E Barreiro

List of Publications by Year in Descending Order

195 papers	11,203 citations	47 h-index	102 g-index
232 ext. papers	13,668 ext. citations	4.8 avg, IF	6.01 L-index

#	Paper	IF	Citations
195	Respiratory and Peripheral Muscle Weakness and Body Composition Abnormalities in Non-Cystic Fibrosis Bronchiectasis Patients: Gender Differences.. *Biomedicines*, **2022**, 10,	4.8	2
194	Systemic Inflammatory Biomarkers Define Specific Clusters in Patients with Bronchiectasis: A Large-Cohort Study.. *Biomedicines*, **2022**, 10,	4.8	1
193	Blood Neutrophil Counts Define Specific Clusters of Bronchiectasis Patients: A Hint to Differential Clinical Phenotypes. *Biomedicines*, **2022**, 10, 1044	4.8	1
192	Exercise Training-Induced Extracellular Matrix Protein Adaptation in Locomotor Muscles: A Systematic Review. *Cells*, **2021**, 10,	7.9	1
191	Differences in Nutritional Status and Inflammatory Biomarkers between Female and Male Patients with Bronchiectasis: A Large-Cohort Study. *Biomedicines*, **2021**, 9,	4.8	2
190	Deficient muscle regeneration potential in sarcopenic COPD patients: Role of satellite cells. *Journal of Cellular Physiology*, **2021**, 236, 3083-3098	7	6
189	Preoperative Body Weight and Albumin Predict Survival in Patients With Resectable Lung Neoplasms: Role of COPD. *Archivos De Bronconeumologia*, **2021**, 57, 51-60	0.7	1
188	Markers of Stroma in Lung Cancer: Influence of COPD. *Archivos De Bronconeumologia*, **2021**, 57, 130-137	0.7	0
187	Markers of Stroma in Lung Cancer: Influence of COPD. *Archivos De Bronconeumologia*, **2021**, 57, 130-137	0.7	2
186	Mitochondrial Dynamics and Mitophagy in Skeletal Muscle Health and Aging. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	13
185	Curcumin and Resveratrol Improve Muscle Function and Structure through Attenuation of Proteolytic Markers in Experimental Cancer-Induced Cachexia. *Molecules*, **2021**, 26,	4.8	5
184	Phenotypic Clustering in Non-Cystic Fibrosis Bronchiectasis Patients: The Role of Eosinophils in Disease Severity. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	4
183	Systemic Profiles of microRNAs, Redox Balance, and Inflammation in Lung Cancer Patients: Influence of COPD. *Biomedicines*, **2021**, 9,	4.8	1
182	Beneficial Effects of Resveratrol in Mouse Gastrocnemius: A Hint to Muscle Phenotype and Proteolysis. *Cells*, **2021**, 10,	7.9	1
181	Do Redox Balance and Inflammatory Events Take Place in Mild Bronchiectasis? A Hint to Clinical Implications. *Journal of Clinical Medicine*, **2021**, 10,	5.1	2
180	Preoperative Body Weight and Albumin Predict Survival in Patients With Resectable Lung Neoplasms: Role of COPD. *Archivos De Bronconeumologia*, **2021**, 57, 51-60	0.7	3
179	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382	10.2	440

178	Prolonged Immobilization Exacerbates the Loss of Muscle Mass and Function Induced by Cancer-Associated Cachexia through Enhanced Proteolysis in Mice. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	4
177	Immune Cell Subtypes and Cytokines in Lung Tumor Microenvironment: Influence of COPD. *Cancers* , **2020**, 12,	6.6	4
176	Early detection of skeletal muscle bioenergetic deficit by magnetic resonance spectroscopy in cigarette smoke-exposed mice. *PLoS ONE*, **2020**, 15, e0234606	3.7	4
175	Comparison of autofluorescence and white-light bronchoscopies performed with the Evis Lucera Spectrum for the detection of bronchial cancers: a meta-analysis. *Translational Lung Cancer Research*, **2020**, 9, 23-32	4.4	4
