Joaquim Gea

List of Publications by Year
in descending order

177 papers	9,100 citations	36303 51 h-index	46799 89 g-index
203 all docs	203 docs citations	203 times ranked	8525 citing authors

#	Article	IF	Citations
1	An Official American Thoracic Society/European Respiratory Society Statement: Update on Limb Muscle Dysfunction in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2014, 189, e15-e62.	5.6	793
2	ERS statement on respiratory muscle testing at rest and during exercise. European Respiratory Journal, 2019, 53, 1801214.	6.7	379
3	Inspiratory Muscle Training in Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 1491-1497.	5.6	305
4	Identification and prospective validation of clinically relevant chronic obstructive pulmonary disease (COPD) subtypes. Thorax, 2011, 66, 430-437.	5.6	271
5	Wood smoke exposure and risk of chronic obstructive pulmonary disease. European Respiratory Journal, 2006, 27, 542-546.	6.7	254
6	Early diagnosis of acute myocardial infarction in the elderly using more sensitive cardiac troponin assays. European Heart Journal, 2011, 32, 1379-1389.	2.2	253
7	Mechanisms of Gas-exchange Impairment in Idiopathic Pulmonary Fibrosis. The American Review of Respiratory Disease, 1991, 143, 219-225.	2.9	234
8	Cigarette Smokeâ€“induced Oxidative Stress. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 477-488.	5.6	233
9	Oxidative Stress and Respiratory Muscle Dysfunction in Severe Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 1116-1124.	5.6	209
10	Injury of the Human Diaphragm Associated with Exertion and Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 1734-1739.	5.6	206
11	Subcellular adaptation of the human diaphragm in chronic obstructive pulmonary disease. European Respiratory Journal, 1999, 13, 371-378.	6.7	173
12	Rapid rule out of acute myocardial infarction using undetectable levels of high-sensitivity cardiac troponin. International Journal of Cardiology, 2013, 168, 3896-3901.	1.7	172
13	Relevance of assessing quadriceps endurance in patients with COPD. European Respiratory Journal, 2004, 24, 129-136.	6.7	168
14	Pathophysiology of muscle dysfunction in COPD. Journal of Applied Physiology, 2013, 114, 1222-1234.	2.5	164
15	Cytokine profile in quadriceps muscles of patients with severe COPD. Thorax, 2007, 63, 100-107.	5.6	149
16	Physical Activity and Clinical and Functional Status in COPD. Chest, 2009, 136, 62-70.	0.8	142
17	Nitric Oxide Synthases and Protein Oxidation in the Quadriceps Femoris of Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2003, 29, 771-778.	2.9	132
18	Mitochondrial dysfunction in COPD patients with low body mass index. European Respiratory Journal, 2007, 29, 643-650.	6.7	127

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19	Does oxidative stress modulate limb muscle atrophy in severe COPD patients?. European Respiratory Journal, 2012, 40, 851-862.	6.7	127
20	Oxidative stress, redox signaling pathways, and autophagy in cachectic muscles of male patients with advanced COPD and lung cancer. Free Radical Biology and Medicine, 2015, 79, 91-108.	2.9	127
21	Respiratory and Limb Muscle Dysfunction in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2015, 12, 413-426.	1.6	113
22	Metabolic characteristics of the deltoid muscle in patients with chronic obstructive pulmonary disease. European Respiratory Journal, 2001, 17, 939-945.	6.7	110
23	Both oxidative and nitrosative stress are associated with muscle wasting in tumour-bearing rats. FEBS Letters, 2005, 579, 1646-1652.	2.8	109
24	Protein Carbonyl Formation in the Diaphragm. American Journal of Respiratory Cell and Molecular Biology, 2005, 32, 9-17.	2.9	98
