

# Annemie M W J Schols

## List of Publications by Citations

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180  
papers

16,829  
citations

51  
h-index

129  
g-index

186  
ext. papers

19,911  
ext. citations

5.1  
avg. IF

6.13  
L-index

#	Paper	IF	Citations
180	An official American Thoracic Society/European Respiratory Society statement: key concepts and advances in pulmonary rehabilitation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 188, e13-64	10.2	1863
179	Bioelectrical impedance analysis--part I: review of principles and methods. <i>Clinical Nutrition</i> , <b>2004</b> , 23, 1226-43	5.9	1535
178	Cachexia: a new definition. <i>Clinical Nutrition</i> , <b>2008</b> , 27, 793-9	5.9	1486
177	American Thoracic Society/European Respiratory Society statement on pulmonary rehabilitation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2006</b> , 173, 1390-413	10.2	1361
176	Bioelectrical impedance analysis-part II: utilization in clinical practice. <i>Clinical Nutrition</i> , <b>2004</b> , 23, 1430-53	5.9	1226
175	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> , <b>2014</b> , 189, e15-62	10.2	577
174	Mortality and mortality-related factors after hospitalization for acute exacerbation of COPD. <i>Chest</i> , <b>2003</b> , 124, 459-67	5.3	510
173	Prevalence and characteristics of nutritional depletion in patients with stable COPD eligible for pulmonary rehabilitation. <i>The American Review of Respiratory Disease</i> , <b>1993</b> , 147, 1151-6		490
172	Body composition and mortality in chronic obstructive pulmonary disease. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 82, 53-9	7	482
171	Body composition and mortality in chronic obstructive pulmonary disease. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 82, 53-59	7	433
170	Nutritional recommendations for the management of sarcopenia. <i>Journal of the American Medical Directors Association</i> , <b>2010</b> , 11, 391-6	5.9	387
169	Inflammatory cytokines inhibit myogenic differentiation through activation of nuclear factor-kappaB. <i>FASEB Journal</i> , <b>2001</b> , 15, 1169-80	0.9	333
168	Skeletal muscle dysfunction in chronic obstructive pulmonary disease and chronic heart failure: underlying mechanisms and therapy perspectives. <i>American Journal of Clinical Nutrition</i> , <b>2000</b> , 71, 1033-47	7	286
167	Tumor necrosis factor-alpha inhibits myogenic differentiation through MyoD protein destabilization. <i>FASEB Journal</i> , <b>2004</b> , 18, 227-37	0.9	249
166	Chronic kidney disease and premature ageing. <i>Nature Reviews Nephrology</i> , <b>2014</b> , 10, 732-42	14.9	215
165	Systemic effects in COPD. <i>Chest</i> , <b>2002</b> , 121, 127S-130S	5.3	191
164	Sarcopenia: A Time for Action. An SCWD Position Paper. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2019</b> , 10, 956-961	10.3	171