174	NeuroHeal Reduces Muscle Atrophy and Modulates Associated Autophagy. *Cells*, **2020**, 9,	7.9	3
173	Satellite Cells and Markers of Muscle Regeneration during Unloading and Reloading: Effects of Treatment with Resveratrol and Curcumin. *Nutrients*, **2020**, 12,	6.7	10
172	Muscle Phenotype, Proteolysis, and Atrophy Signaling During Reloading in Mice: Effects of Curcumin on the Gastrocnemius. *Nutrients*, **2020**, 12,	6.7	7
171	Don Put the Cart Before the Horse (If You want to Publish in a Journal with Impact Factor). *Archivos De Bronconeumologia*, **2020**, 56, 70-71	0.7	
170	Increased PARP Activity and DNA Damage in NSCLC Patients: The Influence of COPD. *Cancers*, **2020** , 12,	6.6	1
169	Common errors in inhalation therapy: Impact and solutions. *Clinical Respiratory Journal*, **2020**, 14, 1001-1010	1.7	1
168	Respiratory muscle senescence in ageing and chronic lung diseases. *European Respiratory Review*, **2020**, 29,	9.8	3
167	B Cells and Tertiary Lymphoid Structures Influence Survival in Lung Cancer Patients with Resectable Tumors. *Cancers*, **2020**, 12,	6.6	11
166	Differential structural features in soleus and gastrocnemius of carnitine-treated cancer cachectic rats. *Journal of Cellular Physiology*, **2020**, 235, 526-537	7	5
165	Immunotherapy with Monoclonal Antibodies in Lung Cancer of Mice: Oxidative Stress and Other Biological Events. *Cancers*, **2019**, 11,	6.6	5
164	COPD: preclinical models and emerging therapeutic targets. *Expert Opinion on Therapeutic Targets*, **2019**, 23, 829-838	6.4	2
163	Ten Research Questions for Improving COPD Care in the Next Decade. *COPD: Journal of Chronic Obstructive Pulmonary Disease*, **2019**, 16, 311-320	2	3
162	Is iron deficiency modulating physical activity in COPD?. *International Journal of COPD*, **2019**, 14, 211-214	3	1
161	The BIOMEPOC Project: Personalized Biomarkers and Clinical Profiles in Chronic Obstructive Pulmonary Disease. *Archivos De Bronconeumologia*, **2019**, 55, 93-99	0.7	2

160	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	3.7	8
159	Relevance of Controling for Confounding in Observational Studies. *Archivos De Bronconeumologia*, **2019**, 55, 117	0.7	0
158	Reduced lung cancer burden by selective immunomodulators elicits improvements in muscle proteolysis and strength in cachectic mice. *Journal of Cellular Physiology*, **2019**, 234, 18041-18052	7	11
157	ERS statement on respiratory muscle testing at rest and during exercise. *European Respiratory Journal*, **2019**, 53,	13.6	175
156	Ventilator-induced diaphragm dysfunction: translational mechanisms lead to therapeutical alternatives in the critically ill. *Intensive Care Medicine Experimental*, **2019**, 7, 48	3.7	15
155	Exposure to disinfection by-products in swimming pools and biomarkers of genotoxicity and respiratory damage - The PISCINA2 Study. *Environment International*, **2019**, 131, 104988	12.9	10
154	Stromal markers of activated tumor associated fibroblasts predict poor survival and are associated with necrosis in non-small cell lung cancer. *Lung Cancer*, **2019**, 135, 151-160	5.9	16
153	Impact of Physical Activity and Exercise on Chronic Obstructive Pulmonary Disease Phenotypes: The Relevance of Muscle Adaptation. *Archivos De Bronconeumologia*, **2019**, 55, 613-614	0.7	1
152	Control of Confounding and Reporting of Results in Causal Inference Studies. Guidance for Authors from Editors of Respiratory, Sleep, and Critical Care Journals. *Annals of the American Thoracic Society*, **2019**, 16, 22-28	4.7	267
