

# Joaquim Gea

## List of Publications by Year in descending order

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177  
papers

9,100  
citations

41627

51  
h-index

53065

89  
g-index

203  
all docs

203  
docs citations

203  
times ranked

9079  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intravenous Iron Replacement Improves Exercise Tolerance in COPD: A Single-Blind Randomized Trial. Archivos De Bronconeumologia, 2022, 58, 689-698.	0.4	4
2	[Translated article] Reply to "Absence of Relevant Clinical Effects of SARS-CoV-2 on the Affinity of Hemoglobin for O <sub>2</sub> in Patients With COVID-19": Archivos De Bronconeumologia, 2022, 58, T374-T374.	0.4	0
3	Deficient muscle regeneration potential in sarcopenic COPD patients: Role of satellite cells. Journal of Cellular Physiology, 2021, 236, 3083-3098.	2.0	27
4	Ausencia de efectos clínicos destacables del SARS-CoV-2 sobre la afinidad de la hemoglobina por el O <sub>2</sub> en pacientes con COVID-19. Archivos De Bronconeumologia, 2021, 57, 757-757.	0.4	8
5	Áreas de Capacitación Específica (ACE) en neumología. Archivos De Bronconeumologia, 2021, 57, 733-733.	0.4	0
6	Incidence of pulmonary embolism in patients with non-invasive respiratory support during COVID-19 outbreak. Respiratory Medicine, 2021, 178, 106325.	1.3	4
7	Beneficial Effects of Resveratrol in Mouse Gastrocnemius: A Hint to Muscle Phenotype and Proteolysis. Cells, 2021, 10, 2436.	1.8	3
8	Absence of relevant clinical effects of SARS-COV-2 on the affinity of hemoglobin for O <sub>2</sub> in patients with COVID-19. Archivos De Bronconeumologia, 2021, 57, 757-763.	0.4	9
9	Invention and Pilot Study of the Efficacy and Safety of the SUPRATube Device in Continuous Supraglottic Aspiration for Intubated and Mechanically Ventilated Patients. Medical Devices: Evidence and Research, 2021, Volume 14, 287-297.	0.4	0
10	Impact of high-flow oxygen therapy during exercise in idiopathic pulmonary fibrosis: a pilot crossover clinical trial. BMC Pulmonary Medicine, 2021, 21, 355.	0.8	6
11	Prediction Equations for Maximal Aerobic Capacity on Cycle Ergometer for the Spanish Adult Population. Archivos De Bronconeumologia, 2020, 57, 471-471.	0.4	2
12	Comorbidities and Mortality in Patients With COVID-19 Aged 60 Years and Older in a University Hospital in Spain. Archivos De Bronconeumologia, 2020, 56, 756-758.	0.4	56
13	Respiratory muscle senescence in ageing and chronic lung diseases. European Respiratory Review, 2020, 29, 200087.	3.0	8
14	Comorbidities and Mortality in Patients With COVID-19 Aged 60 Years and Older in a University Hospital in Spain. Archivos De Bronconeumologia, 2020, 56, 756-758.	0.4	21
15	Adaptive NKG2C+ natural killer cells are related to exacerbations and nutritional abnormalities in COPD patients. Respiratory Research, 2020, 21, 63.	1.4	8
16	Descriptive Study of the Effect of Methodology in the Measurement of Sniff Nasal Inspiratory Pressure (SNIP) in a Healthy Population. Archivos De Bronconeumologia, 2020, 56, 398-399.	0.4	1
17	Muscle Phenotype, Proteolysis, and Atrophy Signaling During Reloading in Mice: Effects of Curcumin on the Gastrocnemius. Nutrients, 2020, 12, 388.	1.7	12
18	La terapia de la EPOC, más allá de la farmacología clásica. Archivos De Bronconeumologia, 2020, 56, 343-344.	0.4	2