163	Muscle fibre type shifting in the vastus lateralis of patients with COPD is associated with disease severity: a systematic review and meta-analysis. <i>Thorax</i> , <b>2007</b> , 62, 944-9	7.3	165
162	Skeletal muscle weakness is associated with wasting of extremity fat-free mass but not with airflow obstruction in patients with chronic obstructive pulmonary disease. <i>American Journal of Clinical Nutrition</i> , <b>2000</b> , 71, 733-8	7	160
161	Nutritional assessment and therapy in COPD: a European Respiratory Society statement. <i>European Respiratory Journal</i> , <b>2014</b> , 44, 1504-20	13.6	158
160	Striking similarities in systemic factors contributing to decreased exercise capacity in patients with severe chronic heart failure or COPD. <i>Chest</i> , <b>2003</b> , 123, 1416-24	5.3	155
159	A role for anabolic steroids in the rehabilitation of patients with COPD? A double-blind, placebo-controlled, randomized trial. <i>Chest</i> , <b>2003</b> , 124, 1733-42	5.3	148
158	Efficacy of nutritional supplementation therapy in depleted patients with chronic obstructive pulmonary disease. <i>Nutrition</i> , <b>2003</b> , 19, 120-7	4.8	142
157	Pulmonary function in diabetes: a metaanalysis. <i>Chest</i> , <b>2010</b> , 138, 393-406	5.3	139
156	Rehabilitation decreases exercise-induced oxidative stress in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2005</b> , 172, 994-1001	10.2	135
155	Muscle fiber type IIX atrophy is involved in the loss of fat-free mass in chronic obstructive pulmonary disease. <i>American Journal of Clinical Nutrition</i> , <b>2002</b> , 76, 113-9	7	135
154	Mechanisms of Chronic Muscle Wasting and Dysfunction after an Intensive Care Unit Stay. A Pilot Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 194, 821-830	10.2	122
153	Modifiable risk factors for the prevention of bladder cancer: a systematic review of meta-analyses. <i>European Journal of Epidemiology</i> , <b>2016</b> , 31, 811-51	12.1	104
152	Effects of whole-body exercise training on body composition and functional capacity in normal-weight patients with COPD. <i>Chest</i> , <b>2004</b> , 125, 2021-8	5.3	100
151	Similarities in skeletal muscle strength and exercise capacity between renal transplant and hemodialysis patients. <i>American Journal of Transplantation</i> , <b>2005</b> , 5, 1957-65	8.7	91
150	Problematic activities of daily life are weakly associated with clinical characteristics in COPD. <i>Journal of the American Medical Directors Association</i> , <b>2012</b> , 13, 284-90	5.9	90
149	The Prevalence of Metabolic Syndrome In Chronic Obstructive Pulmonary Disease: A Systematic Review. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , <b>2016</b> , 13, 399-406	2	85
148	Factors contributing to alterations in skeletal muscle and plasma amino acid profiles in patients with chronic obstructive pulmonary disease. <i>American Journal of Clinical Nutrition</i> , <b>2000</b> , 72, 1480-7	7	83
147	Limb muscle dysfunction in COPD: effects of muscle wasting and exercise training. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, 2-9	1.2	81
146	Efficacy and costs of nutritional rehabilitation in muscle-wasted patients with chronic obstructive pulmonary disease in a community-based setting: a prespecified subgroup analysis of the INTERCOM trial. <i>Journal of the American Medical Directors Association</i> , <b>2010</b> , 11, 179-87	5.9	76

