Dirk-Jan Slebos

List of Publications by Year
in descending order

128 papers	4,633 citations	126708 33 h-index	110170 64 g-index
129 all docs	129 docs citations	129 times ranked	1641 citing authors

#	Article	IF	Citations
1	Endobronchial Valves for Emphysema without Interlobar Collateral Ventilation. New England Journal of Medicine, 2015, 373, 2325-2335.	13.9	376
2	A Multicenter Randomized Controlled Trial of Zephyr Endobronchial Valve Treatment in Heterogeneous Emphysema (LIBERATE). American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1151-1164.	2.5	253
3	Endobronchial Valve Therapy in Patients with Homogeneous Emphysema. Results from the IMPACT Study. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1073-1082.	2.5	250
4	A Multicenter Randomized Controlled Trial of Zephyr Endobronchial Valve Treatment in Heterogeneous Emphysema (TRANSFORM). American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1535-1543.	2.5	226
5	Radiological and clinical outcomes of using Chartisâ„¢ to plan endobronchial valve treatment. European Respiratory Journal, 2013, 41, 302-308.	3.1	221
6	Effect of Endobronchial Coils vs Usual Care on Exercise Tolerance in Patients With Severe Emphysema. JAMA - Journal of the American Medical Association, 2016, 315, 2178.	3.8	208
7	Bronchoscopic Lung Volume Reduction Coil Treatment of Patients With Severe Heterogeneous Emphysema. Chest, 2012, 142, 574-582.	0.4	170
8	Bronchoscopic lung volume reduction with a dedicated coil: a clinical pilot study. Therapeutic Advances in Respiratory Disease, 2010, 4, 225-231.	1.0	131
9	Endobronchial Valves for Endoscopic Lung Volume Reduction: Best Practice Recommendations from Expert Panel on Endoscopic Lung Volume Reduction. Respiration, 2017, 93, 138-150.	1.2	129
10	Lung volume reduction coil treatment for patients with severe emphysema: a European multicentre trial. Thorax, 2014, 69, 980-986.	2.7	120
11	A randomised trial of lung sealant versus medical therapy for advanced emphysema. European Respiratory Journal, 2015, 46, 651-662.	3.1	105
12	Lung volume reduction for emphysema. Lancet Respiratory Medicine,the, 2017, 5, 147-156.	5.2	104
13	Expert Statement: Pneumothorax Associated with Endoscopic Valve Therapy for Emphysema - Potential Mechanisms, Treatment Algorithm, and Case Examples. Respiration, 2014, 87, 513-521.	1.2	92
14	Predicting Lung Volume Reduction after Endobronchial Valve Therapy Is Maximized Using a Combination of Diagnostic Tools. Respiration, 2016, 92, 150-157.	1.2	85
15	Diagnostic performance comparison of the <scp>C</scp>hartis <scp>S</scp>ystem and highâ€resolution computerized tomography fissure analysis for planning endoscopic lung volume reduction. Respirology, 2014, 19, 524-530.	1.3	84
16	Targeted lung denervation for moderate to severe COPD: a pilot study. Thorax, 2015, 70, 411-419.	2.7	80
17	The minimal important difference for residual volume in patients with severe emphysema. European Respiratory Journal, 2012, 40, 1137-1141.	3.1	78
18	Surgical and endoscopic interventions that reduce lung volume for emphysema: a systemic review and meta-analysis. Lancet Respiratory Medicine,the, 2019, 7, 313-324.	5.2	78