151	Differences in micro-RNA expression profile between vastus lateralis samples and myotubes in COPD cachexia. *Journal of Applied Physiology*, **2019**, 126, 403-412	3.7	2
150	Endoplasmic reticulum stress and unfolded protein response profile in quadriceps of sarcopenic patients with respiratory diseases. *Journal of Cellular Physiology*, **2019**, 234, 11315-11329	7	15
149	The BIOMEPOC Project: Personalized Biomarkers and Clinical Profiles in Chronic Obstructive Pulmonary Disease. *Archivos De Bronconeumologia*, **2019**, 55, 93-99	0.7	11
148	Diesel exhausts particles: Their role in increasing the incidence of asthma. Reviewing the evidence of a causal link. *Science of the Total Environment*, **2019**, 652, 1129-1138	10.2	35
147	Effects of the beta agonist formoterol on atrophy signaling, autophagy, and muscle phenotype in respiratory and limb muscles of rats with cancer-induced cachexia. *Biochimie*, **2018**, 149, 79-91	4.6	31
146	Network modules uncover mechanisms of skeletal muscle dysfunction in COPD patients. *Journal of Translational Medicine*, **2018**, 16, 34	8.5	15
145	Skeletal Muscle Dysfunction in Chronic Obstructive Pulmonary Disease. What We Know and Can Do for Our Patients. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 198, 175-186	10.2	98
144	PARP-1 and PARP-2 activity in cancer-induced cachexia: potential therapeutic implications. *Biological Chemistry*, **2018**, 399, 179-186	4.5	7
143	Diaphragm plasticity in aging and disease: therapies for muscle weakness go from strength to strength. *Journal of Applied Physiology*, **2018**, 125, 243-253	3.7	13

142	Profile of epigenetic mechanisms in lung tumors of patients with underlying chronic respiratory conditions. *Clinical Epigenetics*, **2018**, 10, 7	7.7	15
141	The phosphodiesterase-4 inhibitor roflumilast reverts proteolysis in skeletal muscle cells of patients with COPD cachexia. *Journal of Applied Physiology*, **2018**, 125, 287-303	3.7	17
140	Current controversies in the stepping up and stepping down of inhaled therapies for COPD at the patient level. *Respirology*, **2018**, 23, 818	3.6	8
139	Soluble guanylate cyclase stimulation reduces oxidative stress in experimental Chronic Obstructive Pulmonary Disease. *PLoS ONE*, **2018**, 13, e0190628	3.7	11
138	Muscle regeneration potential and satellite cell activation profile during recovery following hindlimb immobilization in mice. *Journal of Cellular Physiology*, **2018**, 233, 4360-4372	7	21
137	Skeletal muscle dysfunction in COPD: relevance of nutritional support and pulmonary rehabilitation. *Journal of Thoracic Disease*, **2018**, 10, S1330-S1331	2.6	8
136	Muscle atrophy in chronic obstructive pulmonary disease: molecular basis and potential therapeutic targets. *Journal of Thoracic Disease*, **2018**, 10, S1415-S1424	2.6	38
135	Models of disuse muscle atrophy: therapeutic implications in critically ill patients. *Annals of Translational Medicine*, **2018**, 6, 29	3.2	22
134	Tumor-associated metabolic and inflammatory responses in early stage non-small cell lung cancer: Local patterns and prognostic significance. *Lung Cancer*, **2018**, 122, 124-130	5.9	16
133	Role of PARP activity in lung cancer-induced cachexia: Effects on muscle oxidative stress, proteolysis, anabolic markers, and phenotype. *Journal of Cellular Physiology*, **2017**, 232, 3744-3761	7	37
132	Chronic Obstructive Pulmonary Disease and Oxidative Damage **2017**, 241-271		
131	Epigenetic regulation of muscle development. *Journal of Muscle Research and Cell Motility*, **2017**, 38, 31-35	3.5	10
