Yong Bum Park

List of Publications by Year in descending order

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201575 175177 3,159 124 27 52 citations h-index g-index papers 125 125 125 4436 docs citations times ranked citing authors all docs

#	Article	IF	Citations
1	Xyloglucan and its Interactions with Other Components of the Growing Cell Wall. Plant and Cell Physiology, 2015, 56, 180-194.	1.5	337
2	A Revised Architecture of Primary Cell Walls Based on Biomechanical Changes Induced by Substrate-Specific Endoglucanases Â. Plant Physiology, 2012, 158, 1933-1943.	2.3	331
3	Changes in Cell Wall Biomechanical Properties in the Xyloglucan-Deficient <i>xxt1/xxt2</i> Mutant of Arabidopsis Â. Plant Physiology, 2012, 158, 465-475.	2.3	221
4	Cellulose-Pectin Spatial Contacts Are Inherent to Never-Dried Arabidopsis Primary Cell Walls: Evidence from Solid-State Nuclear Magnetic Resonance. Plant Physiology, 2015, 168, 871-884.	2.3	197
5	Autophagy Primes Neutrophils for Neutrophil Extracellular Trap Formation during Sepsis. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 577-589.	2.5	122
6	Selective Detection of Crystalline Cellulose in Plant Cell Walls with Sum-Frequency-Generation (SFG) Vibration Spectroscopy. Biomacromolecules, 2011, 12, 2434-2439.	2.6	98
7	Serious Asthma Events with Budesonide plus Formoterol vs. Budesonide Alone. New England Journal of Medicine, 2016, 375, 850-860.	13.9	96
8	Probing crystal structure and mesoscale assembly of cellulose microfibrils in plant cell walls, tunicate tests, and bacterial films using vibrational Sum Frequency Generation (SFG) spectroscopy. Physical Chemistry Chemical Physics, 2014, 16, 10844.	1.3	82
9	Cellulose polymorphism study with sum-frequency-generation (SFG) vibration spectroscopy: identification of exocyclic CH2OH conformation and chain orientation. Cellulose, 2013, 20, 991-1000.	2.4	76
10	Quantification of crystalline cellulose in lignocellulosic biomass using sum frequency generation (SFG) vibration spectroscopy and comparison with other analytical methods. Carbohydrate Polymers, 2012, 89, 802-809.	5.1	69
11	Cellulose microfibril orientation in onion (Allium cepa L.) epidermis studied by atomic force microscopy (AFM) and vibrational sum frequency generation (SFG) spectroscopy. Cellulose, 2014, 21, 1075-1086.	2.4	68
12	Characteristics of Patients with Chronic Obstructive Pulmonary Disease at the First Visit to a Pulmonary Medical Center in Korea: The KOrea COpd Subgroup Study Team Cohort. Journal of Korean Medical Science, 2016, 31, 553.	1.1	62
13	Association Between Occupational Dust Exposure and Prognosis of Idiopathic Pulmonary Fibrosis. Chest, 2015, 147, 465-474.	0.4	57
14	Recent Trends in the Prevalence of Chronic Obstructive Pulmonary Disease in Korea. Tuberculosis and Respiratory Diseases, 2017, 80, 226.	0.7	55
15	Comprehensive analysis of cellulose content, crystallinity, and lateral packing in Gossypium hirsutum and Gossypium barbadense cotton fibers using sum frequency generation, infrared and Raman spectroscopy, and X-ray diffraction. Cellulose, 2015, 22, 971-989.	2.4	51
16	Monitoring Meso-Scale Ordering of Cellulose in Intact Plant Cell Walls Using Sum Frequency Generation Spectroscopy. Plant Physiology, 2013, 163, 907-913.	2.3	49
17	Comparison of the Prevalence of Chronic Obstructive Pulmonary Disease Diagnosed by Lower Limit of Normal and Fixed Ratio Criteria. Journal of Korean Medical Science, 2009, 24, 621.	1.1	48
18	Baseline Characteristics of the Korean Registry of Pulmonary Arterial Hypertension. Journal of Korean Medical Science, 2015, 30, 1429.	1.1	46