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19	Enseñar con el ejemplo: ¿Quiénes enseñan a Neumología en las facultades de Medicina?. Archivos De Bronconeumología, 2019, 55, 231-232.	0.4	0
20	Is iron deficiency modulating physical activity in COPD?. International Journal of COPD, 2019, Volume 14, 211-214.	0.9	5
21	The BIOMEPOC Project: Personalized Biomarkers and Clinical Profiles in Chronic Obstructive Pulmonary Disease. Archivos De Bronconeumología, 2019, 55, 93-99.	0.4	5
22	Muscle Dysfunction in Chronic Obstructive Pulmonary Disease: Latest Developments. Archivos De Bronconeumología, 2019, 55, 237-238.	0.4	3
23	Endoplasmic reticulum stress and unfolded protein response in diaphragm muscle dysfunction of patients with stable chronic obstructive pulmonary disease. Journal of Applied Physiology, 2019, 126, 1572-1586.	1.2	15
24	Physical Activity Is Associated with Attenuated Disease Progression in Chronic Obstructive Pulmonary Disease. Medicine and Science in Sports and Exercise, 2019, 51, 833-840.	0.2	35
25	ERS statement on respiratory muscle testing at rest and during exercise. European Respiratory Journal, 2019, 53, 1801214.	3.1	379
26	Differences in micro-RNA expression profile between vastus lateralis samples and myotubes in COPD cachexia. Journal of Applied Physiology, 2019, 126, 403-412.	1.2	5
27	Endoplasmic reticulum stress and unfolded protein response profile in quadriceps of sarcopenic patients with respiratory diseases. Journal of Cellular Physiology, 2019, 234, 11315-11329.	2.0	25
28	Proyecto de biomarcadores y perfiles clínicos personalizados en la enfermedad pulmonar obstructiva crónica (proyecto BIOMEPOC). Archivos De Bronconeumología, 2019, 55, 93-99.	0.4	18
29	Disfunción muscular en la enfermedad pulmonar obstructiva crónica: novedades. Archivos De Bronconeumología, 2019, 55, 237-238.	0.4	9
30	Effect of blood glucose level on standardized uptake value (SUV) in 18F- FDG PET-scan: a systematic review and meta-analysis of 20,807 individual SUV measurements. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 224-237.	3.3	66
31	El síndrome de apneas-hipoapneas del sueño (SAHS) grave incrementa la excreción urinaria de eritropoyetina. Efecto del tratamiento con CPAP. Archivos De Bronconeumología, 2018, 54, 255-259.	0.4	3
32	Futuro de los tratamientos biológicos en la EPOC. Archivos De Bronconeumología, 2018, 54, 185-186.	0.4	10
33	PARP-1 and PARP-2 activity in cancer-induced cachexia: potential therapeutic implications. Biological Chemistry, 2018, 399, 179-186.	1.2	13
34	Immune phenotypes in lung cancer patients with COPD: potential implications for immunotherapy. Journal of Thoracic Disease, 2018, 10, S2186-S2189.	0.6	10
35	Rectal, central venous, gastric and bladder pressures versus esophageal pressure for the measurement of cough strength: a prospective clinical comparison. Respiratory Research, 2018, 19, 191.	1.4	3
36	Nutritional status and muscle dysfunction in chronic respiratory diseases: stable phase versus acute exacerbations. Journal of Thoracic Disease, 2018, 10, S1332-S1354.	0.6	53

