Elizabeth A Regan

List of Publications by Year
in descending order

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111 papers	7,820 citations	66343 42 h-index	54911 84 g-index
112 all docs	112 docs citations	112 times ranked	9028 citing authors

#	Article	IF	Citations
1	10-Year Follow-Up of Lung Function, Respiratory Symptoms, and Functional Capacity in the COPDGene Study. Annals of the American Thoracic Society, 2022, 19, 381-388.	3.2	8
2	Clinically Significant and Comorbid Anxiety and Depression Symptoms Predict Severe Respiratory Exacerbations in Smokers: A Post Hoc Analysis of the COPDGene and SPIROMICS Cohorts. Annals of the American Thoracic Society, 2022, 19, 143-146.	3.2	6
3	Significant Spirometric Transitions and Preserved Ratio Impaired Spirometry Among Ever Smokers. Chest, 2022, 161, 651-661.	0.8	33
4	Development of a Blood-based Transcriptional Risk Score for Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 161-170.	5.6	15
5	Longitudinal Association Between Muscle Loss and Mortality in Ever Smokers. Chest, 2022, 161, 960-970.	0.8	18
6	Optimism is associated with respiratory symptoms and functional status in chronic obstructive pulmonary disease. Respiratory Research, 2022, 23, 19.	3.6	1
7	Collaborative Cohort of Cohorts for COVID-19 Research (C4R) Study: Study Design. American Journal of Epidemiology, 2022, 191, 1153-1173.	3.4	11
8	Assessing the contribution of rare variants to complex trait heritability from whole-genome sequence data. Nature Genetics, 2022, 54, 263-273.	21.4	156
9	CT-based segmentation of thoracic vertebrae using deep learning and computation of the kyphotic angle. , 2022, , .		1
10	Lung tissue shows divergent gene expression between chronic obstructive pulmonary disease and idiopathic pulmonary fibrosis. Respiratory Research, 2022, 23, 97.	3.6	7
11	The Value of Rare Genetic Variation in the Prediction of Common Obesity in European Ancestry Populations. Frontiers in Endocrinology, 2022, 13, 863893.	3.5	7
12	Depressive and anxiety symptoms in patients with COPD: A network analysis. Respiratory Medicine, 2022, 198, 106865.	2.9	15
13	Distinguishing Smoking-Related Lung Disease Phenotypes Via Imaging and Molecular Features. Chest, 2021, 159, 549-563.	0.8	6
14	Impact of a Medical Diagnosis on Decision to Stop Smoking and Successful Smoking Cessation. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2021, 8, 360-370.	0.7	7
15	Respiratory exacerbations are associated with muscle loss in current and former smokers. Thorax, 2021, 76, 554-560.	5.6	20
16	Inhaled Medication Use in Smokers With Normal Spirometry. Respiratory Care, 2021, 66, 652-660.	1.6	0
17	Quantitative <scp>CTâ€Based</scp> Methods for Bone Microstructural Measures and Their Relationships With Vertebral Fractures in a Pilot Study on Smokers. JBMR Plus, 2021, 5, e10484.	2.7	6
18	Pulmonary Artery Enlargement Is Associated with Exacerbations and Mortality in Ever-Smokers with Preserved Ratio Impaired Spirometry. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 481-485.	5.6	5

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19	MnTEâ€2â€PyP disrupts Staphylococcus aureus biofilms in a novel fracture model. Journal of Orthopaedic Research, 2021, 39, 2439-2445.	2.3	3
20	Diffuse Idiopathic Skeletal Hyperostosis in Smokers and Restrictive Spirometry Pattern: An Analysis of the COPDGene Cohort. Journal of Rheumatology, 2020, 47, 531-538.	2.0	6
21	Subtyping COPD by Using Visual and Quantitative CT Imaging Features. Chest, 2020, 157, 47-60.	0.8	60
22	Disease Progression Modeling in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 294-302.	5.6	56
23	Machine Learning Characterization of COPD Subtypes. Chest, 2020, 157, 1147-1157.	0.8	44
24	Factors influencing decline in quality of life in smokers without airflow obstruction: The COPDGene study. Respiratory Medicine, 2020, 161, 105820.	2.9	5
25	Phenotypic characterisation of early COPD: a prospective caseâ€“control study. ERJ Open Research, 2020, 6, 00047-2020.	2.6	21
26	Lungâ€Specific Risk Factors Associated With Incident Hip Fracture in Current and Former Smokers. Journal of Bone and Mineral Research, 2020, 35, 1952-1961.	2.8	6
27	Validation of a method to assess emphysema severity by spirometry in the COPDGene study. Respiratory Research, 2020, 21, 103.	3.6	4
28	Machine Learning and Prediction of All-Cause Mortality in COPD. Chest, 2020, 158, 952-964.	0.8	62
29	Visual Emphysema at Chest CT in GOLD Stage 0 Cigarette Smokers Predicts Disease Progression: Results from the COPDGene Study. Radiology, 2020, 296, 641-649.	7.3	24
30	Pulmonary artery enlargement and mortality risk in moderate to severe COPD: results from COPDGene. European Respiratory Journal, 2020, 55, 1901812.	6.7	15
31	DNA Methylation Is Predictive of Mortality in Current and Former Smokers. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1099-1109.	5.6	15
32	Five-year Progression of Emphysema and Air Trapping at CT in Smokers with and Those without Chronic Obstructive Pulmonary Disease: Results from the COPDGene Study. Radiology, 2020, 295, 218-226.	7.3	52
33	Vitamin D deficiency is associated with respiratory symptoms and airway wall thickening in smokers with and without COPD: a prospective cohort study. BMC Pulmonary Medicine, 2020, 20, 123.	2.0	13
34	The Association of Multiparity with Lung Function and Chronic Obstructive Pulmonary Disease-Related Phenotypes. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2020, 7, 86-98.	0.7	7
35	A Risk Prediction Model for Mortality Among Smokers in the COPDGeneÂ® Study. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2020, 7, 346-361.	0.7	9
36	Primary adrenal insufficiency in the United States: diagnostic error and patient satisfaction with treatment. Diagnosis, 2019, 6, 343-350.	1.9	6