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19	Lung Volume Reduction Coil Treatment in Chronic Obstructive Pulmonary Disease Patients with Homogeneous Emphysema: A Prospective Feasibility Trial. Respiration, 2014, 88, 116-125.	1.2	74
20	Endoscopic Lung Volume Reduction: An Expert Panel Recommendation â€“ Update 2019. Respiration, 2019, 97, 548-557.	1.2	72
21	The minimal important difference for the St George's Respiratory Questionnaire in patients with severe COPD. European Respiratory Journal, 2015, 46, 1598-1604.	3.1	71
22	Longâ€term followâ€up after bronchoscopic lung volume reduction treatment with coils in patients with severe emphysema. Respirology, 2015, 20, 319-326.	1.3	68
23	The fissure: interlobar collateral ventilation and implications for endoscopic therapy in emphysema. International Journal of COPD, 2016, 11, 765.	0.9	65
24	Endoscopic Lung Volume Reduction: An Expert Panel Recommendation - Update 2017. Respiration, 2017, 94, 380-388.	1.2	55
25	Safety and Adverse Events after Targeted Lung Denervation for Symptomatic Moderate to Severe Chronic Obstructive Pulmonary Disease (AIRFLOW). A Multicenter Randomized Controlled Clinical Trial. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 1477-1486.	2.5	53
26	Interventional Bronchoscopy. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 29-50.	2.5	52
27	Bronchoscopic Coil Treatment for Patients with Severe Emphysema: A Meta-Analysis. Respiration, 2015, 90, 136-145.	1.2	48
28	Endoscopic Lung Volume Reduction: An Expert Panel Recommendation. Respiration, 2016, 91, 241-250.	1.2	48
29	One-Year Follow-Up after Endobronchial Valve Treatment in Patients with Emphysema without Collateral Ventilation Treated in the STELVIO Trial. Respiration, 2017, 93, 112-121.	1.2	46
30	Endobronchial valves for severe emphysema. European Respiratory Review, 2019, 28, 180121.	3.0	39
31	Endobronchial Valves for the Treatment of Advanced Emphysema. Chest, 2021, 159, 1833-1842.	0.4	37
32	Design of the exhale airway stents for emphysema (EASE) trial: an endoscopic procedure for reducing hyperinflation. BMC Pulmonary Medicine, 2011, 11, 1.	0.8	36
33	Endobronchial Coils for Endoscopic Lung Volume Reduction: Best Practice Recommendations from an Expert Panel. Respiration, 2018, 96, 1-11.	1.2	34
34	Longitudinal Profile of Bronchoalveolar Lavage Cell Characteristics in Patients with a Good Outcome after Lung Transplantation. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 501-507.	2.5	33
35	Anti-inflammatory effects of targeted lung denervation in patients with COPD. European Respiratory Journal, 2015, 46, 1489-1492.	3.1	33
36	Minimal important difference of target lobar volume reduction after endobronchial valve treatment for emphysema. Respirology, 2018, 23, 306-310.	1.3	30

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37	Predictors of Response to Endobronchial Coil Therapy in Patients With Advanced Emphysema. Chest, 2019, 155, 928-937.	0.4	29
38	Endobronchial valve therapy for severe emphysema: an overview of valve-related complications and its management. Expert Review of Respiratory Medicine, 2020, 14, 1235-1247.	1.0	29
39	Mesenchymal Stromal Cells to Regenerate Emphysema: On the Horizon?. Respiration, 2018, 96, 148-158.	1.2	28
40	Long-term safety of bilateral targeted lung denervation in patients with COPD. International Journal of COPD, 2018, Volume 13, 2163-2172.	0.9	28
41	Safety and Dose Study of Targeted Lung Denervation in Moderate/Severe COPD Patients. Respiration, 2019, 98, 329-339.	1.2	28
42	An Integrative Approach of the Fissure Completeness Score and Chartis Assessment in Endobronchial Valve Treatment for Emphysema . International Journal of COPD, 2020, Volume 15, 1325-1334.	0.9	28
43	Safety and Histological Effect of Liquid Nitrogen Metered Spray Cryotherapy in the Lung. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1351-1352.	2.5	27
44	Bronchoscopic interventions for chronic obstructive pulmonary disease. Respirology, 2014, 19, 1126-1137.	1.3	26
45	Pleural Adhesion Assessment as a Predictor for Pneumothorax after Endobronchial Valve Treatment. Respiration, 2017, 94, 224-231.	1.2	25
46	Improvement of physical activity after endobronchial valve treatment in emphysema patients. Respiratory Medicine, 2016, 117, 116-121.	1.3	24
47	Emerging bronchoscopic treatments for chronic obstructive pulmonary disease. , 2017, 179, 96-101.		23
48	The lung volume reduction coil for the treatment of emphysema: a new therapy in development. Expert Review of Medical Devices, 2014, 11, 481-489.	1.4	22
49	Determining the Role of Dynamic Hyperinflation in Patients with Severe Chronic Obstructive Pulmonary Disease. Respiration, 2015, 90, 306-313.	1.2	21
50	Improved Predictors of Survival after Endobronchial Valve Treatment in Patients with Severe Emphysema. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1272-1274.	2.5	21
51	Treatment of severe stable COPD: the multidimensional approach of treatable traits. ERJ Open Research, 2020, 6, 00322-2019.	1.1	21
52	Design for a multicenter, randomized, sham-controlled study to evaluate safety and efficacy after treatment with the NuvairaÂ® lung denervation system in subjects with chronic obstructive pulmonary disease (AIRFLOW-3). BMC Pulmonary Medicine, 2020, 20, 41.	0.8	21
53	Expert Statement: Pneumothorax Associated with One-Way Valve Therapy for Emphysema: 2020 Update. Respiration, 2021, 100, 969-978.	1.2	20
54	Survival in COPD patients treated with bronchoscopic lung volume reduction. Respiratory Medicine, 2022, 196, 106825.	1.3	19