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37	Alteraciones nutricionales y disfunción muscular en la fibrosis pulmonar idiopática. Archivos De Bronconeumología, 2018, 54, 545-546.	0.4	2
38	Microorganisms resistant to conventional antimicrobials in acute exacerbations of chronic obstructive pulmonary disease. Respiratory Research, 2018, 19, 119.	1.4	21
39	Profile of epigenetic mechanisms in lung tumors of patients with underlying chronic respiratory conditions. Clinical Epigenetics, 2018, 10, 7.	1.8	20
40	The phosphodiesterase-4 inhibitor roflumilast reverts proteolysis in skeletal muscle cells of patients with COPD cachexia. Journal of Applied Physiology, 2018, 125, 287-303.	1.2	24
41	Grado de actividad física diaria de los pacientes con enfermedad pulmonar obstructiva crónica (EPOC) y su relación con la clasificación Global Initiative for Chronic Obstructive Lung Disease (GOLD). Medicina Clínica, 2017, 148, 114-117.	0.3	2
42	Right Ventricular Response During Exercise in Patients with Chronic Obstructive Pulmonary Disease. Heart Lung and Circulation, 2017, 26, 631-634.	0.2	2
43	Sex differences in function and structure of the quadriceps muscle in chronic obstructive pulmonary disease patients. Chronic Respiratory Disease, 2017, 14, 127-139.	1.0	24
44	Systemic and Tumor Th1 and Th2 Inflammatory Profile and Macrophages in Lung Cancer: Influence of Underlying Chronic Respiratory Disease. Journal of Thoracic Oncology, 2017, 12, 235-248.	0.5	33
45	Short- and Long-Term Hindlimb Immobilization and Reloading: Profile of Epigenetic Events in Gastrocnemius. Journal of Cellular Physiology, 2017, 232, 1415-1427.	2.0	26
46	Inflammatory Events and Oxidant Production in the Diaphragm, Gastrocnemius, and Blood of Rats Exposed to Chronic Intermittent Hypoxia: Therapeutic Strategies. Journal of Cellular Physiology, 2017, 232, 1165-1175.	2.0	13
47	Hospital admissions and mortality in patients with COPD exacerbations and vertebral body compression fractures. International Journal of COPD, 2017, Volume 12, 1837-1845.	0.9	23
48	Lung adenocarcinoma: from molecular basis to genome-guided therapy and immunotherapy. Journal of Thoracic Disease, 2017, 9, 2142-2158.	0.6	92
49	Inspiratory muscle activation increases with COPD severity as confirmed by non-invasive mechanomyographic analysis. PLoS ONE, 2017, 12, e0177730.	1.1	11
50	Redox Imbalance in Lung Cancer of Patients with Underlying Chronic Respiratory Conditions. Molecular Medicine, 2016, 22, 85-98.	1.9	25
51	Clinical management of chronic obstructive pulmonary disease patients with muscle dysfunction. Journal of Thoracic Disease, 2016, 8, 3379-3400.	0.6	12
52	Relationships between chronic obstructive pulmonary disease and lung cancer: biological insights. Journal of Thoracic Disease, 2016, 8, E1122-E1135.	0.6	19
53	Impact of hyponatremia on mortality and morbidity in patients with COPD exacerbations. Respiratory Medicine, 2016, 117, 237-242.	1.3	26
54	Inspiratory capacity to total lung capacity ratio and dyspnoea predict exercise capacity decline in COPD. Respirology, 2016, 21, 476-482.	1.3	16