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19	The efficacy and safety of prone positioning in adults patients with acute respiratory distress syndrome: a meta-analysis of randomized controlled trials. Journal of Thoracic Disease, 2015, 7, 356-67.	0.6	44
20	Effects of Plant Cell Wall Matrix Polysaccharides on Bacterial Cellulose Structure Studied with Vibrational Sum Frequency Generation Spectroscopy and X-ray Diffraction. Biomacromolecules, 2014, 15, 2718-2724.	2.6	39
21	Predicting survival of patients with idiopathic pulmonary fibrosis using GAP score: a nationwide cohort study. Respiratory Research, 2016, 17, 131.	1.4	38
22	Comparison of CPI and GAP models in patients with idiopathic pulmonary fibrosis: a nationwide cohort study. Scientific Reports, 2018, 8, 4784.	1.6	37
23	Exertional Desaturation as a Predictor of Rapid Lung Function Decline in COPD. Respiration, 2013, 86, 109-116.	1.2	35
24	Korean Asthma Guideline 2014: Summary of Major Updates to the Korean Asthma Guideline 2014. Tuberculosis and Respiratory Diseases, 2016, 79, 111.	0.7	34
25	Revised (2018) COPD Clinical Practice Guideline of the Korean Academy of Tuberculosis and Respiratory Disease: A Summary. Tuberculosis and Respiratory Diseases, 2018, 81, 261.	0.7	32
26	Vibrational sum-frequency-generation (SFG) spectroscopy study of the structural assembly of cellulose microfibrils in reaction woods. Cellulose, 2014, 21, 2219-2231.	2.4	30
27	Direct and Indirect Costs of Chronic Obstructive Pulmonary Disease in Korea. Tuberculosis and Respiratory Diseases, 2019, 82, 27.	0.7	28
28	Natural course of early COPD. International Journal of COPD, 2017, Volume 12, 663-668.	0.9	27
29	Effects of mechanical stretching on average orientation of cellulose and pectin in onion epidermis cell wall: A polarized FT-IR study. Cellulose, 2017, 24, 3145-3154.	2.4	25
30	Loculated Tuberculous Pleural Effusion: Easily Identifiable and Clinically Useful Predictor of Positive Mycobacterial Culture from Pleural Fluid. Tuberculosis and Respiratory Diseases, 2017, 80, 35.	0.7	23
31	Favorable longitudinal change of lung function in patients with asthma-COPD overlap from a COPD cohort. Respiratory Research, 2018, 19, 36.	1.4	23
32	Blood eosinophil count as a prognostic biomarker in COPD. International Journal of COPD, 2018, Volume 13, 3589-3596.	0.9	23
33	Epidemiology of chronic thromboembolic pulmonary hypertension in Korea: results from the Korean registry. Korean Journal of Internal Medicine, 2016, 31, 305-312.	0.7	23
34	Awareness of chronic obstructive pulmonary disease in current smokers: a nationwide survey. Korean Journal of Internal Medicine, 2015, 30, 191.	0.7	22
35	Dependence of Sum Frequency Generation (SFG) Spectral Features on the Mesoscale Arrangement of SFG-Active Crystalline Domains Interspersed in SFG-Inactive Matrix: A Case Study with Cellulose in Uniaxially Aligned Control Samples and Alkali-Treated Secondary Cell Walls of Plants. Journal of Physical Chemistry C. 2017, 121, 10249-10257.	1.5	22
36	Korean Guidelines for Diagnosis and Management of Interstitial Lung Diseases: Part 2. Idiopathic Pulmonary Fibrosis. Tuberculosis and Respiratory Diseases, 2019, 82, 102.	0.7	22

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37	Clinical implications of blood eosinophil count in patients with non-asthma–COPD overlap syndrome COPD. International Journal of COPD, 2017, Volume 12, 2455-2464.	0.9	21
38	Characteristics of Mechanical Ventilation Employed in Intensive Care Units: A Multicenter Survey of Hospitals. Journal of Korean Medical Science, 2008, 23, 948.	1.1	20