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55	Effect of Zephyr Endobronchial Valves on Dyspnea, Activity Levels, and Quality of Life at One Year. Results from a Randomized Clinical Trial. Annals of the American Thoracic Society, 2020, 17, 829-838.	1.5	17
56	Reduction of Lung Hyperinflation Improves Cardiac Preload, Contractility, and Output in Emphysema: A Clinical Trial in Patients Who Received Endobronchial Valves. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 704-711.	2.5	17
57	Hyperinflation in COPD exacerbations. Lancet Respiratory Medicine,the, 2015, 3, e43-e44.	5.2	16
58	Two-Year Outcomes for the Double-Blind, Randomized, Sham-Controlled Study of Targeted Lung Denervation in Patients with Moderate to Severe COPD: AIRFLOW-2 . International Journal of COPD, 2020, Volume 15, 2807-2816.	0.9	16
59	Bronchoscopic interventions for severe emphysema: Where are we now?. Respirology, 2020, 25, 972-980.	1.3	16
60	Endobronchial Valve Treatment in Emphysema Patients with a Very Low DLCO. Respiration, 2020, 99, 163-170.	1.2	16
61	The Natural and Unnatural History of Congenital Aortic Arch Abnormalities Evaluated in an Adult Survival Cohort. Canadian Journal of Cardiology, 2019, 35, 438-445.	0.8	14
62	Revision Bronchoscopy After Endobronchial Valve Treatment for Emphysema: Indications, Findings and Outcomes. International Journal of COPD, 2021, Volume 16, 1127-1136.	0.9	14
63	Costâ€effectiveness of endobronchial valve treatment in patients with severe emphysema compared to standard medical care. Respirology, 2018, 23, 835-841.	1.3	13
64	Patient Selection for Bronchoscopic Lung Volume Reduction . International Journal of COPD, 2020, Volume 15, 871-881.	0.9	13
65	Treatment of emphysema using bronchoscopic lung volume reduction coil technology: an update on efficacy and safety. Therapeutic Advances in Respiratory Disease, 2015, 9, 251-259.	1.0	12
66	Chartis Measurement of Collateral Ventilation: Conscious Sedation versus General Anesthesia â€“ A Retrospective Comparison. Respiration, 2018, 96, 480-487.	1.2	12
67	Collateral Ventilation Measurement Using Chartis. Chest, 2019, 156, 984-990.	0.4	12
68	Protocol of a Randomized Controlled Study of the PneumRx Endobronchial Coil System versus Standard-of-Care Medical Management in the Treatment of Subjects with Severe Emphysema (ELEVATE). Respiration, 2019, 98, 512-520.	1.2	12
69	Endobronchial coils for emphysema: Dual mechanism of action on lobar residual volume reduction. Respirology, 2020, 25, 1160-1166.	1.3	12
70	New bronchoscopic treatment modalities for patients with chronic bronchitis. European Respiratory Review, 2021, 30, 200281.	3.0	12
71	Antimuscarinic Bronchodilator Response Retained after Bronchoscopic Vagal Denervation in Chronic Obstructive Pulmonary Disease Patients. Respiration, 2016, 92, 58-60.	1.2	11
72	Lung volume reduction with endobronchial coils for patients with emphysema. Journal of Thoracic Disease, 2018, 10, S2797-S2805.	0.6	11