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55	Long-term Impact of Continuous Positive Airway Pressure Therapy on Arrhythmia and Heart Rate Variability in Patients With Sleep Apnea. <i>Archivos De Bronconeumologia</i> , 2016, 52, 17-23.	0.4	4
56	Molecular and biological pathways of skeletal muscle dysfunction in chronic obstructive pulmonary disease. <i>Chronic Respiratory Disease</i> , 2016, 13, 297-311.	1.0	55
57	Biomarkers, the control panel and personalized <scp>COPD</scp> medicine. <i>Respirology</i> , 2016, 21, 24-33.	1.3	42
58	Effects of interval and continuous exercise training on autonomic cardiac function in <scp>COPD</scp> patients. <i>Clinical Respiratory Journal</i> , 2016, 10, 83-89.	0.6	17
59	Emergency Hospital Care for Exacerbation of COPD: Is Inhaled Maintenance Therapy Modified?. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2016, 13, 11-18.	0.7	4
60	Impacto a largo plazo del tratamiento con presi3n positiva continua en la vAa aA©rea superior sobre la incidencia de arritmias y la variabilidad de frecuencia cardiaca en pacientes con apnea del sueA±o. <i>Archivos De Bronconeumologia</i> , 2016, 52, 17-23.	0.4	10
61	Time-Course of Muscle Mass Loss, Damage, and Proteolysis in Gastrocnemius following Unloading and Reloading: Implications in Chronic Diseases. <i>PLoS ONE</i> , 2016, 11, e0164951.	1.1	32
62	Efficiency of mechanical activation of inspiratory muscles in COPD using sample entropy. <i>European Respiratory Journal</i> , 2015, 46, 1808-1811.	3.1	19
63	Oxidative stress, redox signaling pathways, and autophagy in cachectic muscles of male patients with advanced COPD and lung cancer. <i>Free Radical Biology and Medicine</i> , 2015, 79, 91-108.	1.3	127
64	Respiratory and Limb Muscle Dysfunction in COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2015, 12, 413-426.	0.7	113
65	Benefits of physical activity on COPD hospitalisation depend on intensity. <i>European Respiratory Journal</i> , 2015, 46, 1281-1289.	3.1	67
66	Normativa SEPAR sobre disfunci3n muscular de los pacientes con enfermedad pulmonar obstructiva cr3nica. <i>Archivos De Bronconeumologia</i> , 2015, 51, 384-395.	0.4	71
67	Guidelines for the Evaluation and Treatment of Muscle Dysfunction in Patients With Chronic Obstructive Pulmonary Disease. <i>Archivos De Bronconeumologia</i> , 2015, 51, 384-395.	0.4	24
68	Characterisation and prognosis of undiagnosed chronic obstructive pulmonary disease patients at their first hospitalisation. <i>BMC Pulmonary Medicine</i> , 2015, 15, 4.	0.8	20
69	Quadriceps muscle weakness and atrophy are associated with a differential epigenetic profile in advanced COPD. <i>Clinical Science</i> , 2015, 128, 905-921.	1.8	68
70	Epigenetics and muscle dysfunction in chronic obstructive pulmonary disease. <i>Translational Research</i> , 2015, 165, 61-73.	2.2	23
71	Muscle dysfunction in chronic obstructive pulmonary disease: update on causes and biological findings. <i>Journal of Thoracic Disease</i> , 2015, 7, E418-38.	0.6	90
72	Do Epigenetic Events Take Place in the Vastus Lateralis of Patients with Mild Chronic Obstructive Pulmonary Disease?. <i>PLoS ONE</i> , 2014, 9, e102296.	1.1	42