145	Autophagy in locomotor muscles of patients with chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 188, 1313-20	10.2	75
144	Loss of quadriceps muscle oxidative phenotype and decreased endurance in patients with mild-to-moderate COPD. <i>Journal of Applied Physiology</i> , <b>2013</b> , 114, 1319-28	3.7	74
143	Supplementation of soy protein with branched-chain amino acids alters protein metabolism in healthy elderly and even more in patients with chronic obstructive pulmonary disease. <i>American Journal of Clinical Nutrition</i> , <b>2007</b> , 85, 431-9	7	70
142	Is age-related decline in lean mass and physical function accelerated by obstructive lung disease or smoking?. <i>Thorax</i> , <b>2011</b> , 66, 961-9	7.3	68
141	Pulmonary cachexia. <i>International Journal of Cardiology</i> , <b>2002</b> , 85, 101-10	3.2	68
140	The influence of abdominal visceral fat on inflammatory pathways and mortality risk in obstructive lung disease. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 96, 516-26	7	66
139	Extrapulmonary manifestations of chronic obstructive pulmonary disease in a mouse model of chronic cigarette smoke exposure. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2009</b> , 40, 710-6	5.7	66
138	Cachexia in chronic obstructive pulmonary disease: new insights and therapeutic perspective. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2016</b> , 7, 5-22	10.3	66
137	Greater whole-body myofibrillar protein breakdown in cachectic patients with chronic obstructive pulmonary disease. <i>American Journal of Clinical Nutrition</i> , <b>2006</b> , 83, 829-34	7	65
136	NF-B activation is required for the transition of pulmonary inflammation to muscle atrophy. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2012</b> , 47, 288-97	5.7	62
135	Task-related oxygen uptake during domestic activities of daily life in patients with COPD and healthy elderly subjects. <i>Chest</i> , <b>2011</b> , 140, 970-979	5.3	60
134	A randomized clinical trial investigating the efficacy of targeted nutrition as adjunct to exercise training in COPD. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2017</b> , 8, 748-758	10.3	55
133	Differences in walking pattern during 6-min walk test between patients with COPD and healthy subjects. <i>PLoS ONE</i> , <b>2012</b> , 7, e37329	3.7	54
132	Energy balance in depleted ambulatory patients with chronic obstructive pulmonary disease: the effect of physical activity and oral nutritional supplementation. <i>British Journal of Nutrition</i> , <b>2003</b> , 89, 725-31	3.6	54
131	Glycogen synthase kinase 3 suppresses myogenic differentiation through negative regulation of NFATc3. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 358-366	5.4	53
130	The functional, metabolic, and anabolic responses to exercise training in renal transplant and hemodialysis patients. <i>Transplantation</i> , <b>2007</b> , 83, 1059-68	1.8	53
129	Heterogeneity of quadriceps muscle phenotype in chronic obstructive pulmonary disease (COPD); implications for stratified medicine?. <i>Muscle and Nerve</i> , <b>2013</b> , 48, 488-97	3.4	51
128	Transcutaneous oxygen saturation and carbon dioxide tension during meals in patients with chronic obstructive pulmonary disease. <i>Chest</i> , <b>1991</b> , 100, 1287-92	5.3	46

127	Abdominal fat mass contributes to the systemic inflammation in chronic obstructive pulmonary disease. <i>Clinical Nutrition</i> , <b>2010</b> , 29, 756-60	5.9	45
126	Antagonistic implications of sarcopenia and abdominal obesity on physical performance in COPD. <i>European Respiratory Journal</i> , <b>2015</b> , 46, 336-45	13.6	43
125	Characterization of the inflammatory and metabolic profile of adipose tissue in a mouse model of chronic hypoxia. <i>Journal of Applied Physiology</i> , <b>2013</b> , 114, 1619-28	3.7	43
124	Measuring body composition in chronic heart failure: a comparison of methods. <i>European Journal of Heart Failure</i> , <b>2006</b> , 8, 208-14	12.3	42
123	Optimizing oral nutritional drink supplementation in patients with chronic obstructive pulmonary disease. <i>British Journal of Nutrition</i> , <b>2005</b> , 93, 965-71	3.6	41
122	Low-grade adipose tissue inflammation in patients with mild-to-moderate chronic obstructive pulmonary disease. <i>American Journal of Clinical Nutrition</i> , <b>2011</b> , 94, 1504-12	7	40
121	The "Sarcopenia and Physical Frailty IN older people: multi-component Treatment strategies" (SPRINTT) randomized controlled trial: Case finding, screening and characteristics of eligible participants. <i>Experimental Gerontology</i> , <b>2018</b> , 113, 48-57	4.5	40
120	Cellular protein breakdown and systemic inflammation are unaffected by pulmonary rehabilitation in COPD. <i>Thorax</i> , <b>2007</b> , 62, 109-14	7.3	38
119	Inventory of nutritional status in patients with COPD. <i>Chest</i> , <b>1989</b> , 96, 247-9	5.3	38
118	Behavioural changes, sharing behaviour and psychological responses after receiving direct-to-consumer genetic test results: a systematic review and meta-analysis. <i>Journal of Community Genetics</i> , <b>2018</b> , 9, 1-18	2.5	37
117	Alterations in the in vitro and in vivo regulation of muscle regeneration in healthy ageing and the influence of sarcopenia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2018</b> , 9, 93-105	10.3	37
116	Central fat and peripheral muscle: partners in crime in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 187, 8-13	10.2	35
115	Dietary change, nutrition education and chronic obstructive pulmonary disease. <i>Patient Education and Counseling</i> , <b>2004</b> , 52, 249-57	3.1	35
114	A new direction in psychology and health: Resistance exercise training for obese children and adolescents. <i>Psychology and Health</i> , <b>2016</b> , 31, 1-8	2.9	33
113	Response of whole-body protein and urea turnover to exercise differs between patients with chronic obstructive pulmonary disease with and without emphysema. <i>American Journal of Clinical Nutrition</i> , <b>2003</b> , 77, 868-74	7	33
112	Preserving Mobility in Older Adults with Physical Frailty and Sarcopenia: Opportunities, Challenges, and Recommendations for Physical Activity Interventions. <i>Clinical Interventions in Aging</i> , <b>2020</b> , 15, 1675-1690	4	33
111	Distinct responses of protein turnover regulatory pathways in hypoxia- and semistarvation-induced muscle atrophy. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2013</b> , 305, L82-91	5.8	32
110	Loss of oxidative defense and potential blockade of satellite cell maturation in the skeletal muscle of patients with cancer but not in the healthy elderly. <i>Aging</i> , <b>2016</b> , 8, 1690-702	5.6	31

