

Jens SpiesshÄfer

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

1,173
citations

567144

15
h-index

414303

32
g-index

85
all docs

85
docs citations

85
times ranked

1424
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Echocardiographic Biventricular Coupling Index to Predict Precapillary Pulmonary Hypertension. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 715-726. | 1.2 | 6 |
| 2 | Central Apneas Are More Detrimental in Female Than in Male Patients With Heart Failure. <i>Journal of the American Heart Association</i> , 2022, 11, e024103. | 1.6 | 7 |
| 3 | Response to the Letter: Sleep-Disordered Breathing in Precapillary Pulmonary Hypertension: Is the Prevalence So High? Reference Article: Sleep-Disordered Breathing and Nocturnal Hypoxemia in Precapillary Pulmonary Hypertension: Prevalence, Pathophysiological Determinants and Clinical Consequences by Zheng Z et al., <i>Respiration</i> , 2022, 101, 433-435. | 1.2 | 1 |
| 4 | Efficacy and Safety of ELOM-080 as Add-On Therapy in COVID-19 Patients with Acute Respiratory Insufficiency: Exploratory Data from the Prospective Placebo-Controlled COVARI Trial. <i>Advances in Therapy</i> , 2022, , 1. | 1.3 | 0 |
| 5 | Diaphragm dysfunction as a potential determinant of dyspnea on exertion in patients 1Åyear after COVID-19-related ARDS. <i>Respiratory Research</i> , 2022, 23, . | 1.4 | 17 |
| 6 | Response to: Low molecular weight guluronate: A potential therapies for inspiratory muscle dysfunction and restrictive lung function impairment in congenital heart disease by Guiyuan He, Ruiting Zhou, Tingyuan Huang, Fanjun Zeng. <i>International Journal of Cardiology</i> , 2022, 363, 40. | 0.8 | 0 |
| 7 | Effects of nasal high flow on nocturnal hypercapnia, sleep, and sympathovagal balance in patients with neuromuscular disorders. <i>Sleep and Breathing</i> , 2021, 25, 1441-1451. | 0.9 | 4 |
| 8 | Heart Failure Results in Inspiratory Muscle Dysfunction Irrespective of Left Ventricular Ejection Fraction. <i>Respiration</i> , 2021, 100, 96-108. | 1.2 | 9 |
| 9 | Use of hypocapnia for improved risk stratification in pulmonary arterial hypertension: should we return to respiratory pathophysiology?. <i>International Journal of Cardiology</i> , 2021, 329, 208. | 0.8 | 0 |
| 10 | Effects of central apneas on sympathovagal balance and hemodynamics at night: impact of underlying systolic heart failure. <i>Sleep and Breathing</i> , 2021, 25, 965-977. | 0.9 | 4 |
| 11 | Effects of nasal high flow on sympathovagal balance, sleep, and sleep-related breathing in patients with precapillary pulmonary hypertension. <i>Sleep and Breathing</i> , 2021, 25, 705-717. | 0.9 | 2 |
| 12 | Sleep â€“ the yet underappreciated player in cardiovascular diseases: A clinical review from the German Cardiac Society Working Group on Sleep Disordered Breathing. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 189-200. | 0.8 | 29 |
| 13 | Sleep-Disordered Breathing and Nocturnal Hypoxemia in Precapillary Pulmonary Hypertension: Prevalence, Pathophysiological Determinants, and Clinical Consequences. <i>Respiration</i> , 2021, 100, 865-876. | 1.2 | 15 |
| 14 | Sex-related differences in daytime Cheyne-Stokes respiration in heart failure. , 2021, , . | | 0 |
| 15 | Sacubitrilâ€“valsartan treatment is associated with decrease in central apneas in patients with heart failure with reduced ejection fraction. <i>International Journal of Cardiology</i> , 2021, 330, 112-119. | 0.8 | 14 |
| 16 | Novel Drug Targets for Central Apneas in Heart Failure: On the Road. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 490-491. | 2.5 | 0 |
| 17 | Respiratory Muscle Function Tests and Diaphragm Ultrasound Predict Nocturnal Hypoventilation in Slowly Progressive Myopathies. <i>Frontiers in Neurology</i> , 2021, 12, 731865. | 1.1 | 8 |
| 18 | Successful treatment of prolonged COVID-19 with Bamlanivimab in a patient with severe B-Cell aplasia due to treatment with an anti-CD20 monoclonal antibody: A case report. <i>Respiratory Medicine Case Reports</i> , 2021, 34, 101560. | 0.2 | 7 |