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73	Vastus Lateralis Fiber Shift Is an Independent Predictor of Mortality in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 350-352.	2.5	47
74	Estimation of bilateral asynchrony between diaphragm mechanomyographic signals in patients with Chronic Obstructive Pulmonary Disease. , 2014, 2014, 3813-6.		2
75	Utilidad de la ultrasonografía endobronquial radial en el diagnóstico de lesiones pulmonares periféricas. <i>Estudio controlado con fluoroscopia. Archivos De Bronconeumología</i> , 2014, 50, 166-171.	0.4	15
76	An Official American Thoracic Society/European Respiratory Society Statement: Update on Limb Muscle Dysfunction in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, e15-e62.	2.5	793
77	Molecular and physiological events in respiratory muscles and blood of rats exposed to inspiratory threshold loading. <i>Translational Research</i> , 2014, 163, 478-493.	2.2	6
78	Determinants of exercise capacity in obese and non-obese COPD patients. <i>Respiratory Medicine</i> , 2014, 108, 745-751.	1.3	24
79	Minería de textos y medicina: utilidad en las enfermedades respiratorias. <i>Archivos De Bronconeumología</i> , 2014, 50, 113-119.	0.4	5
80	Muscle Glucose Metabolism in Chronic Obstructive Pulmonary Disease Patients. <i>Archivos De Bronconeumología</i> , 2014, 50, 221-227.	0.4	4
81	Utilización de glucosa en los músculos de pacientes con enfermedad pulmonar obstructiva crónica. <i>Archivos De Bronconeumología</i> , 2014, 50, 221-227.	0.4	6
82	Text Mining and Medicine: Usefulness in Respiratory Diseases. <i>Archivos De Bronconeumología</i> , 2014, 50, 113-119.	0.4	10
83	Hospital admissions and exercise capacity decline in patients with COPD. <i>European Respiratory Journal</i> , 2014, 43, 1018-1027.	3.1	40
84	Epigenetic Mechanisms in Respiratory Muscle Dysfunction of Patients with Chronic Obstructive Pulmonary Disease. <i>PLoS ONE</i> , 2014, 9, e111514.	1.1	52
85	Hospital de día: análisis de resultados, costes y asignación de recursos en neumología. <i>Archivos De Bronconeumología</i> , 2013, 49, 54-62.	0.4	8
86	Enfermedad de Wegener y Células Clara: la eponimia y la dignidad médicas en medicina del aparato respiratorio. <i>Archivos De Bronconeumología</i> , 2013, 49, 126-127.	0.4	0
87	Oxidative stress and inflammation in the normal airways and blood of patients with lung cancer and COPD. <i>Free Radical Biology and Medicine</i> , 2013, 65, 859-871.	1.3	71
88	Pathophysiology of muscle dysfunction in COPD. <i>Journal of Applied Physiology</i> , 2013, 114, 1222-1234.	1.2	164
89	Physical activity in COPD patients: patterns and bouts. <i>European Respiratory Journal</i> , 2013, 42, 993-1002.	3.1	87
90	High-intensity vs. sham inspiratory muscle training in patients with chronic heart failure: a prospective randomized trial. <i>European Journal of Heart Failure</i> , 2013, 15, 892-901.	2.9	64

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91	Rapid rule out of acute myocardial infarction using undetectable levels of high-sensitivity cardiac troponin. <i>International Journal of Cardiology</i> , 2013, 168, 3896-3901.	0.8	172
92	Body composition in adolescent idiopathic scoliosis. <i>European Spine Journal</i> , 2013, 22, 324-329.	1.0	47
93	Obstructive Sleep Apnea in Patients With Typical Atrial Flutter. <i>Chest</i> , 2013, 143, 1277-1283.	0.4	54
94	Injury of Peripheral Muscles in Smokers with Chronic Obstructive Pulmonary Disease. <i>Ultrastructural Pathology</i> , 2012, 36, 228-238.	0.4	21
95	A Drug Therapy for Muscle Dysfunction in Respiratory Disorders?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 10-11.	2.5	10
96	Does oxidative stress modulate limb muscle atrophy in severe COPD patients?. <i>European Respiratory Journal</i> , 2012, 40, 851-862.	3.1	127
97	Early diagnosis of acute myocardial infarction in patients with pre-existing coronary artery disease using more sensitive cardiac troponin assays. <i>European Heart Journal</i> , 2012, 33, 988-997.	1.0	94
98	Respiratory diseases and muscle dysfunction. <i>Expert Review of Respiratory Medicine</i> , 2012, 6, 75-90.	1.0	47
99	Muscle and blood redox status after exercise training in severe COPD patients. <i>Free Radical Biology and Medicine</i> , 2012, 52, 88-94.	1.3	89
100	Cigarette smoke-induced oxidative stress in skeletal muscles of mice. <i>Respiratory Physiology and Neurobiology</i> , 2012, 182, 9-17.	0.7	64
101	Association between $\hat{I}^{\circ}3$ and $\hat{I}^{\circ}6$ fatty acid intakes and serum inflammatory markers in COPD. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 817-821.	1.9	78
102	Nasal Inspiratory Pressure: an Alternative for the Assessment of Inspiratory Muscle Strength?. <i>Archivos De Bronconeumologia</i> , 2011, 47, 169-175.	0.4	11
103	Early diagnosis of acute myocardial infarction in the elderly using more sensitive cardiac troponin assays. <i>European Heart Journal</i> , 2011, 32, 1379-1389.	1.0	253
104	Functional Blockade Of TNF-Alpha And Myogenic Differentiation In Cells From Peripheral Muscles Of COPD Patients. , 2011, , .		0
105	PresiÃ³n inspiratoria nasal: Â¿una alternativa para la evaluaciÃ³n de la fuerza muscular inspiratoria?. <i>Archivos De Bronconeumologia</i> , 2011, 47, 169-175.	0.4	15
106	Inflammatory cells and apoptosis in respiratory and limb muscles of patients with COPD. <i>Journal of Applied Physiology</i> , 2011, 111, 808-817.	1.2	64
107	Impact of Nonexacerbated COPD on Mortality in Critically Ill Patients. <i>Chest</i> , 2011, 139, 1354-1360.	0.4	17
108	Identification and prospective validation of clinically relevant chronic obstructive pulmonary disease (COPD) subtypes. <i>Thorax</i> , 2011, 66, 430-437.	2.7	271