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73	Daily physical activity after bronchoscopic lung volume reduction: a pilot study: Table 1â€“. European Respiratory Journal, 2012, 40, 1566-1567.	3.1	10
74	A Prospective Safety and Feasibility Study of Metered CryoSpray (MCS) for Patients with Chronic Bronchitis in COPD. European Respiratory Journal, 2020, 56, 2000556.	3.1	10
75	Endobronchial Coil System versus Standard-of-Care Medical Management in the Treatment of Subjects with Severe Emphysema. Respiration, 2021, 100, 804-810.	1.2	10
76	CT-derived muscle remodelling after bronchoscopic lung volume reduction in advanced emphysema. Thorax, 2019, 74, 206-207.	2.7	9
77	From Bench to Bedside: Implementation of Endobronchial Valve Treatment for Patients with Advanced Emphysema in Routine Clinical Care. Respiration, 2020, 99, 187-188.	1.2	9
78	Safety of denervation following targeted lung denervation therapy for COPD: AIRFLOW-1 3-year outcomes. Respiratory Research, 2021, 22, 62.	1.4	9
79	Measuring pulmonary function in COPD using quantitative chest computed tomography analysis. European Respiratory Review, 2021, 30, 210031.	3.0	9
80	Bronchoscopic Targeted Lung Denervation in Patients with Severe Asthma: Preliminary Findings. Respiration, 2022, 101, 184-189.	1.2	9
81	Emphysema!. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 197-197.	2.5	8
82	The Safety and Feasibility of Re-treating Patients with Severe Emphysema with Endobronchial Coils: A Pilot Study. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2017, 14, 339-343.	0.7	8
83	Collateral Ventilation: Friend or Foe in Patients with Severe Emphysema. Respiration, 2017, 93, 232-233.	1.2	8
84	First in Human Experience of the Performance of the New 5.5-LP Size Zephyr Endobronchial Valve. Respiration, 2020, 99, 50-55.	1.2	8
85	Lung volume reduction with endobronchial valves in patients with emphysema. Expert Review of Medical Devices, 2018, 15, 847-857.	1.4	7
86	Airway granulation response to lung-implantable medical devices: a concise overview. European Respiratory Review, 2021, 30, 210066.	3.0	7
87	The cellular composition of the lung lining fluid gradually changes from bronchus to alveolus. Respiratory Research, 2021, 22, 285.	1.4	7
88	Crosslink bio-adhesives for bronchoscopic lung volume reduction: current status and future direction. European Respiratory Review, 2021, 30, 210142.	3.0	7
89	A new functional method to choose the target lobe for lung volume reduction in emphysema – comparison with the conventional densitometric method. International Journal of COPD, 2017, Volume 12, 2621-2628.	0.9	6
90	Patient Satisfaction and Attainment of Patient-Specific Goals after Endobronchial Valve Treatment. Annals of the American Thoracic Society, 2021, 18, 68-74.	1.5	6

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91	Endobronchial Valve (Zephyr) Treatment in Homogeneous Emphysema: One-Year Results from the IMPACT Randomized Clinical Trial. Respiration, 2021, 100, 1174-1185.	1.2	6
92	Bronchoscopic Lung Volume Reduction Coil Treatment for Severe Emphysema: A Systematic Review and Meta-Analysis of Individual Participant Data. Respiration, 2022, 101, 697-705.	1.2	6
93	Lung volume reduction for emphysema â€“ Authors' reply. Lancet Respiratory Medicine,the, 2017, 5, e24.	5.2	5
94	Endobronchial valves for emphysema: an individual patient-level reanalysis of randomised controlled trials. BMJ Open Respiratory Research, 2017, 4, e000214.	1.2	5
95	Bronchoscopic Lung Volume Reduction Treatment Using Endobronchial Valves for Emphysema: Emerging Questions. Respiration, 2018, 96, 588-589.	1.2	5
96	The effects of lung volume reduction treatment on diffusing capacity and gas exchange. European Respiratory Review, 2020, 29, 190171.	3.0	5
97	Identifying Responders and Exploring Mechanisms of Action of the Endobronchial Coil Treatment for Emphysema. Respiration, 2021, 100, 443-451.	1.2	5
98	HRCT characteristics of severe emphysema patients: Interobserver variability among expert readers and comparison with quantitative software. European Journal of Radiology, 2021, 136, 109561.	1.2	5
99	Response to Endobronchial Valve Treatment in Emphysema Patients With Moderate Hyperinflation. Journal of Bronchology and Interventional Pulmonology, 2021, 28, e14-e17.	0.8	5
100	Identification of damage associated molecular patterns and extracellular matrix proteins as major constituents of the surface proteome of lung implantable silicone/nitinol devices. Acta Biomaterialia, 2022, 141, 209-218.	4.1	5
101	Bronchoscopic Lung Volume Reduction for Emphysema: Review and Update. Seminars in Respiratory and Critical Care Medicine, 2022, 43, 541-551.	0.8	5
102	A narrow escape: surviving massive pulmonary thromboembolism due to a persistently patent foramen ovale. Intensive Care Medicine, 2000, 26, 1400-1400.	3.9	4
103	Go with the Flow: The Importance of the Assessment of Collateral Ventilation in Endobronchial Valve Treatment. Respiration, 2016, 91, 269-270.	1.2	4
104	Endobronchial Coils Versus Lung Volume Reduction Surgery or Medical Therapy for Treatment of Advanced Homogenous Emphysema. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2018, 5, 87-96.	0.5	4
105	Determining Static Hyperinflation in Patients with Severe Emphysema: Relation Between Lung Function Parameters and Patient-Related Outcomes. Lung, 2020, 198, 629-636.	1.4	4
106	Change in Dynamic Hyperinflation After Bronchoscopic Lung Volume Reduction in Patients with Emphysema. Lung, 2020, 198, 795-801.	1.4	4
107	An adjusted and time-saving method to measure collateral ventilation with Chartis. ERJ Open Research, 2021, 7, 00191-2021.	1.1	4
108	Evaluation of spirometry-gated computed tomography to measure lung volumes in emphysema patients. ERJ Open Research, 2022, 8, 00492-2021.	1.1	4