130	Sex differences in function and structure of the quadriceps muscle in chronic obstructive pulmonary disease patients. *Chronic Respiratory Disease*, **2017**, 14, 127-139	3	16
129	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	8.9	17
128	Short- and Long-Term Hindlimb Immobilization and Reloading: Profile of Epigenetic Events in Gastrocnemius. *Journal of Cellular Physiology*, **2017**, 232, 1415-1427	7	21
127	Skeletal Muscle Dysfunction in COPD: Novelties in the Last Decade. *Archivos De Bronconeumologia*, **2017**, 53, 43-44	0.7	7
126	Skeletal Muscle Dysfunction in COPD: Novelties in The Last Decade. *Archivos De Bronconeumologia*, **2017**, 53, 43-44	0.7	19
125	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	7	11

124	Epigenetics and Muscle Dysfunction in Chronic Obstructive Pulmonary Disease **2017**, 73-95		
123	Formoterol attenuates increased oxidative stress and myosin protein loss in respiratory and limb muscles of cancer cachectic rats. *PeerJ*, **2017**, 5, e4109	3.1	15
122	Recomendaciones SEPAR de diagnóstico y tratamiento del cáncer de pulmón de células no pequeñas. *Archivos De Bronconeumologia*, **2016**, 52, 2-62	0.7	11
121	Recommendations of the Spanish Society of Pneumology and Thoracic Surgery on the diagnosis and treatment of non-small-cell lung cancer. *Archivos De Bronconeumologia*, **2016**, 52 Suppl 1, 2-62	0.7	13
120	Executive Summary of the SEPAR Recommendations for the Diagnosis and Treatment of Non-small Cell Lung Cancer. *Archivos De Bronconeumologia*, **2016**, 52, 378-388	0.7	7
119	The role of MicroRNAs in COPD muscle dysfunction and mass loss: implications on the clinic. *Expert Review of Respiratory Medicine*, **2016**, 10, 1011-22	3.8	10
118	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
117	Reduced tumor burden through increased oxidative stress in lung adenocarcinoma cells of PARP-1 and PARP-2 knockout mice. *Biochimie*, **2016**, 121, 278-86	4.6	11
116	Time-Course of Muscle Mass Loss, Damage, and Proteolysis in Gastrocnemius following Unloading and Reloading: Implications in Chronic Diseases. *PLoS ONE*, **2016**, 11, e0164951	3.7	29
115	Pharmacological Approaches in an Experimental Model of Non-Small Cell Lung Cancer: Effects on Tumor Biology. *Current Pharmaceutical Design*, **2016**, 22, 5300-5310	3.3	7
114	Amino Acid and Protein Metabolism in Pulmonary Diseases and Nutritional Abnormalities **2016**, 145-159		1
113	Redox Imbalance in Lung Cancer of Patients with Underlying Chronic Respiratory Conditions. *Molecular Medicine*, **2016**, 22, 85-98	6.2	21
112	Clinical management of chronic obstructive pulmonary disease patients with muscle dysfunction. *Journal of Thoracic Disease*, **2016**, 8, 3379-3400	2.6	11
111	Relationships between chronic obstructive pulmonary disease and lung cancer: biological insights. *Journal of Thoracic Disease*, **2016**, 8, E1122-E1135	2.6	16
110	Role of Protein Carbonylation in Skeletal Muscle Mass Loss Associated with Chronic Conditions. *Proteomes*, **2016**, 4,	4.6	27
109	Phenotypic and metabolic features of mouse diaphragm and gastrocnemius muscles in chronic lung carcinogenesis: influence of underlying emphysema. *Journal of Translational Medicine*, **2016**, 14, 244	8.5	24
108	Therapeutic Approaches in Mitochondrial Dysfunction, Proteolysis, and Structural Alterations of Diaphragm and Gastrocnemius in Rats With Chronic Heart Failure. *Journal of Cellular Physiology*, **2016**, 231, 1495-513	7	24