25	Global muscle dysfunction as a risk factor of readmission to hospital due to COPD exacerbations. Respiratory Medicine, 2010, 104, 1896-1902.	2.9	97
26	Early diagnosis of acute myocardial infarction in patients with pre-existing coronary artery disease using more sensitive cardiac troponin assays. European Heart Journal, 2012, 33, 988-997.	2.2	94
27	Lung adenocarcinoma: from molecular basis to genome-guided therapy and immunotherapy. Journal of Thoracic Disease, 2017, 9, 2142-2158.	1.4	92
28	Muscle dysfunction in chronic obstructive pulmonary disease: update on causes and biological findings. Journal of Thoracic Disease, 2015, 7, E418-38.	1.4	90
29	Muscle and blood redox status after exercise training in severe COPD patients. Free Radical Biology and Medicine, 2012, 52, 88-94.	2.9	89
30	Physical activity in COPD patients: patterns and bouts. European Respiratory Journal, 2013, 42, 993-1002.	6.7	87
31	Expression and Carbonylation of Creatine Kinase in the Quadriceps Femoris Muscles of Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2005, 33, 636-642.	2.9	84
32	Association between Î©3 and Î©6 fatty acid intakes and serum inflammatory markers in COPD. Journal of Nutritional Biochemistry, 2012, 23, 817-821.	4.2	78
33	Oxidative stress and inflammation in the normal airways and blood of patients with lung cancer and COPD. Free Radical Biology and Medicine, 2013, 65, 859-871.	2.9	71
34	Normativa SEPAR sobre disfunciÃ³n muscular de los pacientes con enfermedad pulmonar obstructiva crÃ³nica. Archivos De Bronconeumologia, 2015, 51, 384-395.	0.8	71
35	Factors affecting the relationship between psychological status and quality of life in COPD patients. Health and Quality of Life Outcomes, 2010, 8, 108.	2.4	68
36	Quadriceps muscle weakness and atrophy are associated with a differential epigenetic profile in advanced COPD. Clinical Science, 2015, 128, 905-921.	4.3	68

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37	Expiratory muscle endurance in chronic obstructive pulmonary disease. Thorax, 2002, 57, 132-136.	5.6	67
38	Benefits of physical activity on COPD hospitalisation depend on intensity. European Respiratory Journal, 2015, 46, 1281-1289.	6.7	67
39	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.	6.4	66
40	Sustained CTL activation by murine pulmonary epithelial cells promotes the development of COPD-like disease. Journal of Clinical Investigation, 2009, 119, 636-649.	8.2	65
41	Inflammatory cells and apoptosis in respiratory and limb muscles of patients with COPD. Journal of Applied Physiology, 2011, 111, 808-817.	2.5	64
42	Cigarette smoke-induced oxidative stress in skeletal muscles of mice. Respiratory Physiology and Neurobiology, 2012, 182, 9-17.	1.6	64
43	Highâ€intensity vs. sham inspiratory muscle training in patients with chronic heart failure: a prospective randomized trial. European Journal of Heart Failure, 2013, 15, 892-901.	7.1	64
44	Upregulation of pro-inflammatory cytokines in the intercostal muscles of COPD patients. European Respiratory Journal, 2007, 30, 701-707.	6.7	63
45	Aging, sex differences, and oxidative stress in human respiratory and limb muscles. Free Radical Biology and Medicine, 2006, 41, 797-809.	2.9	60
46	Clinical outcomes of expiratory muscle training in severe COPD patients. Respiratory Medicine, 2007, 101, 516-524.	2.9	58
47	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.	0.8	56
48	Molecular and biological pathways of skeletal muscle dysfunction in chronic obstructive pulmonary disease. Chronic Respiratory Disease, 2016, 13, 297-311.	2.4	55
49	Mechanisms of Abnormal Gas Exchange in Patients with Pneumonia. Anesthesiology, 1991, 75, 782-789.	2.5	54
50	Characteristics of patients admitted for the first time for COPD exacerbation. Respiratory Medicine, 2009, 103, 1293-1302.	2.9	54
