

Shigeo Muro

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

3,345
citations

218677

26
h-index

149698

56
g-index

90
all docs

90
docs citations

90
times ranked

3924
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Prospective nationwide multicentre cohort study of the clinical significance of autoimmune features in idiopathic interstitial pneumonias. <i>Thorax</i> , 2022, 77, 143-153. | 5.6 | 9 |
| 2 | Duodenal Metastasis of Pulmonary Pleomorphic Carcinoma: A Case Report. <i>Case Reports in Oncology</i> , 2022, 14, 1511-1515. | 0.7 | 3 |
| 3 | Gender Differences in Smoking Initiation and Cessation Associated with the Intergenerational Transfer of Smoking across Three Generations: The Nagahama Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1511. | 2.6 | 2 |
| 4 | Improvement of peripheral neuropathy in a patient with antineutrophil cytoplasmic antibody-negative eosinophilic granulomatosis with polyangiitis by additional mepolizumab. <i>Allergy, Asthma and Clinical Immunology</i> , 2022, 18, 14. | 2.0 | 4 |
| 5 | The balance of comprehensive coagulation and fibrinolytic potential is disrupted in patients with moderate to severe COVID-19. <i>International Journal of Hematology</i> , 2022, 115, 826-837. | 1.6 | 10 |
| 6 | Sjögren's Syndrome Complicated With Sarcoidosis With a Repetitive, Prolonged, Non-productive Cough. <i>Cureus</i> , 2022, 14, e22827. | 0.5 | 0 |
| 7 | Electroencephalographic findings after convulsive seizures due to cerebral arterial air embolism secondary to lung cancer: a case report. <i>Journal of Medical Case Reports</i> , 2022, 16, 137. | 0.8 | 0 |
| 8 | Physiological Impairments on Respiratory Oscillometry and Future Exacerbations in Chronic Obstructive Pulmonary Disease Patients without a History of Frequent Exacerbations. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2022, 19, 149-157. | 1.6 | 1 |
| 9 | A rare case of urachal carcinoma with multiple lung metastasis that required differentiation from primary lung carcinoma. <i>Respirology Case Reports</i> , 2022, 10, e0890. | 0.6 | 2 |
| 10 | Tocilizumab and Baricitinib for Recovery From Acute Exacerbation of Combined Pulmonary Fibrosis and Emphysema Secondary to COVID-19 Infection: A Case Report. <i>Cureus</i> , 2022, 14, e23411. | 0.5 | 1 |
| 11 | Quantitative computed tomography-based evaluation of skeletal muscle and presence of sarcopenia in patients with chronic obstructive pulmonary disease. <i>Respiratory Investigation</i> , 2022, , . | 1.8 | 0 |
| 12 | 0757 Cluster Analysis for Identifying Good CPAP Adherence Using the PSG Parameters and Patient Characteristics. <i>Sleep</i> , 2022, 45, A329-A330. | 1.1 | 0 |
| 13 | The prevalence and physiological impacts of centrilobular and paraseptal emphysema on computed tomography in smokers with preserved ratio impaired spirometry. <i>ERJ Open Research</i> , 2022, 8, 00063-2022. | 2.6 | 8 |
| 14 | Non-respiratory symptom dominance is associated with depression in patients with chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2022, , 106895. | 2.9 | 1 |
| 15 | Associations of CT evaluations of antigravity muscles, emphysema and airway disease with longitudinal outcomes in patients with COPD. <i>Thorax</i> , 2021, 76, 295-297. | 5.6 | 16 |
| 16 | Potential patient screening for late-onset Pompe disease in suspected sleep apnea: a rationale and study design for a Prospective Multicenter Observational Cohort Study in Japan (PSSAP-J Study). <i>Sleep and Breathing</i> , 2021, 25, 695-704. | 1.7 | 1 |
| 17 | Gastroesophageal reflux disease is a risk factor for sputum production in the general population: the Nagahama study. <i>Respiratory Research</i> , 2021, 22, 6. | 3.6 | 3 |
| 18 | Remarkable response of non-small cell lung cancer to nintedanib treatment in a patient with idiopathic pulmonary fibrosis. <i>Thoracic Cancer</i> , 2021, 12, 1457-1460. | 1.9 | 12 |