39	Pulmonary endometriosis resected by video-assisted thoracoscopic surgery. Respirology, 2006, 11, 221-223.	1.3	19
40	Awareness of COPD in a High Risk Korean Population. Yonsei Medical Journal, 2015, 56, 362.	0.9	19
41	Impact of Body Mass Index Change on the Prognosis of Chronic Obstructive Pulmonary Disease. Respiration, 2020, 99, 943-953.	1.2	19
42	Effects of Educational Interventions for Chronic Airway Disease on Primary Care. Journal of Korean Medical Science, 2016, 31, 1069.	1.1	18
43	Active case finding strategy for chronic obstructive pulmonary disease with handheld spirometry. Medicine (United States), 2016, 95, e5683.	0.4	17
44	Prevalence of Spirometrically-defined Restrictive Ventilatory Defect in Korea: The Fourth-2, 3, and Fifth Korean National Health and Nutrition Examination Survey, 2008-2012. Journal of Korean Medical Science, 2015, 30, 725.	1.1	15
45	<p>Male current smokers have low awareness and optimistic bias about COPD: field survey results about COPD in Korea</p> . International Journal of COPD, 2019, Volume 14, 271-277.	0.9	15
46	Validation of Previous Spirometric Reference Equations and New Equations. Journal of Korean Medical Science, 2019, 34, e304.	1.1	15
47	A Multicenter Study of Pertussis Infection in Adults with Coughing in Korea: PCR-Based Study. Tuberculosis and Respiratory Diseases, 2012, 73, 266.	0.7	14
48	Factors affecting treatment outcome in patients with idiopathic nonspecific interstitial pneumonia: a nationwide cohort study. Respiratory Research, 2017, 18, 204.	1.4	14
49	<p>The Difficulty Of Improving Quality Of Life In COPD Patients With Depression And Associated Factors</p> . International Journal of COPD, 2019, Volume 14, 2331-2341.	0.9	14
50	Longitudinal Changes in Clinical Features, Management, and Outcomes of Idiopathic Pulmonary Fibrosis. A Nationwide Cohort Study. Annals of the American Thoracic Society, 2021, 18, 780-787.	1.5	14
51	Biomechanical Characterization of Onion Epidermal Cell Walls. Bio-protocol, 2017, 7, e2662.	0.2	14
52	Incidence and Etiology of Overt Gastrointestinal Bleeding in Adult Patients with Aplastic Anemia. Digestive Diseases and Sciences, 2010, 55, 73-81.	1.1	13
53	Comparison of Korean COPD Guideline and GOLD Initiative Report in Term of Acute Exacerbation: A Validation Study for Korean COPD Guideline. Journal of Korean Medical Science, 2014, 29, 1108.	1.1	13
54	<i>InÂvitro</i> synthesis of cellulose microfibrils by a membrane protein from protoplasts of the non-vascular plant <i>Physcomitrella patens</i> . Biochemical Journal, 2015, 470, 195-205.	1.7	13

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55	Clinical significance of cigarette smoking and dust exposure in pulmonary alveolar proteinosis: a Korean national survey. BMC Pulmonary Medicine, 2017, 17, 147.	0.8	13
56	Clinical impacts of the classification by 2017 GOLD guideline comparing previous ones on outcomes of COPD in real-world cohorts. International Journal of COPD, 2018, Volume 13, 3473-3484.	0.9	12
57	Does cellulose II exist in native alga cell walls? Cellulose structure of Derbesia cell walls studied with SFG, IR and XRD. Cellulose, 2015, 22, 3531-3540.	2.4	11
58	One-year Prognosis and the Role of Brain Natriuretic Peptide Levels in Patients with Chronic Cor Pulmonale. Journal of Korean Medical Science, 2015, 30, 442.	1.1	10
59	Identification of subtypes in subjects with mild-to-moderate airflow limitation and its clinical and socioeconomic implications. International Journal of COPD, 2017, Volume 12, 1135-1144.	0.9	10