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37	Subjects with diffuse idiopathic skeletal hyperostosis have an increased burden of coronary artery disease: An evaluation in the COPDGene cohort. Atherosclerosis, 2019, 287, 24-29.	0.8	17
38	The St. Georgeâ€™s Respiratory Questionnaire Definition of Chronic Bronchitis May Be aÂBetter Predictor of COPD Exacerbations Compared With the Classic Definition. Chest, 2019, 156, 685-695.	0.8	40
39	Combined Forced Expiratory Volume in 1 Second and Forced Vital Capacity Bronchodilator Response, Exacerbations, and Mortality in Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2019, 16, 826-835.	3.2	41
40	Omics and the Search for Blood Biomarkers in Chronic Obstructive Pulmonary Disease. Insights from COPDGene. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 143-149.	2.9	54
41	Criteria for Early-Phase Diffuse Idiopathic Skeletal Hyperostosis: Development and Validation. Radiology, 2019, 291, 420-426.	7.3	26
42	GWAS and systems biology analysis of depressive symptoms among smokers from the COPDGene cohort. Journal of Affective Disorders, 2019, 243, 16-22.	4.1	11
43	Airway wall thickening on CT: Relation to smoking status and severity of COPD. Respiratory Medicine, 2019, 146, 36-41.	2.9	47
44	Symptoms of anxiety and depression and use of anxiolytic-hypnotics and antidepressants in current and former smokers with and without COPD - A cross sectional analysis of the COPDGene cohort. Journal of Psychosomatic Research, 2019, 118, 18-26.	2.6	21
45	Ultrasound measurement of knee synovial fluid during external pneumatic compression. Journal of Orthopaedic Research, 2019, 37, 601-608.	2.3	6
46	Mortality and Exacerbations by Global Initiative for Chronic Obstructive Lung Disease Groups ABCD: 2011 Versus 2017 in the COPDGeneÂ® Cohort. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2019, 6, 64-73.	0.7	26
47	COPDGeneÂ® 2019: Redefining the Diagnosis of Chronic Obstructive Pulmonary Disease. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2019, 6, 384-399.	0.7	112
48	Subtypes of COPD Have Unique Distributions and Differential Risk of Mortality. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2019, 6, 400-413.	0.7	24
49	Pulmonary Subtypes Exhibit Differential Global Initiative for Chronic Obstructive Lung Disease Spirometry Stage Progression: The COPDGeneÂ® Study. Chronic Obstructive Pulmonary Diseases (Miami,) Tj ETQq0 1 0.784314 rgBT /C	0.7	29
50	Identifying Smoking-Related Disease on Lung Cancer Screening CT Scans: Increasing the Value. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2019, 6, 233-245.	0.7	11
51	Translation of adapting quantitative CT data from research to local clinical practice: validation evaluation of fully automated procedures to provide lung volumes and percent emphysema. Journal of Medical Imaging, 2019, 7, 1.	1.5	0
52	Association between acute respiratory disease events and the MUC5B promoter polymorphism in smokers. Thorax, 2018, 73, 1071-1074.	5.6	13
53	Asthma Is a Risk Factor for Respiratory Exacerbations Without Increased Rate of Lung Function Decline. Chest, 2018, 153, 368-377.	0.8	14
54	Pectoralis muscle area and mortality in smokers without airflow obstruction. Respiratory Research, 2018, 19, 62.	3.6	41