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|----|---|-----|-----------|
| 19 | 297â€fEchocardiographic biventricular coupling index to predict pre-capillary pulmonary hypertension. <i>European Heart Journal Supplements</i> , 2021, 23, . | 0.0 | 0 |
| 20 | APAP therapy does not improve impaired sleep quality and sympatho-vagal balance: a randomized trial in patients with obstructive sleep apnea and systolic heart failure. <i>Sleep and Breathing</i> , 2020, 24, 211-219. | 0.9 | 10 |
| 21 | Validity of transit timeâ€based blood pressure measurements in patients with and without heart failure or pulmonary arterial hypertension across different breathing maneuvers. <i>Sleep and Breathing</i> , 2020, 24, 221-230. | 0.9 | 5 |
| 22 | Sleep duration and architecture during ASV for central sleep apnoea in systolic heart failure. <i>Respiratory Physiology and Neurobiology</i> , 2020, 271, 103286. | 0.7 | 19 |
| 23 | Response to: Respiratory muscle dysfunction in facioscapulohumeral muscular dystrophy. Letter to the editorâ€reference article: sleep-related breathing disorders in facioscapulohumeral dystrophy (https://doi.org/10.1007/s11325-019-01843-1) by Santos DB et al.. <i>Sleep and Breathing</i> , 2020, 24, 675-676. | 0.9 | 1 |
| 24 | Characteristics of respiratory muscle involvement in myotonic dystrophy type 1. <i>Neuromuscular Disorders</i> , 2020, 30, 17-27. | 0.3 | 19 |
| 25 | Respiratory Muscle and Lung Function in Lung Allograft Recipients: Association with Exercise Intolerance. <i>Respiration</i> , 2020, 99, 398-408. | 1.2 | 12 |
| 26 | Evaluation of Respiratory Muscle Strength and Diaphragm Ultrasound: Normative Values, Theoretical Considerations, and Practical Recommendations. <i>Respiration</i> , 2020, 99, 369-381. | 1.2 | 47 |
| 27 | Impact of Lifestyle on Sleep. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1000-1002. | 1.2 | 3 |
| 28 | Inspiratory muscle dysfunction and restrictive lung function impairment in congenital heart disease: Association with immune inflammatory response and exercise intolerance. <i>International Journal of Cardiology</i> , 2020, 318, 45-51. | 0.8 | 15 |
| 29 | Adaptive servo-ventilation therapy does not favourably alter sympatho-vagal balance in sleeping patients with systolic heart failure and central apnoeas: Preliminary data. <i>International Journal of Cardiology</i> , 2020, 315, 59-66. | 0.8 | 10 |
| 30 | Noninvasive Prediction of Twitch Transdiaphragmatic Pressure: Insights from Spirometry, Diaphragm Ultrasound, and Phrenic Nerve Stimulation Studies. <i>Respiration</i> , 2019, 98, 301-311. | 1.2 | 12 |
| 31 | Phrenic nerve involvement and respiratory muscle weakness in patients with Charcotâ€Marieâ€Tooth disease 1A. <i>Journal of the Peripheral Nervous System</i> , 2019, 24, 283-293. | 1.4 | 18 |
| 32 | Diaphragm function does not independently predict exercise intolerance in patients with precapillary pulmonary hypertension after adjustment for right ventricular function. <i>Bioscience Reports</i> , 2019, 39, . | 1.1 | 8 |
| 33 | The nature of respiratory muscle weakness in patients with late-onset Pompe disease. <i>Neuromuscular Disorders</i> , 2019, 29, 618-627. | 0.3 | 26 |
| 34 | Respiratory muscle weakness in facioscapulohumeral muscular dystrophy. <i>Muscle and Nerve</i> , 2019, 60, 679-686. | 1.0 | 28 |
| 35 | Impact of Simulated Hyperventilation and Periodic Breathing on Sympatho-Vagal Balance and Hemodynamics in Patients with and without Heart Failure. <i>Respiration</i> , 2019, 98, 482-494. | 1.2 | 8 |
| 36 | Assessment of Central Drive to the Diaphragm by Twitch Interpolation: Normal Values, Theoretical Considerations, and Future Directions. <i>Respiration</i> , 2019, 98, 283-293. | 1.2 | 6 |

