

# Susan Murray

## List of Publications by Year in descending order

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Version: 2024-02-01

104  
papers

8,757  
citations

66250

44  
h-index

49824

91  
g-index

105  
all docs

105  
docs citations

105  
times ranked

8928  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative CT Correlates with Local Inflammation in Lung of Patients with Subtypes of Chronic Lung Allograft Dysfunction. <i>Cells</i> , 2022, 11, 699.	1.8	4
2	Immunomodulatory effects of pevonedistat, a NEDD8-activating enzyme inhibitor, in chronic lymphocytic leukemia-derived T cells. <i>Leukemia</i> , 2021, 35, 156-168.	3.3	24
3	Concurrent Reductions in Spirometry Predict Mortality and Bronchiolitis Obliterans in Chronic Graft-versus-Host Disease. <i>Annals of the American Thoracic Society</i> , 2021, 18, 720-723.	1.5	1
4	Quantitative Emphysema on Low-Dose CT Imaging of the Chest and Risk of Lung Cancer and Airflow Obstruction. <i>Chest</i> , 2021, 159, 1812-1820.	0.4	36
5	Emphysema Progression and Lung Function Decline Among Angiotensin Converting Enzyme Inhibitors and Angiotensin-Receptor Blockade Users in the COPD Gene Cohort. <i>Chest</i> , 2021, 160, 1245-1254.	0.4	9
6	Radiographic Graft Surveillance in Lung Transplantation: Prognostic Role of Parametric Response Mapping. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 967-976.	2.5	16
7	Pulmonary Arterial Pruning and Longitudinal Change in Percent Emphysema and Lung Function. <i>Chest</i> , 2021, 160, 470-480.	0.4	17
8	The Association Between Lung Hyperinflation and Coronary Artery Disease in Smokers. <i>Chest</i> , 2021, 160, 858-871.	0.4	7
9	Regression analysis of recurrent event-free time from multiple follow-up windows. <i>Statistics in Medicine</i> , 2020, 39, 1-15.	0.8	1
10	Disease Progression Modeling in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 294-302.	2.5	56
11	Machine Learning Characterization of COPD Subtypes. <i>Chest</i> , 2020, 157, 1147-1157.	0.4	44
12	Fibroproliferation in chronic lung allograft dysfunction: Association of mesenchymal cells in bronchoalveolar lavage with phenotypes and survival. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 815-823.	0.3	5
13	Incorporating longitudinal biomarkers for dynamic risk prediction in the era of big data: A pseudo-observation approach. <i>Statistics in Medicine</i> , 2020, 39, 3685-3699.	0.8	12
14	Identification of a unique temporal signature in blood and BAL associated with IPF progression. <i>Scientific Reports</i> , 2020, 10, 12049.	1.6	10
15	Voxel-Wise Longitudinal Parametric Response Mapping Analysis of Chest Computed Tomography in Smokers. <i>Academic Radiology</i> , 2019, 26, 217-223.	1.3	55
16	Evaluating the role of cough duration in the pertussis case definition among Michigan cases, 2000-2010. <i>Preventive Medicine Reports</i> , 2019, 16, 100973.	0.8	1
17	Commentary on Tayob and Murray (2014) with a useful update pertaining to study design. <i>Biostatistics</i> , 2019, 20, 542-545.	0.9	3
18	Noninvasive Imaging Biomarker Identifies Small Airway Damage in Severe Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 575-581.	2.5	110