51	Obstructive Sleep Apnea in Patients With Typical Atrial Flutter. Chest, 2013, 143, 1277-1283.	0.8	54
52	Nutritional status and muscle dysfunction in chronic respiratory diseases: stable phase versus acute exacerbations. Journal of Thoracic Disease, 2018, 10, S1332-S1354.	1.4	53
53	Epigenetic Mechanisms in Respiratory Muscle Dysfunction of Patients with Chronic Obstructive Pulmonary Disease. PLoS ONE, 2014, 9, e111514.	2.5	52
54	Respiratory diseases and muscle dysfunction. Expert Review of Respiratory Medicine, 2012, 6, 75-90.	2.5	47

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55	Body composition in adolescent idiopathic scoliosis. European Spine Journal, 2013, 22, 324-329.	2.2	47
56	Vastus Lateralis Fiber Shift Is an Independent Predictor of Mortality in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 350-352.	5.6	47
57	Expression of Myosin Heavy-Chain Isoforms in the Respiratory Muscles Following Inspiratory Resistive Breathing. American Journal of Respiratory and Critical Care Medicine, 2000, 161, 1274-1278.	5.6	45
58	Do Epigenetic Events Take Place in the Vastus Lateralis of Patients with Mild Chronic Obstructive Pulmonary Disease?. PLoS ONE, 2014, 9, e102296.	2.5	42
59	Biomarkers, the control panel and personalized <scp>COPD</scp> medicine. Respirology, 2016, 21, 24-33.	2.3	42
60	Hospital admissions and exercise capacity decline in patients with COPD. European Respiratory Journal, 2014, 43, 1018-1027.	6.7	40
61	Mass of intercostal muscles associates with risk of multiple exacerbations in COPD. Respiratory Medicine, 2010, 104, 378-388.	2.9	38
62	Physical Activity Is Associated with Attenuated Disease Progression in Chronic Obstructive Pulmonary Disease. Medicine and Science in Sports and Exercise, 2019, 51, 833-840.	0.4	35
63	Structure and function relationships of the respiratory muscles. European Respiratory Journal, 1998, 11, 906-911.	6.7	33
64	UCP3 overexpression neutralizes oxidative stress rather than nitrosative stress in mouse myotubes. FEBS Letters, 2009, 583, 350-356.	2.8	33
65	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.	1.1	33
66	Time-Course of Muscle Mass Loss, Damage, and Proteolysis in Gastrocnemius following Unloading and Reloading: Implications in Chronic Diseases. PLoS ONE, 2016, 11, e0164951.	2.5	32
67	Dietary habits of firstly admitted Spanish COPD patients. Respiratory Medicine, 2009, 103, 1904-1910.	2.9	30
68	Activity of <I>latissimus dorsi</I> muscle during inspiratory threshold loads. European Respiratory Journal, 1995, 8, 441-445.	6.7	29
69	Dual morphometrical changes of the deltoid muscle in patients with COPD. Respiratory Physiology and Neurobiology, 2003, 134, 219-229.	1.6	27
70	Deficient muscle regeneration potential in sarcopenic COPD patients: Role of satellite cells. Journal of Cellular Physiology, 2021, 236, 3083-3098.	4.1	27
71	ActualizaciÃ³n en los mecanismos de disfunciÃ³n muscular en la EPOC. Archivos De Bronconeumologia, 2008, 44, 328-337.	0.8	26
72	Impact of hyponatremia on mortality and morbidity in patients with COPD exacerbations. Respiratory Medicine, 2016, 117, 237-242.	2.9	26

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73	Shortâ€•and Longâ€Term Hindlimb Immobilization and Reloading: Profile of Epigenetic Events in Gastrocnemius. Journal of Cellular Physiology, 2017, 232, 1415-1427.	4.1	26
74	Selective Diaphragmatic Mitochondrial Abnormalities in a Patient with Marked Air Flow Obstruction. Ultrastructural Pathology, 1996, 20, 67-71.	0.9	25
75	Oxidative stress in the external intercostal muscles of patients with obstructive sleep apnoea. Thorax, 2007, 62, 1095-1101.	5.6	25