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55	Blood eosinophil count thresholds and exacerbations in patients with chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2018, 141, 2037-2047.e10.	2.9	138
56	Spirometric Volumes and Breathlessness across Levels of Airflow Limitation: The COPDGene Study. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 678-681.	5.6	9
57	Lobar Emphysema Distribution Is Associated With 5-Year Radiological Disease Progression. Chest, 2018, 153, 65-76.	0.8	36
58	Association of low income with pulmonary disease progression in smokers with and without chronic obstructive pulmonary disease. ERJ Open Research, 2018, 4, 00069-2018.	2.6	11
59	Coronary Artery Calcium on Noncontrast Thoracic Computerized Tomography Scans and All-Cause Mortality. Circulation, 2018, 138, 2437-2438.	1.6	15
60	CT-based Visual Classification of Emphysema: Association with Mortality in the COPDGene Study. Radiology, 2018, 288, 859-866.	7.3	138
61	Identification of Chronic Obstructive Pulmonary Disease Axes That Predict All-Cause Mortality. American Journal of Epidemiology, 2018, 187, 2109-2116.	3.4	25
62	Simultaneous occurrence of ankylosing spondylitis and diffuse idiopathic skeletal hyperostosis: a systematic review. Rheumatology, 2018, 57, 2120-2128.	1.9	32
63	Longitudinal Phenotypes and Mortality in Preserved Ratio Impaired Spirometry in the COPDGene Study. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1397-1405.	5.6	132
64	Lung, Fat and Bone: Increased Adiponectin Associates with the Combination of Smoking-Related Lung Disease and Osteoporosis. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2018, 5, 134-143.	0.7	3
65	GDF-15 plasma levels in chronic obstructive pulmonary disease are associated with subclinical coronary artery disease. Respiratory Research, 2017, 18, 42.	3.6	20
66	Genetic Association and Risk Scores in a Chronic Obstructive Pulmonary Disease Meta-analysis of 16,707 Subjects. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 35-46.	2.9	55
67	Classification criteria for diffuse idiopathic skeletal hyperostosis: a lack of consensus. Rheumatology, 2017, 56, 1123-1134.	1.9	47
68	Handgrip Strength in Chronic Obstructive Pulmonary Disease. Associations with Acute Exacerbations and Body Composition. Annals of the American Thoracic Society, 2017, 14, 1638-1645.	3.2	44
69	The Role of Chest Computed Tomography in the Evaluation and Management of the Patient with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1372-1379.	5.6	97
70	Examining the Effects of Age on Health Outcomes of Chronic Obstructive Pulmonary Disease: Results From the Genetic Epidemiology of Chronic Obstructive Pulmonary Disease Study and Evaluation of Chronic Obstructive Pulmonary Disease Longitudinally to Identify Predictive Surrogate Endpoints Cohorts. Journal of the American Medical Directors Association, 2017, 18, 1063-1068.	2.5	8
71	Genome-wide imputation study identifies novel HLA locus for pulmonary fibrosis and potential role for auto-immunity in fibrotic idiopathic interstitial pneumonia. BMC Genetics, 2016, 17, 74.	2.7	84
72	Age-Related Differences in Health-Related Quality of Life in COPD. Chest, 2016, 149, 927-935.	0.8	41