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109	Muscle Dysfunction, Lung Function And Exercise Limitation In Young Adults With Idiopathic Scoliosis. , 2010, , .		0
110	Phenotype Characterization Of COPD. , 2010, , .		0
111	Noninvasive measurement of inspiratory muscle performance by means of diaphragm muscle mechanomyographic signals in COPD patients during an incremental load respiratory test. , 2010, 2010, 2493-6.		11
112	Accessory diaphragm dividing the thoracic cavity between native lung and pulmonary sequestration. European Journal of Cardio-thoracic Surgery, 2010, 37, 236-236.	0.6	2
113	Dietary modulation of oxidative stress in chronic obstructive pulmonary disease patients. Free Radical Research, 2010, 44, 1296-1303.	1.5	24
114	Cigarette Smoke-induced Oxidative Stress. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 477-488.	2.5	233
115	Factors affecting the relationship between psychological status and quality of life in COPD patients. Health and Quality of Life Outcomes, 2010, 8, 108.	1.0	68
116	Non-invasive Functional Evaluation of the Reserve in Fatigue and the Diaphragm Structure using Transthoracic Echography in B and M Modes. Archivos De Bronconeumologia, 2010, 46, 571-579.	0.4	6
117	Mass of intercostal muscles associates with risk of multiple exacerbations in COPD. Respiratory Medicine, 2010, 104, 378-388.	1.3	38
118	Global muscle dysfunction as a risk factor of readmission to hospital due to COPD exacerbations. Respiratory Medicine, 2010, 104, 1896-1902.	1.3	97
119	Redox Balance and Cellular Inflammation in the Diaphragm, Limb Muscles, and Lungs of Mechanically Ventilated Rats. Anesthesiology, 2010, 112, 384-394.	1.3	14
120	Evaluation of the respiratory muscular function by means of diaphragmatic mechanomyographic signals in copd patients. , 2009, 2009, 3925-8.		11
121	Multistate Lempel-Ziv (MLZ) index interpretation as a measure of amplitude and complexity changes. , 2009, 2009, 4375-8.		12
122	UCP3 overexpression neutralizes oxidative stress rather than nitrosative stress in mouse myotubes. FEBS Letters, 2009, 583, 350-356.	1.3	33
123	Characteristics of patients admitted for the first time for COPD exacerbation. Respiratory Medicine, 2009, 103, 1293-1302.	1.3	54
124	Dietary habits of firstly admitted Spanish COPD patients. Respiratory Medicine, 2009, 103, 1904-1910.	1.3	30
125	Phenotypic Heterogeneity of Chronic Obstructive Pulmonary Disease. Archivos De Bronconeumologia, 2009, 45, 133-142.	0.4	13
126	Modifications of Diaphragmatic Activity Induced by Midline Laparotomy and Changes in Abdominal Wall Compliance. Archivos De Bronconeumologia, 2009, 45, 30-35.	0.4	6