76	Redox Imbalance in Lung Cancer of Patients with Underlying Chronic Respiratory Conditions. Molecular Medicine, 2016, 22, 85-98.	4.4	25
77	Endoplasmic reticulum stress and unfolded protein response profile in quadriceps of sarcopenic patients with respiratory diseases. Journal of Cellular Physiology, 2019, 234, 11315-11329.	4.1	25
78	Dietary modulation of oxidative stress in chronic obstructive pulmonary disease patients. Free Radical Research, 2010, 44, 1296-1303.	3.3	24
79	Determinants of exercise capacity in obese and non-obese COPD patients. Respiratory Medicine, 2014, 108, 745-751.	2.9	24
80	Guidelines for the Evaluation and Treatment of Muscle Dysfunction in Patients With Chronic Obstructive Pulmonary Disease. Archivos De Bronconeumologia, 2015, 51, 384-395.	0.8	24
81	Sex differences in function and structure of the quadriceps muscle in chronic obstructive pulmonary disease patients. Chronic Respiratory Disease, 2017, 14, 127-139.	2.4	24
82	The phosphodiesterase-4 inhibitor roflumilast reverts proteolysis in skeletal muscle cells of patients with COPD cachexia. Journal of Applied Physiology, 2018, 125, 287-303.	2.5	24
83	Redox balance following magnetic stimulation training in the quadriceps of patients with severe COPD. Free Radical Research, 2008, 42, 939-948.	3.3	23
84	Epigenetics and muscle dysfunction in chronic obstructive pulmonary disease. Translational Research, 2015, 165, 61-73.	5.0	23
85	Hospital admissions and mortality in patients with COPD exacerbations and vertebral body compression fractures. International Journal of COPD, 2017, Volume 12, 1837-1845.	2.3	23
86	Glutathione and glutamate levels in the diaphragm of patients with chronic obstructive pulmonary disease. European Respiratory Journal, 2004, 23, 545-551.	6.7	22
87	CORRESPONDENCE. Clinical Nutrition, 2002, 21, 437.	5.0	21
88	Injury of Peripheral Muscles in Smokers with Chronic Obstructive Pulmonary Disease. Ultrastructural Pathology, 2012, 36, 228-238.	0.9	21
89	Microorganisms resistant to conventional antimicrobials in acute exacerbations of chronic obstructive pulmonary disease. Respiratory Research, 2018, 19, 119.	3.6	21
90	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.	0.8	21

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91	Effects of Interpleural Bupivacaine on Respiratory Muscle Strength and Pulmonary Function. Anesthesiology, 1995, 83, 48-55..	2.5	20
92	Characterisation and prognosis of undiagnosed chronic obstructive pulmonary disease patients at their first hospitalisation. BMC Pulmonary Medicine, 2015, 15, 4.	2.0	20
93	Profile of epigenetic mechanisms in lung tumors of patients with underlying chronic respiratory conditions. Clinical Epigenetics, 2018, 10, 7.	4.1	20
94	Efficiency of mechanical activation of inspiratory muscles in COPD using sample entropy. European Respiratory Journal, 2015, 46, 1808-1811.	6.7	19
95	Relationships between chronic obstructive pulmonary disease and lung cancer: biological insights. Journal of Thoracic Disease, 2016, 8, E1122-E1135.	1.4	19
96	Proyecto de biomarcadores y perfiles clÃnicos personalizados en la enfermedad pulmonar obstructiva crÃ³nica (proyecto BIOMEPOC). Archivos De Bronconeumologia, 2019, 55, 93-99.	0.8	18
97	Impact of Nonexacerbated COPD on Mortality in Critically Ill Patients. Chest, 2011, 139, 1354-1360.	0.8	17
98	Effects of interval and continuous exercise training on autonomic cardiac function in <scp>COPD</scp> patients. Clinical Respiratory Journal, 2016, 10, 83-89.	1.6	17
99	Inspiratory capacityâ€toâ€total lung capacity ratio and dyspnoea predict exercise capacity decline in <scp>COPD</scp>. Respirology, 2016, 21, 476-482.	2.3	16
