal of Breath Research</i> , 2017 , 11, 047103	3.1	12
85	Inhaled NO protects cerebral white matter in neonatal rats with combined brain and lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 897-9	10.2	12
84	Bronchial effects of alpha 2-adrenoceptor agonists and of other antihypertensive agents in asthma. <i>American Journal of Medicine</i> , 1989 , 87, 345-375	2.4	12
83	Effects of SK&F 104353, a leukotriene receptor antagonist, on the bronchial responses to histamine in subjects with asthma: a comparative study with terfenadine. <i>Journal of Allergy and Clinical Immunology</i> , 1990 , 85, 865-71	11.5	12
82	Macrophage Migration Inhibitory Factor (MIF) Inhibition in a Murine Model of Bleomycin-Induced Pulmonary Fibrosis. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	12
81	Serum levels of vascular endothelial growth factor in patients undergoing prostate biopsy for suspicion of prostate cancer. <i>Urology</i> , 2005 , 66, 687-91	1.6	11
80	European Respiratory Society Statement on Long COVID-19 Follow-Up.. <i>European Respiratory Journal</i> , 2022 ,	13.6	11
79	High RhoA expression at the tumor front in clinically localized prostate cancer and association with poor tumor differentiation. <i>Oncology Letters</i> , 2016 , 11, 1375-1381	2.6	10
78	High alveolar concentration of nitric oxide is associated with alveolitis in scleroderma. <i>Nitric Oxide - Biology and Chemistry</i> , 2013 , 28, 65-70	5	10
77	Nitric oxide activity through guanylate cyclase and phosphodiesterase modulation is impaired in fetal lambs with congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2011 , 46, 1516-22	2.6	10
76	Systemic arteriovenous fistula leads to pulmonary artery remodeling and abnormal vasoreactivity in the fetal lamb. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003 , 285, L701-9	5.8	10
75	Relationship between chronic hypoxia and in vitro pulmonary relaxation mediated by endothelium-derived relaxing factors in human chronic obstructive lung disease. <i>Angiology</i> , 1992 , 43, 350-6	2.1	10
74	Utilising exhaled nitric oxide information to enhance diagnosis and therapy of respiratory disease - current evidence for clinical practice and proposals to improve the methodology. <i>Expert Review of Respiratory Medicine</i> , 2017 , 11, 101-109	3.8	9
73	Combined measurement of carbon monoxide and nitric oxide lung transfer does not improve the identification of pulmonary hypertension in systemic sclerosis. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	9
72	Increased exhaled nitric oxide precedes lung fibrosis in two murine models of systemic sclerosis. <i>Journal of Breath Research</i> , 2015 , 9, 036007	3.1	9
71	Early inhaled nitric oxide at high dose enhances rat lung development after birth. <i>Nitric Oxide - Biology and Chemistry</i> , 2014 , 38, 8-16	5	9
70	Altered myosin isoform expression in rat skeletal muscles induced by a changed thyroid state. <i>Acta Physiologica Scandinavica</i> , 2002 , 176, 233-43		9

69	Deep Learning-based Approach for Automated Assessment of Interstitial Lung Disease in Systemic Sclerosis on CT Images. <i>Radiology: Artificial Intelligence</i> , 2020 , 2, e190006	8.7	9
68	Nitrogen monoxide and carbon monoxide transfer interpretation: state of the art. <i>Clinical Physiology and Functional Imaging</i> , 2017 , 37, 357-365	2.4	8
67	Exhaled NO predicts cyclophosphamide response in scleroderma-related lung disease. <i>Nitric Oxide - Biology and Chemistry</i> , 2014 , 40, 17-21	5	8
66	The prognostic value of vascular endothelial growth factor (VEGF)-A and its receptor in clinically localized prostate cancer: a prospective evaluation in 100 patients undergoing radical prostatectomy. <i>Canadian Journal of Urology</i> , 2008 , 15, 4257-62	0.8	8
65	Fasudil inhibits prostate cancer-induced angiogenesis in vitro. <i>Oncology Reports</i> , 2014 , 32, 2795-802	3.5	7
64	Reduced exhaled NO is related to impaired nasal potential difference in patients with cystic fibrosis. <i>Vascular Pharmacology</i> , 2005 , 43, 385-9	5.9	7
63	Measurement of nitric oxide, nitrite and nitrate using a chemiluminescence assay:an update for the year 2000. <i>Analisis - European Journal of Analytical Chemistry</i> , 2000 , 28, 455-465		7
62	The use, and misuse, of exogenous endothelial-derived vasodilators in acute respiratory failure. <i>Intensive Care Medicine</i> , 1997 , 23, 1110-8	14.5	6
61	The effect of a systemic arteriovenous fistula on the pulmonary arterial blood pressure in the fetal sheep. <i>Prenatal Diagnosis</i> , 2002 , 22, 48-51	3.2	6
60	Absence of nitric oxide in airways of ventilated patients. <i>Lancet, The</i> , 1994 , 343, 1232-3	40	6
59	Exercise increases the release of atrial natriuretic peptide in heart transplant recipients. <i>European Journal of Clinical Pharmacology</i> , 1992 , 42, 21-4	2.8	6
58	Inhaled terbutaline administered via a spacer fully prevents exercise-induced asthma in young asthmatic subjects: a double-blind, randomized, placebo-controlled study. <i>Journal of International Medical Research</i> , 1989 , 17, 506-13	1.4	6
57	Exercise-induced asthma as a vascular phenomenon. <i>Lancet, The</i> , 1990 , 335, 1410-1412	40	6
56	Persistent Nasal Inflammation 5 Months after Acute Anosmia in Patients with COVID-19. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 1319-1322	10.2	6
55	Offline exhaled nitric oxide in emergency department and subsequent acute asthma control. <i>Journal of Asthma</i> , 2008 , 45, 867-73	1.9	5
54	Elastic Registration-driven Deep Learning for Longitudinal Assessment of Systemic Sclerosis Interstitial Lung Disease at CT. <i>Radiology</i> , 2021 , 298, 189-198	20.5	5
53	Global Lung Initiative equations for pulmonary hypertension screening in systemic sclerosis. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	4
52	Exhaled nitric oxide concentration and decompression-induced bubble formation: An index of decompression severity in humans?. <i>Nitric Oxide - Biology and Chemistry</i> , 2014 , 39, 29-34	5	4