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|----|--|-----|-----------|
| 19 | Assessment of the rapid effect of dupilumab in two cases of severe asthma comorbid with recurrent eosinophilic chronic rhinosinusitis after endoscopic sinus surgery. <i>Respirology Case Reports</i> , 2021, 9, e00804. | 0.6 | 0 |
| 20 | Efficacy of budesonide/glycopyrronium/formoterol metered dose inhaler in patients with COPD: post-hoc analysis from the KRONOS study excluding patients with airway reversibility and high eosinophil counts. <i>Respiratory Research</i> , 2021, 22, 187. | 3.6 | 8 |
| 21 | Real-world effectiveness of early intervention with fixed-dose tiotropium/olodaterol vs tiotropium in Japanese patients with COPD: a high-dimensional propensity score-matched cohort analysis. <i>Respiratory Research</i> , 2021, 22, 180. | 3.6 | 4 |
| 22 | Machine Learning Methods for the Diagnosis of Chronic Obstructive Pulmonary Disease in Healthy Subjects: Retrospective Observational Cohort Study. <i>JMIR Medical Informatics</i> , 2021, 9, e24796. | 2.6 | 12 |
| 23 | Resting Breathing Instability During Wakefulness as a Predictor of Clinical Outcome in COPD. <i>Respiratory Care</i> , 2021, 66, 1477-1484. | 1.6 | 0 |
| 24 | CONQUEST Quality Standards: For the Collaboration on Quality Improvement Initiative for Achieving Excellence in Standards of COPD Care. <i>International Journal of COPD</i> , 2021, Volume 16, 2301-2322. | 2.3 | 9 |
| 25 | Adrenal insufficiency in immunochemotherapy for small-cell lung cancer with ectopic ACTH syndrome. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2021, 2021, . | 0.5 | 1 |
| 26 | Chondroitin sulfate in tissue remodeling: Therapeutic implications for pulmonary fibrosis. <i>Respiratory Investigation</i> , 2021, 59, 576-588. | 1.8 | 7 |
| 27 | Fractal dimension in CT low attenuation areas is predictive of long-term oxygen therapy initiation in COPD patients: Results from two observational cohort studies. <i>Respiratory Investigation</i> , 2021, 60, 137-137. | 1.8 | 0 |
| 28 | Redox Regulation in Aging Lungs and Therapeutic Implications of Antioxidants in COPD. <i>Antioxidants</i> , 2021, 10, 1429. | 5.1 | 9 |
| 29 | Endovascular therapy for cerebral infarction due to Trousseau syndrome in a patient with non-small cell lung cancer. <i>Respiratory Medicine Case Reports</i> , 2021, 34, 101531. | 0.4 | 3 |
| 30 | A case of diffuse aspiration bronchiolitis due to oesophageal stenosis after radiation therapy. <i>Respirology Case Reports</i> , 2021, 9, e0855. | 0.6 | 0 |
| 31 | Human Adipose-Derived Mesenchymal Stem Cells Ameliorate Elastase-Induced Emphysema in Mice by Mesenchymal-Epithelial Transition. <i>International Journal of COPD</i> , 2021, Volume 16, 2783-2793. | 2.3 | 6 |
| 32 | Survival impact of treatment for chronic obstructive pulmonary disease in patients with advanced non-small-cell lung cancer. <i>Scientific Reports</i> , 2021, 11, 23677. | 3.3 | 12 |
| 33 | Correlation between eosinophil count, its genetic background and body mass index: The Nagahama Study. <i>Allergology International</i> , 2020, 69, 46-52. | 3.3 | 35 |
| 34 | Indacaterol/glycopyrronium versus tiotropium or glycopyrronium in long-acting bronchodilator-naïve COPD patients: A pooled analysis. <i>Respirology</i> , 2020, 25, 393-400. | 2.3 | 13 |
| 35 | Per cent low attenuation volume and fractal dimension of low attenuation clusters on CT predict different long-term outcomes in COPD. <i>Thorax</i> , 2020, 75, 116-122. | 5.6 | 21 |
| 36 | Loeys-Dietz Syndrome Presenting with Giant Bullae and Asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2058-2059. | 3.8 | 2 |