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|----|--|-----|-----------|
| 37 | Reduction of sleep-disordered breathing following effective percutaneous mitral valve repair with the MitraClip system. <i>Sleep and Breathing</i> , 2019, 23, 815-824. | 0.9 | 12 |
| 38 | 270Relationship between exercise capacity and LV mechanics in patients with precapillary pulmonary hypertension-a regadenoson hyperemic-stress CMR study. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, . | 0.5 | 0 |
| 39 | Cheyne-Stokes respiration in heart failure: Only provocative pathophysiology will provide new insights!. <i>International Journal of Cardiology</i> , 2019, 289, 99-100. | 0.8 | 2 |
| 40 | Sleep-related breathing disorders in facioscapulohumeral dystrophy. <i>Sleep and Breathing</i> , 2019, 23, 899-906. | 0.9 | 21 |
| 41 | Transdiaphragmatic pressure and contractile properties of the diaphragm following magnetic stimulation. <i>Respiratory Physiology and Neurobiology</i> , 2019, 266, 47-53. | 0.7 | 15 |
| 42 | Sleep-disordered breathing and effects of non-invasive ventilation on objective sleep and nocturnal respiration in patients with myotonic dystrophy type I. <i>Neuromuscular Disorders</i> , 2019, 29, 302-309. | 0.3 | 28 |
| 43 | P2625Pathophysiology of diaphragm involvement in systolic heart failure: insights from diaphragm ultrasound and phrenic nerve stimulation studies. <i>European Heart Journal</i> , 2019, 40, . | 1.0 | 0 |
| 44 | Diaphragm Involvement in Heart Failure: Mere Consequence of Hypoperfusion or Mediated by HF-Related Pro-inflammatory Cytokine Storms?. <i>Frontiers in Physiology</i> , 2019, 10, 1335. | 1.3 | 9 |
| 45 | P4520APAP therapy does not improve impaired sleep quality and sympatho-vagal balance: a randomized trial in patients with obstructive sleep apnea and systolic heart failure. <i>European Heart Journal</i> , 2019, 40, . | 1.0 | 0 |
| 46 | Electrophysiological Properties of the Human Diaphragm Assessed by Magnetic Phrenic Nerve Stimulation: Normal Values and Theoretical Considerations in Healthy Adults. <i>Journal of Clinical Neurophysiology</i> , 2019, 36, 375-384. | 0.9 | 11 |
| 47 | Transdiaphragmatic pressure and contractile properties of the human diaphragm following standardized magnetic stimulation. , 2019, , . | | 0 |
| 48 | Idiopathic central sleep apnea: friend or foe of autonomic nervous system function in neurology?. , 2019, , . | | 0 |
| 49 | Diaphragm ultrasound and measures of respiratory muscle strength in healthy subjects: normal values, theoretical considerations and practical recommendations. , 2019, , . | | 0 |
| 50 | Impact of voluntary periodic breathing on hemodynamics and autonomic nervous system function in patients with and without heart failure. , 2019, , . | | 0 |
| 51 | Sleep-disordered breathing in facio-scapulo-humeral dystrophy: A case-control study. , 2019, , . | | 0 |
| 52 | Pathophysiology of diaphragm involvement in myotonic dystrophy type 1: insights from phrenic nerve stimulation studies and diaphragm ultrasound. , 2019, , . | | 0 |
| 53 | Diaphragm involvement in Facioscapulohumeral dystrophy: insights from phrenic nerve stimulation studies. , 2019, , . | | 1 |
| 54 | Mask based therapy of central sleep apnea to elicit neutral effects on sympathetic nerve activity in systolic heart failure patients at night. , 2019, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Impact of non-invasive ventilation on objective sleep and nocturnal respiration in patients with type I myotonic dystrophy. , 2019, , . | | 0 |
| 56 | Validity of pulse-transit-time based blood pressure measurements in patients with and without heart failure across different breathing maneuvers. , 2019, , . | | 0 |
| 57 | Diaphragm involvement in hereditary motor and sensory neuropathy type IA: insights from diaphragm ultrasound and phrenic nerve stimulation studies. , 2019, , . | | 0 |
| 58 | Inspiratory muscle dysfunction relates to clinical disease severity in patients with type I myotonic dystrophy. , 2019, , . | | 1 |
| 59 | Inspiratory and expiratory muscle weakness in facioscapulohumeral muscular dystrophy. , 2019, , . | | 0 |
| 60 | Assessment of Central Drive to the Diaphragm by Twitch Interpolation: Normal Values, Theoretical Considerations and Future Directions. , 2019, , . | | 0 |
| 61 | Microstructural cerebral lesions are associated with the severity of central sleep apnea with Cheyne-Stokes-respiration in heart failure and are modified by PAP-therapy. Respiratory Physiology and Neurobiology, 2018, 247, 181-187. | 0.7 | 3 |
| 62 | Effect of Atrial Fibrillation and Mitral Valve Gradients on Response to Percutaneous Mitral Valve Repair With the MitraClip System. American Journal of Cardiology, 2018, 122, 1371-1378. | 0.7 | 8 |
| 63 | Sleep duration and quality in heart failure patients. Sleep and Breathing, 2017, 21, 919-927. | 0.9 | 22 |
| 64 | The prognostic significance of serum sodium in a population undergoing cardiac resynchronisation therapy. Indian Heart Journal, 2017, 69, 613-618. | 0.2 | 2 |
| 65 | SLEEP DURATION AND QUALITY IN HEART FAILURE PATIENTS. Journal of the American College of Cardiology, 2017, 69, 944. | 1.2 | 0 |
| 66 | Mortality in pulmonary arterial hypertension: prediction by the 2015 European pulmonary hypertension guidelines risk stratification model. European Respiratory Journal, 2017, 50, 1700740. | 3.1 | 489 |
| 67 | Improvements of central respiratory events, Cheyne-Stokes respiration and oxygenation in patients hospitalized for acute decompensated heart failure. Sleep Medicine, 2016, 27-28, 15-19. | 0.8 | 14 |
| 68 | Acute improvement of pulmonary hemodynamics does not alleviate Cheyne-Stokes respiration in chronic heart failure—a randomized, controlled, double-blind, crossover trial. Sleep and Breathing, 2016, 20, 795-804. | 0.9 | 9 |
| 69 | Impact of SERVE-HF on management of sleep disordered breathing in heart failure: a call for further studies. Clinical Research in Cardiology, 2016, 105, 563-570. | 1.5 | 37 |
| 70 | Heterogenous haemodynamic effects of adaptive servoventilation therapy in sleeping patients with heart failure and Cheyne-Stokes respiration compared to healthy volunteers. Heart and Vessels, 2016, 31, 1117-1130. | 0.5 | 25 |
| 71 | Quadrupolar left ventricular leads should be the gold standard in CRT due to efficacy and cost effectiveness: an analysis from a multi-centre UK registry Cardiac computed tomography is a feasible imaging modality for pre procedural planning in patients undergoing upgrade from pacemakers to CRT Derivation and external validation of a cardiac resynchronization therapy response score Generation and validation of transformation coefficients to reconstruct 12-lead electrocardiograms from Europace, 2015, 17, v10-v13. | 0.7 | 1 |
| 72 | Respiratory Effects of Adaptive Servoventilation Therapy in Patients with Heart Failure and Cheyne-Stokes Respiration Compared to Healthy Volunteers. Respiration, 2015, 89, 374-382. | 1.2 | 9 |