51	Cardiovascular comorbidities in obstructive sleep apnoea according to age: a sleep clinic population study. <i>Aging Clinical and Experimental Research</i> , 2015 , 27, 611-9	4.8	4
50	Effect of nitric oxide on epithelial ion transports in noncystic fibrosis and cystic fibrosis human proximal and distal airways. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 303, L617-25	5.8	4
49	Locally deposited but not inhaled frusemide reduces nasal potential difference in healthy subjects. <i>European Journal of Clinical Pharmacology</i> , 1993 , 45, 347-51	2.8	4
48	Inhaled nitric oxide decreases pulmonary endothelial nitric oxide synthase expression and activity in normal newborn rat lungs. <i>ERJ Open Research</i> , 2016 , 2,	3.5	3
47	Measuring exhaled nitric oxide in animal models: methods and clinical implications. <i>Journal of Breath Research</i> , 2012 , 6, 047001	3.1	3
46	Neuronal nitric oxide synthase does not contribute to the modulation of pulmonary vascular tone in fetal lambs with congenital diaphragmatic hernia (nNOS in CDH lambs). <i>Pediatric Pulmonology</i> , 2008 , 43, 313-21	3.5	3
45	Signalisation cellulaire et physiopathologie de l'hypertension artérielle pulmonaire. <i>Revue Des Maladies Respiratoires</i> , 2006 , 23, 3S75-3S83	0	3
44	Noninvasive assessment of fetal pulmonary blood flow in experimental pulmonary hypertension in the fetal lamb. <i>Pediatric Research</i> , 2004 , 56, 385-90	3.2	3
43	Bronchial blood flow and microvascular permeability in the pathophysiology of asthma. <i>Medical Hypotheses</i> , 1990 , 32, 207-9	3.8	3
42	Modeling of Gas Exchange in the Lungs. <i>Comprehensive Physiology</i> , 2020 , 11, 1289-1314	7.7	3
41	High Baseline Serum Clara Cell 16 kDa Predicts Subsequent Lung Disease Worsening in Systemic Sclerosis. <i>Journal of Rheumatology</i> , 2018 , 45, 242-247	4.1	3
40	The association of vascular endothelial growth factor receptor-1 with the risk of cancer progression following radical prostatectomy. <i>Oncology Reports</i> , 2008 , 19, 171-5	3.5	3
39	Individual modeling of oxygen capture by the human lungs. <i>Respiratory Physiology and Neurobiology</i> , 2019 , 270, 103256	2.8	2
38	Pathophysiology Updates for Chronic Obstructive Pulmonary Disease. <i>Current Respiratory Care Reports</i> , 2013 , 2, 139-144		2
37	Ventilation-induced pulmonary vasodilatation in lambs with congenital diaphragmatic hernia is modulated by nitric oxide. <i>Experimental Lung Research</i> , 2008 , 34, 355-71	2.3	2
36	Role of ATP-dependent potassium channels in pulmonary vascular tone of fetal lambs with congenital diaphragmatic hernia. <i>Pediatric Research</i> , 2006 , 60, 537-42	3.2	2
35	In vitro pulmonary vasorelaxant effect of the phosphodiesterase inhibitor enoximone. <i>Angiology</i> , 1993 , 44, 289-94	2.1	2
34	Applying machine learning and pulmonary function data to detect interstitial lung disease in systemic sclerosis 2017 ,		2

33	The Role of Blood Gas Analysis in the Post-Acute Phase of COVID-19 Pneumonia. <i>Archivos De Bronconeumologia</i> , 2021 ,	0.7	2
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