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127	Inflammatory Cytokines and Repair Factors in the Intercostal Muscles of Patients With Severe COPD. Archivos De Bronconeumologia, 2009, 45, 279-285.	0.4	2
128	Relationship Between Expiratory Muscle Dysfunction and Dynamic Hyperinflation in Advanced Chronic Obstructive Pulmonary Disease. Archivos De Bronconeumologia, 2009, 45, 487-495.	0.4	7
129	Considerations on the evaluation of diagnostic tests: Efficacy of ultrasound-guided transbronchial needle aspiration (EBUS-TBNA) in the diagnosis of mediastinal lymphadenopathy. Archivos De Bronconeumologia, 2009, 45, 621-622.	0.4	0
130	Physical Activity and Clinical and Functional Status in COPD. Chest, 2009, 136, 62-70.	0.4	142
131	Sustained CTL activation by murine pulmonary epithelial cells promotes the development of COPD-like disease. Journal of Clinical Investigation, 2009, 119, 636-649.	3.9	65
132	Actualizaci3n en los mecanismos de disfunci3n muscular en la EPOC. Archivos De Bronconeumologia, 2008, 44, 328-337.	0.4	26
133	Activation of Satellite Cells in the Intercostal Muscles of Patients With Chronic Obstructive Pulmonary Disease. Archivos De Bronconeumologia, 2008, 44, 239-244.	0.4	13
134	The Evolution of the Human Species: A Long Journey for the Respiratory System. Archivos De Bronconeumologia, 2008, 44, 263-270.	0.4	5
135	Basic Research in Pulmonology. Archivos De Bronconeumologia, 2008, 44, 621-628.	0.4	6
136	Diaphragmatic Response Is Influenced by Previous Muscle Activity. Archivos De Bronconeumologia, 2008, 44, 671-678.	0.4	0
137	Update on the Mechanisms of Muscle Dysfunction in COPD. Archivos De Bronconeumologia, 2008, 44, 328-337.	0.4	4
138	Redox balance following magnetic stimulation training in the quadriceps of patients with severe COPD. Free Radical Research, 2008, 42, 939-948.	1.5	23
139	Rényi entropy and Lempel-Ziv complexity of mechanomyographic recordings of diaphragm muscle as indexes of respiratory effort. , 2008, 2008, 2112-5.		11
140	Application of the Empirical Mode Decomposition method to the Analysis of Respiratory Mechanomyographic Signals. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 1566-9.	0.5	13
141	Oxidative stress in the external intercostal muscles of patients with obstructive sleep apnoea. Thorax, 2007, 62, 1095-1101.	2.7	25
142	Mitochondrial dysfunction in COPD patients with low body mass index. European Respiratory Journal, 2007, 29, 643-650.	3.1	127
143	Upregulation of pro-inflammatory cytokines in the intercostal muscles of COPD patients. European Respiratory Journal, 2007, 30, 701-707.	3.1	63
144	Free Radicals, Cytokines, and Respiratory Muscles in COPD Patients. Clinical Pulmonary Medicine, 2007, 14, 117-126.	0.3	12