100	PresiÃ³n inspiratoria nasal: Â¿una alternativa para la evaluaciÃ³n de la fuerza muscular inspiratoria?. Archivos De Bronconeumologia, 2011, 47, 169-175.	0.8	15
101	Utilidad de la ultrasonografÃa endobronquial radial en el diagnÃ³stico de lesiones pulmonares perifÃ©ricas. Estudio controlado con fluoroscopia. Archivos De Bronconeumologia, 2014, 50, 166-171.	0.8	15
102	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.	2.5	15
103	Redox Balance and Cellular Inflammation in the Diaphragm, Limb Muscles, and Lungs of Mechanically Ventilated Rats. Anesthesiology, 2010, 112, 384-394.	2.5	14
104	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
105	Activation of Satellite Cells in the Intercostal Muscles of Patients With Chronic Obstructive Pulmonary Disease. Archivos De Bronconeumologia, 2008, 44, 239-244.	0.8	13
106	Phenotypic Heterogeneity of Chronic Obstructive Pulmonary Disease. Archivos De Bronconeumologia, 2009, 45, 133-142.	0.8	13
107	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.	4.1	13
108	PARP-1 and PARP-2 activity in cancer-induced cachexia: potential therapeutic implications. Biological Chemistry, 2018, 399, 179-186.	2.5	13

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109	Free Radicals, Cytokines, and Respiratory Muscles in COPD Patients. Clinical Pulmonary Medicine, 2007, 14, 117-126.	0.3	12
110	Multistate Lempel-Ziv (MLZ) index interpretation as a measure of amplitude and complexity changes. , 2009, 2009, 4375-8.		12
111	Clinical management of chronic obstructive pulmonary disease patients with muscle dysfunction. Journal of Thoracic Disease, 2016, 8, 3379-3400.	1.4	12
112	Muscle Phenotype, Proteolysis, and Atrophy Signaling During Reloading in Mice: Effects of Curcumin on the Gastrocnemius. Nutrients, 2020, 12, 388.	4.1	12
113	RÃ©nyi entropy and Lempel-Ziv complexity of mechanomyographic recordings of diaphragm muscle as indexes of respiratory effort. , 2008, 2008, 2112-5.		11
114	Evaluation of the respiratory muscular function by means of diaphragmatic mechanomyographic signals in copd patients. , 2009, 2009, 3925-8.		11
115	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
116	Nasal Inspiratory Pressure: an Alternative for the Assessment of Inspiratory Muscle Strength?. Archivos De Bronconeumologia, 2011, 47, 169-175.	0.8	11
117	Inspiratory muscle activation increases with COPD severity as confirmed by non-invasive mechanomyographic analysis. PLoS ONE, 2017, 12, e0177730.	2.5	11
118	Inspiratory Pressure Evaluation by means of the Entropy of Respiratory Mechanomyographic Signals. , 2006, 2006, 5735-8.		10
119	A Drug Therapy for Muscle Dysfunction in Respiratory Disorders?. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 10-11.	5.6	10
120	Text Mining and Medicine: Usefulness in Respiratory Diseases. Archivos De Bronconeumologia, 2014, 50, 113-119.	0.8	10
121	Impacto a largo plazo del tratamiento con presiÃ³n positiva continua en la vÃa aÃ©rea superior sobre la incidencia de arritmias y la variabilidad de frecuencia cardiaca en pacientes con apnea del sueÃ±o. Archivos De Bronconeumologia, 2016, 52, 17-23.	0.8	10
122	Futuro de los tratamientos biolÃ³gicos en la EPOC. Archivos De Bronconeumologia, 2018, 54, 185-186.	0.8	10
123	Immune phenotypes in lung cancer patients with COPD: potential implications for immunotherapy. Journal of Thoracic Disease, 2018, 10, S2186-S2189.	1.4	10
124	Procion orange tracer dye technique vs. identification of intrafibrillar fibronectin in the assessment of sarcolemmal damage. European Journal of Clinical Investigation, 2002, 32, 443-447.	3.4	9
125	DisfunciÃ³n muscular en la enfermedad pulmonar obstructiva crÃ³nica: novedades. Archivos De Bronconeumologia, 2019, 55, 237-238.	0.8	9