109	Nutritional modulation as part of the integrated management of chronic obstructive pulmonary disease. <i>Proceedings of the Nutrition Society</i> , <b>2003</b> , 62, 783-91	2.9	30
108	Dietary fibre and fatty acids in chronic obstructive pulmonary disease risk and progression: a systematic review. <i>Respirology</i> , <b>2014</b> , 19, 176-184	3.6	29
107	Nutrition as a metabolic modulator in COPD. <i>Chest</i> , <b>2013</b> , 144, 1340-1345	5.3	29
106	Psychological co-morbidities in COPD: Targeting systemic inflammation, a benefit for both?. <i>European Journal of Pharmacology</i> , <b>2019</b> , 842, 99-110	5.3	26
105	Impaired exercise training-induced muscle fiber hypertrophy and Akt/mTOR pathway activation in hypoxemic patients with COPD. <i>Journal of Applied Physiology</i> , <b>2015</b> , 118, 1040-9	3.7	25
104	The pathophysiology of cachexia in chronic obstructive pulmonary disease. <i>Current Opinion in Supportive and Palliative Care</i> , <b>2009</b> , 3, 282-7	2.6	25
103	Handgrip weakness, low fat-free mass, and overall survival in non-small cell lung cancer treated with curative-intent radiotherapy. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2020</b> , 11, 424-431	10.3	25
102	Increased Myogenic and Protein Turnover Signaling in Skeletal Muscle of Chronic Obstructive Pulmonary Disease Patients With Sarcopenia. <i>Journal of the American Medical Directors Association</i> , <b>2017</b> , 18, 637.e1-637.e11	5.9	24
101	Targeted medical nutrition for cachexia in chronic obstructive pulmonary disease: a randomized, controlled trial. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2018</b> , 9, 28-40	10.3	24
100	Nutrient Status Assessment in Individuals and Populations for Healthy Aging-Statement from an Expert Workshop. <i>Nutrients</i> , <b>2015</b> , 7, 10491-500	6.7	23
99	Skeletal muscle unloading results in increased mitophagy and decreased mitochondrial biogenesis regulation. <i>Muscle and Nerve</i> , <b>2019</b> , 60, 769-778	3.4	21
98	Muscle Quality is More Impaired in Sarcopenic Patients With Chronic Obstructive Pulmonary Disease. <i>Journal of the American Medical Directors Association</i> , <b>2016</b> , 17, 415-20	5.9	20
97	Increased postabsorptive and exercise-induced whole-body glucose production in patients with chronic obstructive pulmonary disease. <i>Metabolism: Clinical and Experimental</i> , <b>2011</b> , 60, 957-64	12.7	20
96	Palmitate-induced skeletal muscle insulin resistance does not require NF- $\kappa$ B activation. <i>Cellular and Molecular Life Sciences</i> , <b>2011</b> , 68, 1215-25	10.3	20
95	Different effects of corticosteroid-induced muscle wasting compared with undernutrition on rat diaphragm energy metabolism. <i>European Journal of Applied Physiology</i> , <b>2000</b> , 82, 493-8	3.4	20
94	Cognitive impairment in chronic obstructive pulmonary disease: disease burden, determinants and possible future interventions. <i>Expert Review of Respiratory Medicine</i> , <b>2018</b> , 12, 1061-1074	3.8	20
93	Metabolic effects of glutamine and glutamate ingestion in healthy subjects and in persons with chronic obstructive pulmonary disease. <i>American Journal of Clinical Nutrition</i> , <b>2006</b> , 83, 115-23	7	20
92	Hypoxia differentially regulates muscle oxidative fiber type and metabolism in a HIF-1 $\beta$ -dependent manner. <i>Cellular Signalling</i> , <b>2014</b> , 26, 1837-45	4.9	19