60	Urinary desmosine is associated with emphysema severity and frequent exacerbation in patients with <scp>COPD</scp> . Respirology, 2018, 23, 176-181.	1.3	10
61	Relationship between survival and age in patients with idiopathic pulmonary fibrosis. Journal of Thoracic Disease, 2016, 8, 3255-3264.	0.6	9
62	Clinical Characteristics of Chronic Obstructive Pulmonary Disease in Female Patients: Findings from a KOCOSS Cohort. International Journal of COPD, 2020, Volume 15, 2217-2224.	0.9	9
63	Comparison of Clinical Efficacy and Safety between Indacaterol and Tiotropium in COPD: Meta-Analysis of Randomized Controlled Trials. PLoS ONE, 2015, 10, e0119948.	1.1	9
64	COPD Patients with Exertional Desaturation Are at a Higher Risk of Rapid Decline in Lung Function. Yonsei Medical Journal, 2014, 55, 732.	0.9	8
65	Chronic bronchitis is an independently associated factor for more symptom and high-risk groups. International Journal of COPD, 2016, 11, 1335.	0.9	8
66	History of pneumonia is a strong risk factor for chronic obstructive pulmonary disease (COPD) exacerbation in South Korea: the Epidemiologic review and Prospective Observation of COPD and Health in Korea (EPOCH) study. Journal of Thoracic Disease, 2015, 7, 2203-13.	0.6	8
67	Developing a Diagnostic Bundle for Bronchiectasis in South Korea: A Modified Delphi Consensus Study. Tuberculosis and Respiratory Diseases, 2022, 85, 56-66.	0.7	8
68	Therapeutic Effect of Prednisolone in Tuberculous Pleurisy: A prospective study for the prevention of the pleural adhesion. Tuberculosis and Respiratory Diseases, 1999, 46, 481.	0.2	7
69	Inhaled corticosteroid is not associated with a poor prognosis in <scp>COVID</scp> â€19. Respirology, 2021, 26, 812-815.	1.3	7
70	The health-related quality-of-life of chronic obstructive pulmonary disease patients and disease-related indirect burdens. Korean Journal of Internal Medicine, 2020, 35, 1136-1144.	0.7	7
71	Survey of COPD Management among the Primary Care Physicians in Korea. Tuberculosis and Respiratory Diseases, 2008, 64, 109.	0.7	7
72	Chronic Obstructive Pulmonary Disease Is Not Associated with a Poor Prognosis in COVID-19. Tuberculosis and Respiratory Diseases, 2022, 85, 74-79.	0.7	7

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73	Changes in cholesterol level correlate with the course of pulmonary nontuberculous mycobacterial disease. Journal of Thoracic Disease, 2016, 8, 2885-2894.	0.6	6
74	Short-term Evaluation of a Comprehensive Education Program Including Inhaler Training and Disease Management on Chronic Obstructive Pulmonary Disease. Tuberculosis and Respiratory Diseases, 2017, 80, 377.	0.7	6
75	Determinants of Nicotine Dependence in Chronic Obstructive Pulmonary Disease. Tuberculosis and Respiratory Diseases, 2017, 80, 277.	0.7	6
76	Severe vitamin D deficiency is associated with emphysema progression in male patients with COPD. Respiratory Medicine, 2020, 163, 105890.	1.3	6
77	The current status of chronic obstructive pulmonary disease awareness, treatments, and plans for improvement in South Korea: a narrative review. Journal of Thoracic Disease, 2021, 13, 3898-3906.	0.6	6
78	Predicting long-term mortality with two different criteria of exercise-induced desaturation in COPD. Respiratory Medicine, 2021, 182, 106393.	1.3	6
79	Awareness and Impact of COPD in Korea: An Epidemiologic Insight Survey. Tuberculosis and Respiratory Diseases, 2011, 71, 400.	0.7	6
80	Air Trapping and the Risk of COPD Exacerbation: Analysis From Prospective KOCOSS Cohort. Frontiers in Medicine, 2022, 9, 835069.	1.2	6