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73	Risk factors for COPD exacerbations in inhaled medication users: the COPDGene study biannual longitudinal follow-up prospective cohort. BMC Pulmonary Medicine, 2016, 16, 28.	2.0	17
74	Differences between absolute and predicted values of forced expiratory volumes to classify ventilatory impairment in chronic obstructive pulmonary disease. Respiratory Medicine, 2016, 111, 30-38.	2.9	9
75	Common Genetic Polymorphisms Influence Blood Biomarker Measurements in COPD. PLoS Genetics, 2016, 12, e1006011.	3.5	88
76	Pulmonary Predictors of Incident Diabetes in Smokers. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2016, 3, 739-747.	0.7	12
77	A genome-wide association study identifies risk loci for spirometric measures among smokers of European and African ancestry. BMC Genetics, 2015, 16, 138.	2.7	119
78	The beneficial effects of exercise on cartilage are lost in mice with reduced levels of ECSOD in tissues. Journal of Applied Physiology, 2015, 118, 760-767.	2.5	14
79	Reduced Bone Density and Vertebral Fractures in Smokers. Men and COPD Patients at Increased Risk. Annals of the American Thoracic Society, 2015, 12, 648-656.	3.2	92
80	Clinical and Radiologic Disease in Smokers With Normal Spirometry. JAMA Internal Medicine, 2015, 175, 1539.	5.1	360
81	A Simplified Score to Quantify Comorbidity in COPD. PLoS ONE, 2014, 9, e114438.	2.5	58
82	Non-emphysematous chronic obstructive pulmonary disease is associated with diabetes mellitus. BMC Pulmonary Medicine, 2014, 14, 164.	2.0	55
83	Pulmonary Function Reduction in Diabetes With and Without Chronic Obstructive Pulmonary Disease. Diabetes Care, 2014, 37, 389-395.	8.6	61
84	Cluster analysis in the COPDGene study identifies subtypes of smokers with distinct patterns of airway disease and emphysema. Thorax, 2014, 69, 416-423.	5.6	128
85	Common Genetic Variants Associated with Resting Oxygenation in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 678-687.	2.9	19
86	The clinical impact of non-obstructive chronic bronchitis in current and former smokers. Respiratory Medicine, 2014, 108, 491-499.	2.9	65
87	Phenotypic and genetic heterogeneity among subjects with mild airflow obstruction in COPDGene. Respiratory Medicine, 2014, 108, 1469-1480.	2.9	24
88	Epidemiology, genetics, and subtyping of preserved ratio impaired spirometry (PRISm) in COPDGene. Respiratory Research, 2014, 15, 89.	3.6	196
89	Cardiovascular Disease is Associated with COPD Severity and Reduced Functional Status and Quality of Life. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2014, 11, 546-551.	1.6	24
90	Impact of self-reported Gastroesophageal reflux disease in subjects from COPDGene cohort. Respiratory Research, 2014, 15, 62.	3.6	61

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91	Quantitative Computed Tomography Measures of Pectoralis Muscle Area and Disease Severity in Chronic Obstructive Pulmonary Disease. A Cross-Sectional Study. Annals of the American Thoracic Society, 2014, 11, 326-334.	3.2	168
92	Risk loci for chronic obstructive pulmonary disease: a genome-wide association study and meta-analysis. Lancet Respiratory Medicine,the, 2014, 2, 214-225.	10.7	291
93	Prediction of Acute Respiratory Disease in Current and Former Smokers With and Without COPD. Chest, 2014, 146, 941-950.	0.8	71
94	Comorbidities of COPD Have a Major Impact on Clinical Outcomes, Particularly in African Americans. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2014, 1, 105-114.	0.7	40
95	GOLD 2011 disease severity classification in COPDGene: a prospective cohort study. Lancet Respiratory Medicine,the, 2013, 1, 43-50.	10.7	209
96	Improving Hip Fractures Outcomes for COPD Patients. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2013, 10, 11-19.	1.6	45
97	Genome-wide association study identifies multiple susceptibility loci for pulmonary fibrosis. Nature Genetics, 2013, 45, 613-620.	21.4	667
98	Automated Telecommunication to Obtain Longitudinal Follow-up in a Multicenter Cross-sectional COPD Study. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2012, 9, 466-472.	1.6	52
99	It's the Fracture that Matters â€“Bone Disease in COPD Patients. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2012, 9, 319-321.	1.6	9
100	Pulmonary Arterial Enlargement and Acute Exacerbations of COPD. New England Journal of Medicine, 2012, 367, 913-921.	27.0	397
101	A Combined Pulmonary-Radiology Workshop for Visual Evaluation of COPD: Study Design, Chest CT Findings and Concordance with Quantitative Evaluation. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2012, 9, 151-159.	1.6	143
102	A genome-wide association study of COPD identifies a susceptibility locus on chromosome 19q13. Human Molecular Genetics, 2012, 21, 947-957.	2.9	216
103	Racial Differences in Quality of Life in Patients With COPD. Chest, 2011, 140, 1169-1176.	0.8	61
104	Smoking and COPD increase sputum levels of extracellular superoxide dismutase. Free Radical Biology and Medicine, 2011, 51, 726-732.	2.9	27
105	Clinical and Radiographic Predictors of GOLDâ€“Unclassified Smokers in the COPDGene Study. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 57-63.	5.6	131
106	Early-Onset Chronic Obstructive Pulmonary Disease Is Associated with Female Sex, Maternal Factors, and African American Race in the COPDGene Study. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 414-420.	5.6	176
107	Genetic Epidemiology of COPD (COPDGene) Study Design. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2011, 7, 32-43.	1.6	1,007
108	Variants in FAM13A are associated with chronic obstructive pulmonary disease. Nature Genetics, 2010, 42, 200-202.	21.4	348

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109	Extracellular Superoxide Dismutase and Risk of COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2009, 6, 307-312.	1.6	31
110	COPD and Bone Loss. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2008, 5, 267-268.	1.6	2
111	Extracellular superoxide dismutase and oxidant damage in osteoarthritis. Arthritis and Rheumatism, 2005, 52, 3479-3491.	6.7	128