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|----|--|-----|-----------|
| 37 | Disproportionally Impaired Diffusion Capacity Relative to Airflow Limitation in COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2020, 17, 627-634. | 1.6 | 3 |
| 38 | Low serum free light chain is associated with risk of COPD exacerbation. <i>ERJ Open Research</i> , 2020, 6, 00288-2019. | 2.6 | 4 |
| 39 | Serine Protease Imbalance in the Small Airways and Development of Centrilobular Emphysema in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 67-78. | 2.9 | 20 |
| 40 | Accelerated Loss of Antigravity Muscles Is Associated with Mortality in Patients with COPD. <i>Respiration</i> , 2020, 99, 298-306. | 2.6 | 20 |
| 41 | The Concavity of the Maximal Expiratory Flow–Volume Curve Reflects the Extent of Emphysema in Obstructive Lung Diseases. <i>Scientific Reports</i> , 2019, 9, 13159. | 3.3 | 4 |
| 42 | Relationship Between Intermittent Hypoxia and Type 2 Diabetes in Sleep Apnea Syndrome. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4756. | 4.1 | 34 |
| 43 | Associations of airway tree to lung volume ratio on computed tomography with lung function and symptoms in chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2019, 20, 77. | 3.6 | 30 |
| 44 | Perspectives on End-of-Life Treatment among Patients with COPD: A Multicenter, Cross-sectional Study in Japan. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2019, 16, 75-81. | 1.6 | 7 |
| 45 | Regional lung deflation with increased airway volume underlies the functional response to bronchodilators in chronic obstructive pulmonary disease. <i>Physiological Reports</i> , 2019, 7, e14330. | 1.7 | 4 |
| 46 | Annual decline in arterial blood oxygen predicts development of chronic respiratory failure in COPD with mild hypoxaemia: A 6-year follow-up study. <i>Respirology</i> , 2019, 24, 262-269. | 2.3 | 8 |
| 47 | CT Imaging-Based Low-Attenuation Super Clusters in Three Dimensions and the Progression of Emphysema. <i>Chest</i> , 2019, 155, 79-87. | 0.8 | 14 |
| 48 | Gastroesophageal reflux symptoms and nasal symptoms affect the severity of bronchitis symptoms in patients with chronic obstructive pulmonary disease. <i>Respiratory Investigation</i> , 2018, 56, 230-237. | 1.8 | 14 |
| 49 | Interdependence of physical inactivity, loss of muscle mass and low dietary intake: Extrapulmonary manifestations in older chronic obstructive pulmonary disease patients. <i>Geriatrics and Gerontology International</i> , 2018, 18, 88-94. | 1.5 | 9 |
| 50 | Fractal analysis of low attenuation clusters on computed tomography in chronic obstructive pulmonary disease. <i>BMC Pulmonary Medicine</i> , 2018, 18, 144. | 2.0 | 15 |
| 51 | Effects of acupuncture on nutritional state of patients with stable chronic obstructive pulmonary disease (COPD): re-analysis of COPD acupuncture trial, a randomized controlled trial. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 287. | 3.7 | 21 |
| 52 | Quantitative measurement of airway dimensions using ultra-high resolution computed tomography. <i>Respiratory Investigation</i> , 2018, 56, 489-496. | 1.8 | 31 |
| 53 | Clinical significance of radiological pleuroparenchymal fibroelastosis pattern in interstitial lung disease patients registered for lung transplantation: a retrospective cohort study. <i>Respiratory Research</i> , 2018, 19, 162. | 3.6 | 35 |
| 54 | Complementary regional heterogeneity information from COPD patients obtained using oxygen-enhanced MRI and chest CT. <i>PLoS ONE</i> , 2018, 13, e0203273. | 2.5 | 14 |

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|----|--|------|-----------|
| 55 | Diabetes mellitus and metabolic syndrome in patients with airflow limitation in Japan. <i>Respiratory Investigation</i> , 2018, 56, 203-204. | 1.8 | 0 |
| 56 | Asymmetry in acute exacerbation of idiopathic pulmonary fibrosis. <i>ERJ Open Research</i> , 2017, 3, 00036-2016. | 2.6 | 10 |
| 57 | Long-term expansion of alveolar stem cells derived from human iPS cells in organoids. <i>Nature Methods</i> , 2017, 14, 1097-1106. | 19.0 | 198 |
| 58 | Breathing and swallowing discoordination is associated with frequent exacerbations of COPD. <i>BMJ Open Respiratory Research</i> , 2017, 4, e000202. | 3.0 | 38 |
| 59 | Combined association of clinical and lifestyle factors with non-restorative sleep: The Nagahama Study. <i>PLoS ONE</i> , 2017, 12, e0171849. | 2.5 | 24 |
| 60 | Relationship Among Chlamydia and Mycoplasma Pneumoniae Seropositivity, IKZF1 Genotype and Chronic Obstructive Pulmonary Disease in A General Japanese Population. <i>Medicine (United States)</i> , 2016, 95, e3371. | 1.0 | 15 |
| 61 | Role of mitochondrial hydrogen peroxide induced by intermittent hypoxia in airway epithelial wound repair in vitro. <i>Experimental Cell Research</i> , 2016, 344, 143-151. | 2.6 | 10 |
| 62 | Association of COPD exacerbation frequency with gene expression of pattern recognition receptors in inflammatory cells in induced sputum. <i>Clinical Respiratory Journal</i> , 2016, 10, 11-21. | 1.6 | 50 |
| 63 | Directed Induction of Functional Multi-ciliated Cells in Proximal Airway Epithelial Spheroids from Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2016, 6, 18-25. | 4.8 | 201 |
| 64 | Quantitative Assessment of Erector Spinae Muscles in Patients with Chronic Obstructive Pulmonary Disease. Novel Chest Computed Tomography-derived Index for Prognosis. <i>Annals of the American Thoracic Society</i> , 2016, 13, 334-341. | 3.2 | 142 |
| 65 | 1. COPD and Comorbidities. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2016, 105, 957-962. | 0.0 | 1 |
| 66 | Emphysema and airway disease affect within-breath changes in respiratory resistance in COPD patients. <i>Respirology</i> , 2015, 20, 775-781. | 2.3 | 12 |
| 67 | Matrix metalloproteinase-10: a novel biomarker for idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2015, 16, 120. | 3.6 | 52 |
| 68 | Knee Pain and Low Back Pain Additively Disturb Sleep in the General Population: A Cross-Sectional Analysis of the Nagahama Study. <i>PLoS ONE</i> , 2015, 10, e0140058. | 2.5 | 20 |
| 69 | Longitudinal shape irregularity of airway lumen assessed by CT in patients with bronchial asthma and COPD. <i>Thorax</i> , 2015, 70, 719-724. | 5.6 | 27 |
| 70 | Three missense variants of metabolic syndrome-related genes are associated with alpha-1 antitrypsin levels. <i>Nature Communications</i> , 2015, 6, 7754. | 12.8 | 32 |
| 71 | Effects of Hydrostatic Pressure on Carcinogenic Properties of Epithelia. <i>PLoS ONE</i> , 2015, 10, e0145522. | 2.5 | 6 |
| 72 | Generation of Alveolar Epithelial Spheroids via Isolated Progenitor Cells from Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2014, 3, 394-403. | 4.8 | 260 |