81	The Diagnostic Value of Interferon- \hat{l}^3 Assay in Patients with Active Tuberculosis. Tuberculosis and Respiratory Diseases, 2009, 66, 13.	0.7	5
82	Duration of Pulmonary Tuberculosis Infectiousness under Adequate Therapy, as Assessed Using Induced Sputum Samples. Tuberculosis and Respiratory Diseases, 2017, 80, 27.	0.7	5
83	<p>Exacerbations of Chronic Obstructive Pulmonary Disease Tool to assess the efficacy of acute treatment</p> . International Journal of COPD, 2019, Volume 14, 471-478.	0.9	5
84	Exhaled Nitric Oxide in Patients with Stable Chronic Obstructive Pulmonary Disease: Clinical Implications of the Use of Inhaled Corticosteroids. Tuberculosis and Respiratory Diseases, 2020, 83, 42.	0.7	5
85	Predictors on In-hospital Mortality Following In-hospital Diagnosis of Tuberculosis. Tuberculosis and Respiratory Diseases, 2006, 61, 233.	0.7	4
86	Clinical Characteristics and Treatment Outcomes of Definitive versus Standard Anti-Tuberculosis Therapy in Patients with Tuberculous Lymphadenitis. Journal of Clinical Medicine, 2019, 8, 813.	1.0	4
87	Reliability of Portable Spirometry Performed in the Korea National Health and Nutrition Examination Survey Compared to Conventional Spirometry. Tuberculosis and Respiratory Diseases, 2021, 84, 274-281.	0.7	4
88	Clinical Features of Pulmonary Langerhans Cell Histiocytosis in Korea. Tuberculosis and Respiratory Diseases, 2009, 66, 98.	0.7	3
89	Diagnostic usefulness of the GenoType MTBDR <i>plus</i> sassay for detecting drug-resistant tuberculosis using AFB smear-negative specimens with positive TB-PCR result. Infectious Diseases, 2016, 48, 350-355.	1.4	3
90	Factors affecting satisfaction with education program for chronic airway disease in primary care settings. Journal of Thoracic Disease, 2017, 9, 1911-1918.	0.6	3

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91	Relationship Between Changes in Inhalation Treatment Level and Exacerbation of Chronic Obstructive Pulmonary Disease: Nationwide the Health Insurance and Assessment Service Database International Journal of COPD, 2020, Volume 15, 1367-1375.	0.9	3
92	Proposal of New Criteria for Assessing Respiratory Impairment. Tuberculosis and Respiratory Diseases, 2011, 70, 199.	0.7	3
93	Benign Metastasizing Pulmonary Leiomyoma with Hemoptysis. Tuberculosis and Respiratory Diseases, 2006, 60, 92.	0.7	2
94	The Need for a Well-Organized, Video-Assisted Asthma Education Program at Korean Primary Care Clinics. Tuberculosis and Respiratory Diseases, 2017, 80, 169.	0.7	2
95	Which GOLD B patients progress to GOLD D with the new classification?. International Journal of COPD, 2018, Volume 13, 3233-3241.	0.9	2
96	Development of Prediction Equation of Diffusing Capacity of Lung for Koreans. Tuberculosis and Respiratory Diseases, 2018, 81, 42.	0.7	2
97	Solitary Tracheal Papilloma. American Journal of Respiratory and Critical Care Medicine, 2020, 202, e88-e89.	2.5	2
98	Long-term Oxygen Therapy for Chronic Respiratory Insufficiency: the Situation in Korea after the Health Insurance Coverage: a Multi-center Korean Survey -Study for the Development and Dissemination of the COPD Guidelines, Clinical Research Center for Chronic Obstructive Airway Disease Tuberculosis and Respiratory Diseases, 2009, 67, 88.	0.7	2
99	Clinical Investigation of Recurrent Pneumonia in Adults: Analysis of Patients From Hallym University Medical Center. Tuberculosis and Respiratory Diseases, 2004, 57, 47.	0.7	1
100	Recurrent Desquamative Interstitial Pneumonia with Fibrotic Lung Disease. Tuberculosis and Respiratory Diseases, 2008, 65, 328.	0.7	1