107	Lack of Correlation Between Pulmonary and Systemic Inflammation Markers in Patients with Chronic Obstructive Pulmonary Disease: A Simultaneous, Two-Compartmental Analysis. *Archivos De Bronconeumologia*, **2016**, 52, 361-7	0.7	10

106	Molecular and biological pathways of skeletal muscle dysfunction in chronic obstructive pulmonary disease. *Chronic Respiratory Disease*, **2016**, 13, 297-311	3	37
105	Executive summary of the SEPAR recommendations for the diagnosis and treatment of non-small cell lung cancer. *Archivos De Bronconeumologia*, **2016**, 52, 378-88	0.7	15
104	Personalized respiratory medicine: exploring the horizon, addressing the issues. Summary of a BRN-AJRCCM workshop held in Barcelona on June 12, 2014. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 191, 391-401	10.2	48
103	Guidelines for the evaluation and treatment of muscle dysfunction in patients with chronic obstructive pulmonary disease. *Archivos De Bronconeumologia*, **2015**, 51, 384-95	0.7	55
102	Relation between circulating CC16 concentrations, lung function, and development of chronic obstructive pulmonary disease across the lifespan: a prospective study. *Lancet Respiratory Medicine,the*, **2015**, 3, 613-20	35.1	87
101	Guidelines for the Evaluation and Treatment of Muscle Dysfunction in Patients With Chronic Obstructive Pulmonary Disease. *Archivos De Bronconeumologia*, **2015**, 51, 384-395	0.7	16
100	Inspiratory and expiratory muscle training in subacute stroke: A randomized clinical trial. *Neurology*, **2015**, 85, 564-72	6.5	42
99	Lights and shadows of non-invasive mechanical ventilation for chronic obstructive pulmonary disease (COPD) exacerbations. *Annals of Thoracic Medicine*, **2015**, 10, 87-93	2.2	9
98	Quadriceps muscle weakness and atrophy are associated with a differential epigenetic profile in advanced COPD. *Clinical Science*, **2015**, 128, 905-21	6.5	52
97	Muscle dysfunction in patients with lung diseases: a growing epidemic. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 191, 616-9	10.2	24
96	High CO2 levels cause skeletal muscle atrophy via AMP-activated kinase (AMPK), FoxO3a protein, and muscle-specific Ring finger protein 1 (MuRF1). *Journal of Biological Chemistry*, **2015**, 290, 9183-94	5.4	79
95	Epigenetics and muscle dysfunction in chronic obstructive pulmonary disease. *Translational Research*, **2015**, 165, 61-73	11	21
94	MicroRNA expression and protein acetylation pattern in respiratory and limb muscles of Parp-1(-/-) and Parp-2(-/-) mice with lung cancer cachexia. *Biochimica Et Biophysica Acta - General Subjects*, **2015** , 1850, 2530-43	4	37
93	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	7.8	100
92	Respiratory and Limb Muscle Dysfunction in COPD. *COPD: Journal of Chronic Obstructive Pulmonary Disease*, **2015**, 12, 413-26	2	86
91	Muscle dysfunction in chronic obstructive pulmonary disease: update on causes and biological findings. *Journal of Thoracic Disease*, **2015**, 7, E418-38	2.6	67
90	Pharmacological strategies in lung cancer-induced cachexia: effects on muscle proteolysis, autophagy, structure, and weakness. *Journal of Cellular Physiology*, **2014**, 229, 1660-72	7	67
89	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, e15-62	10.2	577

88	Protein carbonylation and muscle function in COPD and other conditions. *Mass Spectrometry Reviews*, **2014**, 33, 219-36	11	26
87	Molecular and physiological events in respiratory muscles and blood of rats exposed to inspiratory threshold loading. *Translational Research*, **2014**, 163, 478-93	11	6