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|----|--|-----|-----------|
| 73 | p38 mitogen-activated protein kinase determines the susceptibility to cigarette smoke-induced emphysema in mice. <i>BMC Pulmonary Medicine</i> , 2014, 14, 79. | 2.0 | 34 |
| 74 | Gastroesophageal Reflux Disease Symptoms and Dietary Behaviors are Significant Correlates of Short Sleep Duration in the General Population: The Nagahama Study. <i>Sleep</i> , 2014, 37, 1809-1815. | 1.1 | 22 |
| 75 | Thioredoxin-1 Protects against Neutrophilic Inflammation and Emphysema Progression in a Mouse Model of Chronic Obstructive Pulmonary Disease Exacerbation. <i>PLoS ONE</i> , 2013, 8, e79016. | 2.5 | 26 |
| 76 | Impact of COPD Exacerbations on Osteoporosis Assessed by Chest CT Scan. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2012, 9, 235-242. | 1.6 | 58 |
| 77 | Smoking attenuates the age-related decrease in IgE levels and maintains eosinophilic inflammation. <i>Clinical and Experimental Allergy</i> , 2012, 43, n/a-n/a. | 2.9 | 34 |
| 78 | Emphysema distribution and annual changes in pulmonary function in male patients with chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2012, 13, 31. | 3.6 | 35 |
| 79 | Emphysema detected on computed tomography and risk of lung cancer: A systematic review and meta-analysis. <i>Lung Cancer</i> , 2012, 77, 58-63. | 2.0 | 92 |
| 80 | Longitudinal Study of Spatially Heterogeneous Emphysema Progression in Current Smokers with Chronic Obstructive Pulmonary Disease. <i>PLoS ONE</i> , 2012, 7, e44993. | 2.5 | 23 |
| 81 | Impact of Exacerbations on Emphysema Progression in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1653-1659. | 5.6 | 153 |
| 82 | CT Scan Findings of Emphysema Predict Mortality in COPD. <i>Chest</i> , 2010, 138, 635-640. | 0.8 | 228 |
| 83 | Thioredoxin-1 Ameliorates Cigarette Smoke-Induced Lung Inflammation and Emphysema in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 325, 380-388. | 2.5 | 78 |
| 84 | Relationship Between Pulmonary Emphysema and Osteoporosis Assessed by CT in Patients With COPD. <i>Chest</i> , 2008, 134, 1244-1249. | 0.8 | 137 |
| 85 | Morphological mechanism of the development of pulmonary emphysema in klotho mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2361-2365. | 7.1 | 64 |
| 86 | Effects of obstructive sleep apnea syndrome on serum aminotransferase levels in obese patients. <i>American Journal of Medicine</i> , 2003, 114, 370-376. | 1.5 | 120 |
| 87 | Computed Tomographic Measurements of Airway Dimensions and Emphysema in Smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 162, 1102-1108. | 5.6 | 637 |
| 88 | CONQUEST: A Quality Improvement Program for Defining and Optimizing Standards of Care for Modifiable High-Risk COPD Patients. <i>Patient Related Outcome Measures</i> , 0, Volume 13, 53-68. | 1.2 | 3 |