101	Hospital Admission Rate of the Patients With Noncystic Fibrosis Bronchiectasis During Long-term Follow Up. Chest, 2013, 144, 585A.	0.4	1
102	Comparison of clinical efficacy between ultra-LABAs and ultra-LAMAs in COPD: a systemic review with meta-analysis of randomized controlled trials. Journal of Thoracic Disease, 2018, 10, 6522-6530.	0.6	1
103	Pharmacotherapy for chronic obstructive pulmonary disease. Journal of the Korean Medical Association, 2018, 61, 545.	0.1	1
104	Effect of low protein intake on acute exacerbations in mild to moderate chronic obstructive pulmonary disease: data from the 2007–2012 KNHANES. Journal of Thoracic Disease, 2021, 13, 5592-5603.	0.6	1
105	The safety and efficacy of CKD-497 in patients with acute upper respiratory tract infection and bronchitis symptoms: a multicenter, double-blind, double-dummy, randomized, controlled, phase II clinical trial. Journal of Thoracic Disease, 2021, 13, 1-9.	0.6	1
106	Cut-off value of FEV1/FEV6 to determine airflow limitation using handheld spirometry in subjects with risk of chronic obstructive pulmonary disease. Korean Journal of Internal Medicine, 2021, 36, 629-635.	0.7	1
107	A Recurrent Spontaneous Pneumomediastinum. Tuberculosis and Respiratory Diseases, 2005, 59, 696.	0.7	1
108	Serum vitamin D level is associated with emphysema progression in male patients with COPD. , 2017, , .		1

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109	Hyperuricemia Is Not Predictive of Long-Term Outcome in Patients with Stable Chronic Obstructive Pulmonary Disease. Journal of Korean Medical Science, 2020, 35, e58.	1.1	1
110	Ultrasound-guided treatment of common peroneal neuropathy caused by Baker's cyst: a clinical note - A case report Anesthesia and Pain Medicine, 2020, 15, 199-204.	0.5	1
111	Longitudinal changes in forced expiratory volume in 1Âs in patients with eosinophilic chronic obstructive pulmonary disease. BMC Pulmonary Medicine, 2022, 22, 91.	0.8	1
112	The Role of Respiratory Viral Infections in Exacerbation of Asthma and Chronic Obstructive Pulmonary Disease (COPD). Tuberculosis and Respiratory Diseases, 2005, 59, 497.	0.7	0
113	A Case of Cerebral Salt Wasting Syndrome Associated with Tuberculous Meningitis. Tuberculosis and Respiratory Diseases, 2005, 59, 306.	0.7	0
114	Comparison of the Characteristics of Mild COPD Patients According to the Development of Acute Exacerbation. Chest, 2010, 138, 461A.	0.4	0
115	The Association of Obesity, Airway Hyperresponsiveness and Atopy in Chronic Cough Patients: Results of a Two-Center Study. Tuberculosis and Respiratory Diseases, 2011, 71, 24.	0.7	0
116	Airflow Obstruction in Patients With Hip Fractur. Chest, 2011, 140, 573A.	0.4	0
117	Usefulness Of COPD Assessment Test In Acute Exacerbation Of COPD. , 2012, , .		0
118	Authors' Reply. Respiration, 2014, 87, 440-440.	1.2	0
119	Factors Associated With Acute Exacerbation in COPD Patients With Mild-to-Moderate Airflow Limitation. Chest, 2015, 148, 701A.	0.4	0
120	Usefulness of FEV1/FEV6 to Identify Airflow Limitation: A Strategy for Early Detection of COPD in Primary Care Clinic. Chest, 2016, 150, 860A.	0.4	0
121	Diagnosis and Assessment of COPD. , 2017, , 65-74.		0
122	Pulmonary Arterial Hypertension. Tuberculosis and Respiratory Diseases, 2009, 67, 177.	0.7	0
123	Clinical Significance of Nasal Peak Inspiratory Flow Rate in Patients with Chronic Cough. Tuberculosis and Respiratory Diseases, 1999, 46, 654.	0.2	0
124	The long-term efficacy of domiciliary noninvasive positive pressure ventilation in COPD: A meta-analysis of randomized controlled trials. Tuberculosis and Respiratory Diseases, 2021, , .	0.7	0