86	Influence of mechanical ventilation and sepsis on redox balance in diaphragm, myocardium, limb muscles, and lungs. *Translational Research*, **2014**, 164, 477-95	11	15
85	Update in chronic obstructive pulmonary disease 2013. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 189, 1337-44	10.2	8
84	Chronic Obstructive Pulmonary Disease heterogeneity: challenges for health risk assessment, stratification and management. *Journal of Translational Medicine*, **2014**, 12 Suppl 2, S3	8.5	28
83	Malfolded protein structure and proteostasis in lung diseases. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 189, 96-103	10.2	43
82	The muscle oxidative regulatory response to acute exercise is not impaired in less advanced COPD despite a decreased oxidative phenotype. *PLoS ONE*, **2014**, 9, e90150	3.7	9
81	Do epigenetic events take place in the vastus lateralis of patients with mild chronic obstructive pulmonary disease?. *PLoS ONE*, **2014**, 9, e102296	3.7	35
80	The systemic inflammome of severe obesity before and after bariatric surgery. *PLoS ONE*, **2014**, 9, e107859	3.7	27
79	Moving towards patient-centered medicine for COPD management: multidimensional approaches versus phenotype-based medicine--a critical view. *COPD: Journal of Chronic Obstructive Pulmonary Disease*, **2014**, 11, 591-602	2	16
78	Epigenetic mechanisms in respiratory muscle dysfunction of patients with chronic obstructive pulmonary disease. *PLoS ONE*, **2014**, 9, e111514	3.7	40
77	Lung Transplantation: SEPAR Year 2013. *Archivos De Bronconeumologia*, **2013**, 49, 501-502	0.7	
76	The relation of circulating YKL-40 to levels and decline of lung function in adult life. *Respiratory Medicine*, **2013**, 107, 1923-30	4.6	21
75	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	7.8	58
74	Open Access: Is the Scientific Quality of Biomedical Publications Threatened?. *Archivos De Bronconeumologia*, **2013**, 49, 505-506	0.7	3
73	Archivos de Bronconeumologí Recovers the Impact Factor. *Archivos De Bronconeumologia*, **2013**, 49, 317-318	0.7	
72	Serum levels of Clara cell secretory protein, asthma, and lung function in the adult general population. *Journal of Allergy and Clinical Immunology*, **2013**, 132, 230-2	11.5	25
71	Functional and biological characteristics of asthma in cleaning workers. *Respiratory Medicine*, **2013**, 107, 673-83	4.6	31

70	Loss of quadriceps muscle oxidative phenotype and decreased endurance in patients with mild-to-moderate COPD. *Journal of Applied Physiology*, **2013**, 114, 1319-28	3.7	74
69	Epigenetic regulation of muscle phenotype and adaptation: a potential role in COPD muscle dysfunction. *Journal of Applied Physiology*, **2013**, 114, 1263-72	3.7	32
68	Mitochondrial dysfunction and therapeutic approaches in respiratory and limb muscles of cancer cachectic mice. *Experimental Physiology*, **2013**, 98, 1349-65	2.4	46
67	Cigarette smoke-induced oxidative stress in skeletal muscles of mice. *Respiratory Physiology and Neurobiology*, **2012**, 182, 9-17	2.8	55
66	Association between ω3 and ω6 fatty acid intakes and serum inflammatory markers in COPD. *Journal of Nutritional Biochemistry*, **2012**, 23, 817-21	6.3	62
65	Respiratory diseases and muscle dysfunction. *Expert Review of Respiratory Medicine*, **2012**, 6, 75-90	3.8	33
64	Muscle and blood redox status after exercise training in severe COPD patients. *Free Radical Biology and Medicine*, **2012**, 52, 88-94	7.8	72