126	Absence of relevant clinical effects of SARS-COV-2 on the affinity of hemoglobin for O2 in patients with COVID-19. Archivos De Bronconeumologia, 2021, 57, 757-763.	0.8	9

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127	Simplified exercise test for the initial differential diagnosis of Pneumocystis carinii pneumonia in HIV antibody positive patients.. Thorax, 1994, 49, 112-114.	5.6	8
128	Hospital de dÃa: anÃ¡lisis de resultados, costes y asignaciÃ³n de recursos en neumologÃa. Archivos De Bronconeumologia, 2013, 49, 54-62.	0.8	8
129	Respiratory muscle senescence in ageing and chronic lung diseases. European Respiratory Review, 2020, 29, 200087.	7.1	8
130	Adaptive NKG2C+ natural killer cells are related to exacerbations and nutritional abnormalities in COPD patients. Respiratory Research, 2020, 21, 63.	3.6	8
131	Ausencia de efectos clÃnicos destacables del SARS-CoV-2 sobre la afinidad de la hemoglobina por el O2 en pacientes con COVID-19. Archivos De Bronconeumologia, 2021, 57, 757-757.	0.8	8
132	Relationship Between Expiratory Muscle Dysfunction and Dynamic Hyperinflation in Advanced Chronic Obstructive Pulmonary Disease. Archivos De Bronconeumologia, 2009, 45, 487-495.	0.8	7
133	Oxidative stress time course in the rat diaphragm after freezingâ€“thawing cycles. Respiratory Physiology and Neurobiology, 2007, 155, 156-166.	1.6	6
134	Basic Research in Pulmonology. Archivos De Bronconeumologia, 2008, 44, 621-628.	0.8	6
135	Modifications of Diaphragmatic Activity Induced by Midline Laparotomy and Changes in Abdominal Wall Compliance. Archivos De Bronconeumologia, 2009, 45, 30-35.	0.8	6
136	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.	0.8	6
137	Molecular and physiological events in respiratory muscles and blood of rats exposed to inspiratory threshold loading. Translational Research, 2014, 163, 478-493.	5.0	6
138	UtilizaciÃ³n de glucosa en los mÃºsculos de pacientes con enfermedad pulmonar obstructiva crÃ³nica. Archivos De Bronconeumologia, 2014, 50, 221-227.	0.8	6
139	Impact of high-flow oxygen therapy during exercise in idiopathic pulmonary fibrosis: a pilot crossover clinical trial. BMC Pulmonary Medicine, 2021, 21, 355.	2.0	6
140	The Evolution of the Human Species: A Long Journey for the Respiratory System. Archivos De Bronconeumologia, 2008, 44, 263-270.	0.8	5
141	MinerÃa de textos y medicina: utilidad en las enfermedades respiratorias. Archivos De Bronconeumologia, 2014, 50, 113-119.	0.8	5
142	Is iron deficiency modulating physical activity in COPD?. International Journal of COPD, 2019, Volume 14, 211-214.	2.3	5
143	The BIOMEPOC Project: Personalized Biomarkers and Clinical Profiles in Chronic Obstructive Pulmonary Disease. Archivos De Bronconeumologia, 2019, 55, 93-99.	0.8	5
144	Differences in micro-RNA expression profile between vastus lateralis samples and myotubes in COPD cachexia. Journal of Applied Physiology, 2019, 126, 403-412.	2.5	5

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145	The â€œOil Well Analogyâ€•as a Comprehensive Interpretation of Factors Leading to Muscle Injury and Wasting. Ultrastructural Pathology, 2006, 30, 247-252.	0.9	4
146	Update on the Mechanisms of Muscle Dysfunction in COPD. Archivos De Bronconeumologia, 2008, 44, 328-337.	0.8	4
147	Muscle Glucose Metabolism in Chronic Obstructive Pulmonary Disease Patients. Archivos De Bronconeumologia, 2014, 50, 221-227.	0.8	4
148	Long-term Impact of Continuous Positive Airway Pressure Therapy on Arrhythmia and Heart Rate Variability in Patients With Sleep Apnea. Archivos De Bronconeumologia, 2016, 52, 17-23.	0.8	4
149	Emergency Hospital Care for Exacerbation of COPD: Is Inhaled Maintenance Therapy Modified?. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2016, 13, 11-18.	1.6	4