91	Pathways associated with reduced quadriceps oxidative fibres and endurance in COPD. <i>European Respiratory Journal</i> , <b>2013</b> , 41, 1275-83	13.6	19
90	Nutritional targets to enhance exercise performance in chronic obstructive pulmonary disease. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2012</b> , 15, 553-60	3.8	19
89	Early body weight loss during concurrent chemo-radiotherapy for non-small cell lung cancer. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2014</b> , 5, 127-37	10.3	18
88	Casein protein results in higher prandial and exercise induced whole body protein anabolism than whey protein in chronic obstructive pulmonary disease. <i>Metabolism: Clinical and Experimental</i> , <b>2012</b> , 61, 1289-300	12.7	18
87	Resveratrol for patients with chronic obstructive pulmonary disease: hype or hope?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2018</b> , 21, 138-144	3.8	18
86	Sarcopenia in Advanced COPD Affects Cardiometabolic Risk Reduction by Short-Term High-intensity Pulmonary Rehabilitation. <i>Journal of the American Medical Directors Association</i> , <b>2016</b> , 17, 814-20	5.9	17
85	Maintenance of a physically active lifestyle after pulmonary rehabilitation in patients with COPD: a qualitative study toward motivational factors. <i>Journal of the American Medical Directors Association</i> , <b>2014</b> , 15, 655-64	5.9	17
84	Altered interorgan response to feeding in patients with chronic obstructive pulmonary disease. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 82, 366-72	7	17
83	Is Cancer Cachexia Attributed to Impairments in Basal or Postprandial Muscle Protein Metabolism?. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	17
82	Disease-induced and treatment-induced alterations in body composition in locally advanced head and neck squamous cell carcinoma. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2020</b> , 11, 145-159	10.3	17
81	The 2014 ESPEN Arvid Wretling Lecture: Metabolism & nutrition: Shifting paradigms in COPD management. <i>Clinical Nutrition</i> , <b>2015</b> , 34, 1074-9	5.9	16
80	European white paper: oropharyngeal dysphagia in head and neck cancer. <i>European Archives of Oto-Rhino-Laryngology</i> , <b>2021</b> , 278, 577-616	3.5	16
79	Altered interorgan response to feeding in patients with chronic obstructive pulmonary disease. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 82, 366-372	7	15
78	Normal Weight but Low Muscle Mass and Abdominally Obese: Implications for the Cardiometabolic Risk Profile in Chronic Obstructive Pulmonary Disease. <i>Journal of the American Medical Directors Association</i> , <b>2017</b> , 18, 533-538	5.9	14
77	Nutritional Interventions in Cancer Cachexia: Evidence and Perspectives From Experimental Models. <i>Frontiers in Nutrition</i> , <b>2020</b> , 7, 601329	6.2	14
76	Evidence-based practice within nutrition: what are the barriers for improving the evidence and how can they be dealt with?. <i>Trials</i> , <b>2017</b> , 18, 425	2.8	14
75	Distinct skeletal muscle molecular responses to pulmonary rehabilitation in chronic obstructive pulmonary disease: a cluster analysis. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2019</b> , 10, 311-322	10.3	13
74	Iron deficiency-induced loss of skeletal muscle mitochondrial proteins and respiratory capacity; the role of mitophagy and secretion of mitochondria-containing vesicles. <i>FASEB Journal</i> , <b>2020</b> , 34, 6703-6717	9.9	13