63	Occupational risk factors for hand dermatitis among professional cleaners in Spain. *Contact Dermatitis*, **2012**, 66, 188-96	2.7	28
62	Does oxidative stress modulate limb muscle atrophy in severe COPD patients?. *European Respiratory Journal*, **2012**, 40, 851-62	13.6	103
61	Reduction of Muscle Mass Mediated by Myostatin in an Experimental Model of Pulmonary Emphysema. *Archivos De Bronconeumologia*, **2011**, 47, 590-598	0.7	1
60	Inflammatory cells and apoptosis in respiratory and limb muscles of patients with COPD. *Journal of Applied Physiology*, **2011**, 111, 808-17	3.7	57
59	Reference values of respiratory and peripheral muscle function in rats. *Journal of Animal Physiology and Animal Nutrition*, **2010**, 94, e393-401	2.6	11
58	Redox balance and carbonylated proteins in limb and heart muscles of cachectic rats. *Antioxidants and Redox Signaling*, **2010**, 12, 365-80	8.4	62
57	Short-term changes in respiratory biomarkers after swimming in a chlorinated pool. *Environmental Health Perspectives*, **2010**, 118, 1538-44	8.4	76
56	Dietary modulation of oxidative stress in chronic obstructive pulmonary disease patients. *Free Radical Research*, **2010**, 44, 1296-303	4	20
55	Cigarette smoke-induced oxidative stress: A role in chronic obstructive pulmonary disease skeletal muscle dysfunction. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 182, 477-88	10.2	192
54	Protein carbonylation in skeletal muscles: impact on function. *Antioxidants and Redox Signaling*, **2010**, 12, 417-29	8.4	75
53	Redox balance and cellular inflammation in the diaphragm, limb muscles, and lungs of mechanically ventilated rats. *Anesthesiology*, **2010**, 112, 384-94	4.3	13

52	Quadriceps muscle strength in scoliosis. *European Respiratory Journal*, **2009**, 34, 1429-35	13.6	16
51	Oxidised proteins and superoxide anion production in the diaphragm of severe COPD patients. *European Respiratory Journal*, **2009**, 33, 1309-19	13.6	80
50	UCP3 overexpression neutralizes oxidative stress rather than nitrosative stress in mouse myotubes. *FEBS Letters*, **2009**, 583, 350-6	3.8	25
49	Role of free radicals in vascular dysfunction induced by high tidal volume ventilation. *Intensive Care Medicine*, **2009**, 35, 1110-9	14.5	29
48	Inflammatory Cytokines and Repair Factors in the Intercostal Muscles of Patients With Severe COPD. *Archivos De Bronconeumologia*, **2009**, 45, 279-285	0.7	1
47	Relationship Between Expiratory Muscle Dysfunction and Dynamic Hyperinflation in Advanced Chronic Obstructive Pulmonary Disease. *Archivos De Bronconeumologia*, **2009**, 45, 487-495	0.7	
46	Systemic Inflammation in COPD. *Clinical Pulmonary Medicine*, **2009**, 16, 233-242	0.3	5
45	Chronic endurance exercise induces quadriceps nitrosative stress in patients with severe COPD. *Thorax*, **2009**, 64, 13-9	7.3	88
44	Activaci□ de c□lulas sat□lite en el m□sculo intercostal de pacientes con EPOC. *Archivos De Bronconeumologia*, **2008**, 44, 239-244	0.7	4
43	Actualizaci□ en los mecanismos de disfunci□ muscular en la EPOC. *Archivos De Bronconeumologia*, **2008**, 44, 328-337	0.7	16
42	Activation of Satellite Cells in the Intercostal Muscles of Patients With Chronic Obstructive Pulmonary Disease. *Archivos De Bronconeumologia*, **2008**, 44, 239-244	0.7	8
41	Update on the Mechanisms of Muscle Dysfunction in COPD. *Archivos De Bronconeumologia*, **2008**, 44, 328-337	0.7	1
40	Redox balance following magnetic stimulation training in the quadriceps of patients with severe COPD. *Free Radical Research*, **2008**, 42, 939-48	4	20