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109	Patientâ€specific goals significantly improve after endobronchial coil treatment in patients with severe emphysema. Clinical Respiratory Journal, 2018, 12, 2157-2158.	0.6	3
110	Adoption Patterns of Bronchoscopic Lung Volume Reduction Procedures in Germany and Predicted Procedure Volumes for Other European Countries. Respiration, 2019, 97, 34-41.	1.2	3
111	A New Oxygen Uptake Measurement Supporting Target Selection for Endobronchial Valve Treatment. Respiration, 2019, 98, 521-526.	1.2	3
112	CT-Derived Pulmonary Artery Diameters to Preselect for Echocardiography in COPD Patients Eligible for Bronchoscopic Treatments. Respiration, 2020, 99, 846-852.	1.2	2
113	Temporary Right Middle Lobe Occlusion with a Blocking Device to Enable Collateral Ventilation Measurement of the Right Major Fissure. Respiration, 2020, 99, 516-520.	1.2	2
114	Comparison of Multiple Diagnostic Tests to Measure Dynamic Hyperinflation in Patients with Severe Emphysema Treated with Endobronchial Coils. Lung, 2021, 199, 195-198.	1.4	2
115	Dual-Energy Computed Tomography Compared to Lung Perfusion Scintigraphy to Assess Pulmonary Perfusion in Patients Screened for Endoscopic Lung Volume Reduction. Respiration, 2021, 100, 1186-1195.	1.2	2
116	Bronchoscopic lung volume reduction. , 0, , 276-293.		2
117	Endobronchial mucosal blanching due to a post-lung transplantation pulmonary artery stenosis. European Journal of Cardio-thoracic Surgery, 2011, 39, e27-e28.	0.6	1
118	Air Trapping in Emphysema. American Journal of Respiratory and Critical Care Medicine, 2015, 192, e45-e45.	2.5	1
119	Another STEP forward in emphysema treatment. Lancet Respiratory Medicine,the, 2016, 4, 166-167.	5.2	1
120	The Fat Lady Sings Again. Respiration, 2017, 94, 488-490.	1.2	1
121	Significant Differences in Body Plethysmography Measurements Between Hospitals in Patients Referred for Bronchoscopic Lung Volume Reduction. Lung, 2019, 197, 573-576.	1.4	1
122	Effect of Bronchoscopic Lung Volume Reduction in Advanced Emphysema on Energy Balance Regulation. Respiration, 2021, , 1-8.	1.2	1
123	Lung volume reduction in real clinical practice. ERJ Open Research, 2021, 7, 00258-2021.	1.1	1
124	Biodegradable Stent Placement for Airway Kinking After Bronchoscopic Lung Volume Reduction Treatment. Annals of Thoracic Surgery, 2022, 113, e375-e377.	0.7	1
125	Rate of lung function decline slows in the 3 years after targeted lung denervation in COPD. Respiratory Medicine, 2021, 188, 106604.	1.3	1
126	CT-approximated perfusion is comparable to nuclear perfusion imaging. , 2020, , .		1

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127	Minimal important difference of change in patient-specific goals in severe emphysema patients. ERJ Open Research, 2020, 6, 00459-2020.	1.1	1
128	Emerging Techniques in the World of Respiratory Imaging. Respiration, 2020, 99, 97-98.	1.2	0