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|----|---|-----|-----------|
| 73 | Cheyne-Stokes respiration in heart failure: friend or foe? Hemodynamic effects of hyperventilation in heart failure patients and healthy volunteers. <i>Clinical Research in Cardiology</i> , 2015, 104, 328-333. | 1.5 | 37 |
| 74 | Performance of conventional and enhanced adaptive servoventilation (ASV) in heart failure patients with central sleep apnea who have adapted to conventional ASV. <i>Sleep and Breathing</i> , 2015, 19, 795-800. | 0.9 | 17 |
| 75 | Implications of revised AASM rules on scoring apneic and hypopneic respiratory events in patients with heart failure with nocturnal Cheyne-Stokes respiration. <i>Sleep and Breathing</i> , 2015, 19, 489-494. | 0.9 | 7 |
| 76 | Validation of blood pressure monitoring using pulse transit time in heart failure patients with Cheyne-Stokes respiration undergoing adaptive servoventilation therapy. <i>Sleep and Breathing</i> , 2014, 18, 411-421. | 0.9 | 10 |
| 77 | Influence of adaptive servoventilation therapy on pCO ₂ levels in heart failure patients with Cheyne-Stokes respiration and healthy volunteers. <i>European Heart Journal</i> , 2013, 34, P2491-P2491. | 1.0 | 0 |
| 78 | Diaphragm Dysfunction as a Determinant of Persisting Dyspnoea in Patients One Year after Invasive Mechanical Ventilation Due to COVID-19 Related ARDS. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 79 | Sympathetic and Vagal Nerve Activity in COPD: Pathophysiology, Presumed Determinants and Underappreciated Therapeutic Potential. <i>Frontiers in Physiology</i> , 0, 13, . | 1.3 | 6 |