39	Cytokine profile in quadriceps muscles of patients with severe COPD. *Thorax*, **2008**, 63, 100-7	7.3	122
38	Near-fatal asthma phenotype in the ENFUMOSA Cohort. *Clinical and Experimental Allergy*, **2007**, 37, 552-7	4.1	56
37	M□sculos respiratorios, tolerancia al ejercicio y entrenamiento muscular en la EPOC. *Archivos De Bronconeumologia*, **2007**, 43, 15-24	0.7	4
36	Oxidative stress in the external intercostal muscles of patients with obstructive sleep apnoea. *Thorax*, **2007**, 62, 1095-101	7.3	22
35	Upregulation of pro-inflammatory cytokines in the intercostal muscles of COPD patients. *European Respiratory Journal*, **2007**, 30, 701-7	13.6	53

34	Free Radicals, Cytokines, and Respiratory Muscles in COPD Patients. *Clinical Pulmonary Medicine*, **2007**, 14, 117-126	0.3	10
33	Oxidative stress time course in the rat diaphragm after freezing-thawing cycles. *Respiratory Physiology and Neurobiology*, **2007**, 155, 156-66	2.8	5
32	Clinical outcomes of expiratory muscle training in severe COPD patients. *Respiratory Medicine*, **2007** , 101, 516-24	4.6	49
31	Aging, sex differences, and oxidative stress in human respiratory and limb muscles. *Free Radical Biology and Medicine*, **2006**, 41, 797-809	7.8	51
30	Respiratory loading intensity and diaphragm oxidative stress: N-acetyl-cysteine effects. *Journal of Applied Physiology*, **2006**, 100, 555-63	3.7	38
29	Modifications of proteins by 4-hydroxy-2-nonenal in the ventilatory muscles of rats. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2006**, 290, L996-1003	5.8	45
28	Differences in COPD care among doctors who control the disease: general practitioner vs. pneumologist. *Respiratory Medicine*, **2006**, 100, 332-9	4.6	28
27	The AP-1/CJUN signaling cascade is involved in muscle differentiation: implications in muscle wasting during cancer cachexia. *FEBS Letters*, **2006**, 580, 691-6	3.8	23
26	Overexpression of UCP3 in both murine and human myotubes is linked with the activation of proteolytic systems: a role in muscle wasting?. *Biochimica Et Biophysica Acta - General Subjects*, **2006** , 1760, 253-8	4	13
25	Skeletal Muscle Adaptations to Disease States **2006**, 315-360		2
24	Activation of UCPs gene expression in skeletal muscle can be independent on both circulating fatty acids and food intake. Involvement of ROS in a model of mouse cancer cachexia. *FEBS Letters*, **2005**, 579, 717-22	3.8	45
23	Both oxidative and nitrosative stress are associated with muscle wasting in tumour-bearing rats. *FEBS Letters*, **2005**, 579, 1646-52	3.8	93
22	Oxidative stress and respiratory muscle dysfunction in severe chronic obstructive pulmonary disease. *American Journal of Respiratory and Critical Care Medicine*, **2005**, 171, 1116-24	10.2	179
21	Time-based gene expression programme following diaphragm injury in a rat model. *European Respiratory Journal*, **2005**, 25, 422-30	13.6	7
20	N-acetylcysteine increases manganese superoxide dismutase activity in septic rat diaphragms. *European Respiratory Journal*, **2005**, 26, 1032-9	13.6	31
19	Protein carbonyl formation in the diaphragm. *American Journal of Respiratory Cell and Molecular Biology*, **2005**, 32, 9-17	5.7	91
18	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, 636-42	5.7	73
17	Glutathione and glutamate levels in the diaphragm of patients with chronic obstructive pulmonary disease. *European Respiratory Journal*, **2004**, 23, 545-51	13.6	15

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