150	Incidence of pulmonary embolism in patients with non-invasive respiratory support during COVID-19 outbreak. Respiratory Medicine, 2021, 178, 106325.	2.9	4
151	Intravenous Iron Replacement Improves Exercise Tolerance in COPD: A Single-Blind Randomized Trial. Archivos De Bronconeumologia, 2022, 58, 689-698.	0.8	4
152	Letters. Spine, 2006, 31, 1512.	2.0	3
153	El sÃndrome de apneas-hipoapneas del sueÃ±o (SAHS) grave incrementa la excreciÃ³n urinaria de eritropoyetina. Efecto del tratamiento con CPAP. Archivos De Bronconeumologia, 2018, 54, 255-259.	0.8	3
154	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.	3.6	3
155	Muscle Dysfunction in Chronic Obstructive Pulmonary Disease: Latest Developments. Archivos De Bronconeumologia, 2019, 55, 237-238.	0.8	3
156	Beneficial Effects of Resveratrol in Mouse Gastrocnemius: A Hint to Muscle Phenotype and Proteolysis. Cells, 2021, 10, 2436.	4.1	3
157	Inflammatory Cytokines and Repair Factors in the Intercostal Muscles of Patients With Severe COPD. Archivos De Bronconeumologia, 2009, 45, 279-285.	0.8	2
158	Accessory diaphragm dividing the thoracic cavity between native lung and pulmonary sequestration. European Journal of Cardio-thoracic Surgery, 2010, 37, 236-236.	1.4	2
159	Estimation of bilateral asynchrony between diaphragm mechanomyographic signals in patients with Chronic Obstructive Pulmonary Disease. , 2014, 2014, 3813-6.		2
160	Grado de actividad fÃsica diaria de los pacientes con enfermedad pulmonar obstructiva crÃ³nica (EPOC) y su relaciÃ³n con la clasificaciÃ³n Global Initiative for Chronic Obstructive Lung Disease (GOLD). Medicina ClÃnica, 2017, 148, 114-117.	0.6	2
161	Right Ventricular Response During Exercise in Patients with Chronic Obstructive Pulmonary Disease. Heart Lung and Circulation, 2017, 26, 631-634.	0.4	2
162	Alteraciones nutricionales y disfunciÃ³n muscular en la fibrosis pulmonar idiopÃ¡tica. Archivos De Bronconeumologia, 2018, 54, 545-546.	0.8	2

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163	Prediction Equations for Maximal Aerobic Capacity on Cycle Ergometer for the Spanish Adult Population. Archivos De Bronconeumologia, 2020, 57, 471-471.	0.8	2
164	Skeletal Muscle Adaptations to Disease States. , 2006, , 315-360.		2
165	La terapia de la EPOC, mÃ¡s allÃ¡ de la farmacologÃa clÃ¡sica. Archivos De Bronconeumologia, 2020, 56, 343-344.	0.8	2
166	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.	0.8	1
167	Diaphragmatic Response Is Influenced by Previous Muscle Activity. Archivos De Bronconeumologia, 2008, 44, 671-678.	0.8	0
168	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.	0.8	0
169	Muscle Dysfunction, Lung Function And Exercise Limitation In Young Adults With Idiopathic Scoliosis. , 2010, , .		0
170	Phenotype Characterization Of COPD. , 2010, , .		0
171	Functional Blockade Of TNF-Alpha And Myogenic Differentiation In Cells From Peripheral Muscles Of COPD Patients. , 2011, , .		0
172	Enfermedad de Wegener y cÃ©lulas Clara: la eponimia y la dignidad mÃ©dicas en medicina del aparato respiratorio. Archivos De Bronconeumologia, 2013, 49, 126-127.	0.8	0
173	EnseÃ±ar con el ejemplo: Â¿quiÃ©n enseÃ±a NeumologÃa en las facultades de Medicina?. Archivos De Bronconeumologia, 2019, 55, 231-232.	0.8	0
174	Ãreas de CapacitaciÃ³n EspecÃfica (ACE) en neumologÃa. Archivos De Bronconeumologia, 2021, 57, 733-733.	0.8	0
175	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.	0.8	0
176	Delenda est physiologia?. Archivos De Bronconeumologia, 2003, 39, 48-48.	0.8	0
177	[Translated article] Reply to â€œAbsence of Relevant Clinical Effects of SARS-CoV-2 on the Affinity of Hemoglobin for O2 in Patients With COVID-19â€. Archivos De Bronconeumologia, 2022, 58, T374-T374.	0.8	0