73	Glucocorticoid Receptor Signaling Impairs Protein Turnover Regulation in Hypoxia-Induced Muscle Atrophy in Male Mice. <i>Endocrinology</i> , <b>2018</b> , 159, 519-534	4.8	13
72	Alterations in Skeletal Muscle Oxidative Phenotype in Mice Exposed to 3 Weeks of Normobaric Hypoxia. <i>Journal of Cellular Physiology</i> , <b>2016</b> , 231, 377-92	7	13
71	Preserved muscle oxidative metabolic phenotype in newly diagnosed non-small cell lung cancer cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2015</b> , 6, 164-73	10.3	12
70	Systemic inflammation in chronic obstructive pulmonary disease and lung cancer: common driver of pulmonary cachexia?. <i>Current Opinion in Supportive and Palliative Care</i> , <b>2014</b> , 8, 339-45	2.6	12
69	Regulation of skeletal muscle plasticity by glycogen synthase kinase-3 $\alpha$ potential target for the treatment of muscle wasting. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 3276-98	3.3	12
68	Aerobic and strength exercises for youngsters aged 12 to 15: what do parents think?. <i>BMC Public Health</i> , <b>2015</b> , 15, 994	4.1	11
67	The Psychological Effects of Strength Exercises in People who are Overweight or Obese: A Systematic Review. <i>Sports Medicine</i> , <b>2017</b> , 47, 2069-2081	10.6	10
66	Trans fatty acid-induced NF-kappaB activation does not induce insulin resistance in cultured murine skeletal muscle cells. <i>Lipids</i> , <b>2010</b> , 45, 285-90	1.6	10
65	Nutrition and outcome in chronic respiratory disease. <i>Nutrition</i> , <b>1997</b> , 13, 161-3	4.8	10
64	De novo glutamine synthesis induced by corticosteroids in vivo in rats is secondary to weight loss. <i>Clinical Nutrition</i> , <b>2004</b> , 23, 1035-42	5.9	10
63	Differential regulation of muscle protein turnover in response to emphysema and acute pulmonary inflammation. <i>Respiratory Research</i> , <b>2017</b> , 18, 75	7.3	9
62	Cross-sectional and longitudinal assessment of muscle from regular chest computed tomography scans: L1 and pectoralis muscle compared to L3 as reference in non-small cell lung cancer. <i>International Journal of COPD</i> , <b>2019</b> , 14, 781-789	3	9
61	Nutritional advances in patients with respiratory diseases. <i>European Respiratory Review</i> , <b>2015</b> , 24, 17-22	9.8	9
60	The effect of acute and 7-days dietary nitrate on mechanical efficiency, exercise performance and cardiac biomarkers in patients with chronic obstructive pulmonary disease. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 1852-1861	5.9	9
59	The muscle oxidative regulatory response to acute exercise is not impaired in less advanced COPD despite a decreased oxidative phenotype. <i>PLoS ONE</i> , <b>2014</b> , 9, e90150	3.7	9
58	Combating adolescent obesity: an integrated physiological and psychological perspective. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2014</b> , 17, 521-4	3.8	9
57	Automated CT-derived skeletal muscle mass determination in lower hind limbs of mice using a 3D U-Net deep learning network. <i>Journal of Applied Physiology</i> , <b>2020</b> , 128, 42-49	3.7	9
56	Clinical outcome and cost-effectiveness of a 1-year nutritional intervention programme in COPD patients with low muscle mass: The randomized controlled NUTRAIN trial. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 405-413	5.9	9