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145	Oxidative stress time course in the rat diaphragm after freezing-thawing cycles. <i>Respiratory Physiology and Neurobiology</i> , 2007, 155, 156-166.	0.7	6
146	Clinical outcomes of expiratory muscle training in severe COPD patients. <i>Respiratory Medicine</i> , 2007, 101, 516-524.	1.3	58
147	Cytokine profile in quadriceps muscles of patients with severe COPD. <i>Thorax</i> , 2007, 63, 100-107.	2.7	149
148	The "Oil Well Analogy" as a Comprehensive Interpretation of Factors Leading to Muscle Injury and Wasting. <i>Ultrastructural Pathology</i> , 2006, 30, 247-252.	0.4	4
149	Letters. <i>Spine</i> , 2006, 31, 1512.	1.0	3
150	Aging, sex differences, and oxidative stress in human respiratory and limb muscles. <i>Free Radical Biology and Medicine</i> , 2006, 41, 797-809.	1.3	60
151	Inspiratory Pressure Evaluation by means of the Entropy of Respiratory Mechanomyographic Signals. , 2006, 2006, 5735-8.		10
152	Wood smoke exposure and risk of chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2006, 27, 542-546.	3.1	254
153	Skeletal Muscle Adaptations to Disease States. , 2006, , 315-360.		2
154	Protein Carbonyl Formation in the Diaphragm. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005, 32, 9-17.	1.4	98
155	Expression and Carbonylation of Creatine Kinase in the Quadriceps Femoris Muscles of Patients with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005, 33, 636-642.	1.4	84
156	Both oxidative and nitrosative stress are associated with muscle wasting in tumour-bearing rats. <i>FEBS Letters</i> , 2005, 579, 1646-1652.	1.3	109
157	Oxidative Stress and Respiratory Muscle Dysfunction in Severe Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 1116-1124.	2.5	209
158	Glutathione and glutamate levels in the diaphragm of patients with chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2004, 23, 545-551.	3.1	22
159	Relevance of assessing quadriceps endurance in patients with COPD. <i>European Respiratory Journal</i> , 2004, 24, 129-136.	3.1	168
160	Dual morphometrical changes of the deltoid muscle in patients with COPD. <i>Respiratory Physiology and Neurobiology</i> , 2003, 134, 219-229.	0.7	27
161	Nitric Oxide Synthases and Protein Oxidation in the Quadriceps Femoris of Patients with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 29, 771-778.	1.4	132
162	Delenda est physiologia?. <i>Archivos De Bronconeumologia</i> , 2003, 39, 48-48.	0.4	0

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163	Expiratory muscle endurance in chronic obstructive pulmonary disease. <i>Thorax</i> , 2002, 57, 132-136.	2.7	67
164	Inspiratory Muscle Training in Patients with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 166, 1491-1497.	2.5	305
165	CORRESPONDENCE. <i>Clinical Nutrition</i> , 2002, 21, 437.	2.3	21
166	Procion orange tracer dye technique vs. identification of intrafibrillar fibronectin in the assessment of sarcolemmal damage. <i>European Journal of Clinical Investigation</i> , 2002, 32, 443-447.	1.7	9
167	Metabolic characteristics of the deltoid muscle in patients with chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2001, 17, 939-945.	3.1	110
168	Injury of the Human Diaphragm Associated with Exertion and Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 164, 1734-1739.	2.5	206
169	Expression of Myosin Heavy-Chain Isoforms in the Respiratory Muscles Following Inspiratory Resistive Breathing. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 161, 1274-1278.	2.5	45
170	Subcellular adaptation of the human diaphragm in chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 1999, 13, 371-378.	3.1	173
171	Structure and function relationships of the respiratory muscles. <i>European Respiratory Journal</i> , 1998, 11, 906-911.	3.1	33
172	Selective Diaphragmatic Mitochondrial Abnormalities in a Patient with Marked Air Flow Obstruction. <i>Ultrastructural Pathology</i> , 1996, 20, 67-71.	0.4	25
173	Effects of Interpleural Bupivacaine on Respiratory Muscle Strength and Pulmonary Function. <i>Anesthesiology</i> , 1995, 83, 48-55..	1.3	20
174	Activity of <I>latissimus dorsi</I> muscle during inspiratory threshold loads. <i>European Respiratory Journal</i> , 1995, 8, 441-445.	3.1	29
175	Simplified exercise test for the initial differential diagnosis of <i>Pneumocystis carinii</i> pneumonia in HIV antibody positive patients.. <i>Thorax</i> , 1994, 49, 112-114.	2.7	8
176	Mechanisms of Abnormal Gas Exchange in Patients with Pneumonia. <i>Anesthesiology</i> , 1991, 75, 782-789.	1.3	54
177	Mechanisms of Gas-exchange Impairment in Idiopathic Pulmonary Fibrosis. <i>The American Review of Respiratory Disease</i> , 1991, 143, 219-225.	2.9	234