55	Multicomponent intervention to prevent mobility disability in frail older adults: randomised controlled trial (SPRINTT project).. <i>BMJ, The</i> , <b>2022</b> , 377, e068788	5.9	9
54	Altered protein turnover signaling and myogenesis during impaired recovery of inflammation-induced muscle atrophy in emphysematous mice. <i>Scientific Reports</i> , <b>2018</b> , 8, 10761	4.9	8
53	Coordinated regulation of skeletal muscle mass and metabolic plasticity during recovery from disuse. <i>FASEB Journal</i> , <b>2019</b> , 33, 1288-1298	0.9	8
52	Whole body protein anabolism in COPD patients and healthy older adults is not enhanced by adding either carbohydrates or leucine to a serving of protein. <i>Clinical Nutrition</i> , <b>2019</b> , 38, 1684-1691	5.9	8
51	Impaired Skeletal Muscle Kynurenine Metabolism in Patients with Chronic Obstructive Pulmonary Disease. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	8
50	Development, Implementation, and Evaluation of an Interdisciplinary Theory- and Evidence-Based Intervention to Prevent Childhood Obesity: Theoretical and Methodological Lessons Learned. <i>Frontiers in Public Health</i> , <b>2017</b> , 5, 352	6	8
49	Contractile properties and histochemical characteristics of the rat diaphragm after prolonged triamcinolone treatment and nutritional deprivation. <i>Journal of Muscle Research and Cell Motility</i> , <b>1998</b> , 19, 549-55	3.5	8
48	Effect of glutamate ingestion on whole-body glutamate turnover in healthy elderly and patients with chronic obstructive pulmonary disease. <i>Nutrition</i> , <b>2006</b> , 22, 496-503	4.8	8
47	ACE Gene Polymorphism in COPD. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2004</b> , 170, 572-572	10.2	8
46	Safety and Tolerability of Targeted Medical Nutrition for Cachexia in Non-Small-Cell Lung Cancer: A Randomized, Double-Blind, Controlled Pilot Trial. <i>Nutrition and Cancer</i> , <b>2020</b> , 72, 439-450	2.8	8
45	Pulmonary rehabilitation, physical activity, respiratory failure and palliative respiratory care. <i>Thorax</i> , <b>2019</b> , 74, 693-699	7.3	7
44	A Multidimensional Risk Score to Predict All-Cause Hospitalization in Community-Dwelling Older Individuals With Obstructive Lung Disease. <i>Journal of the American Medical Directors Association</i> , <b>2016</b> , 17, 508-13	5.9	7
43	Metabolic and functional effects of glutamate intake in patients with chronic obstructive pulmonary disease (COPD). <i>Clinical Nutrition</i> , <b>2008</b> , 27, 408-15	5.9	7
42	Prediction model for tube feeding dependency during chemoradiotherapy for at least four weeks in head and neck cancer patients: A tool for prophylactic gastrostomy decision making. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 2600-2608	5.9	7
41	Measuring successful aging: an exploratory factor analysis of the InCHIANTI Study into different health domains. <i>Aging</i> , <b>2019</b> , 11, 3023-3040	5.6	6
40	Towards a multidimensional healthy ageing phenotype. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2016</b> , 19, 418-426	3.8	6
39	Decreased whole-body and splanchnic glutamate metabolism in healthy elderly men and patients with chronic obstructive pulmonary disease in the postabsorptive state and in response to feeding. <i>Journal of Nutrition</i> , <b>2005</b> , 135, 2166-70	4.1	6
38	Another way of looking at treatment stability. <i>Angle Orthodontist</i> , <b>2016</b> , 86, 721-6	2.6	6

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