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19	Reprint of: Voxel-Wise Longitudinal Parametric Response Mapping Analysis of Chest Computed Tomography in Smokers. <i>Academic Radiology</i> , 2019, 26, 306-312.	1.3	11
20	First-Onset Herpesviral Infection and Lung Injury in Allogeneic Hematopoietic Cell Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 63-74.	2.5	30
21	Lung Microbiota Contribute to Pulmonary Inflammation and Disease Progression in Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1127-1138.	2.5	205
22	Nonparametric group sequential methods for recurrent and terminal events from multiple follow-up windows. <i>Statistics in Medicine</i> , 2019, 38, 5657-5669.	0.8	2
23	Nonparametric Group Sequential Methods for Evaluating Survival Benefit from Multiple Short-Term Follow-up Windows. <i>Biometrics</i> , 2019, 75, 494-505.	0.8	1
24	Hypersensitivity Pneumonitis. <i>Chest</i> , 2019, 155, 699-711.	0.4	148
25	Mortality and Exacerbations by Global Initiative for Chronic Obstructive Lung Disease Groups ABCD: 2011 Versus 2017 in the COPDGene® Cohort. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019, 6, 64-73.	0.5	26
26	Association between Emphysema and Chronic Obstructive Pulmonary Disease Outcomes in the COPDGene and SPIROMICS Cohorts: A Post Hoc Analysis of Two Clinical Trials. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 265-267.	2.5	29
27	Development and validation of a radiological diagnosis model for hypersensitivity pneumonitis. <i>European Respiratory Journal</i> , 2018, 52, 1800443.	3.1	55
28	Lung Dysbiosis, Inflammation, and Injury in Hematopoietic Cell Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1312-1321.	2.5	42
29	The peripheral blood proteome signature of idiopathic pulmonary fibrosis is distinct from normal and is associated with novel immunological processes. <i>Scientific Reports</i> , 2017, 7, 46560.	1.6	51
30	Statistical consequences of a successful lung allocation system - recovering information and reducing bias in models for urgency. <i>Statistics in Medicine</i> , 2017, 36, 2435-2451.	0.8	4
31	Possible UIP pattern on high-resolution computed tomography is associated with better survival than definite UIP in IPF patients. <i>Respiratory Medicine</i> , 2017, 131, 229-235.	1.3	25
32	Idiopathic Pulmonary Fibrosis: The Association between the Adaptive Multiple Features Method and Fibrosis Outcomes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 921-929.	2.5	102
33	Parametric Response Mapping as an Imaging Biomarker in Lung Transplant Recipients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 942-952.	2.5	55
34	Utility of Transbronchial vs. Surgical Lung Biopsy in the Diagnosis of Suspected Fibrotic Interstitial Lung Disease. <i>Chest</i> , 2017, 151, 389-399.	0.4	87
35	Correcting Nonpathological Variation in Longitudinal Parametric Response Maps of CT Scans in COPD Subjects: SPIROMICS. <i>Tomography</i> , 2017, 3, 138-145.	0.8	3
36	The impact of healthcare visit timing on reported pertussis cough duration: Selection bias and disease pattern from reported cases in Michigan, USA, 2000-2010. <i>BMC Infectious Diseases</i> , 2016, 16, 522.	1.3	2

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37	Nonparametric restricted mean analysis across multiple follow-up intervals. <i>Statistics and Probability Letters</i> , 2016, 109, 152-158.	0.4	2
38	Plasma Surfactant Protein-D, Matrix Metalloproteinase-7, and Osteopontin Index Distinguishes Idiopathic Pulmonary Fibrosis from Other Idiopathic Interstitial Pneumonias. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 1242-1251.	2.5	131
39	Clinical characteristics in patients with asymmetric idiopathic pulmonary fibrosis. <i>Respiratory Medicine</i> , 2016, 119, 96-101.	1.3	5
40	Predictors of idiopathic pulmonary fibrosis in absence of radiologic honeycombing: A cross sectional analysis in ILD patients undergoing lung tissue sampling. <i>Respiratory Medicine</i> , 2016, 118, 88-95.	1.3	44
41	Multivariate Markov models for the conditional probability of toxicity in phase II trials. <i>Biometrical Journal</i> , 2016, 58, 186-205.	0.6	1
42	Clinical Trial Design Based on Time to Death/Progression. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 653-654.	2.5	1
43	Idiopathic Pulmonary Fibrosis. <i>Chest</i> , 2016, 149, 491-498.	0.4	75
44	Association between Functional Small Airway Disease and FEV <sub>1</sub> Decline in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 178-184.	2.5	292
45	Inhibition of Neutrophil Extracellular Trap Formation after Stem Cell Transplant by Prostaglandin E <sub>2</sub> . <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 186-197.	2.5	64
46	Adaptive Phase I clinical trial design using Markov models for conditional probability of toxicity. <i>Journal of Biopharmaceutical Statistics</i> , 2016, 26, 475-498.	0.4	12
47	Six-SOMAmer Index Relating to Immune, Protease and Angiogenic Functions Predicts Progression in IPF. <i>PLoS ONE</i> , 2016, 11, e0159878.	1.1	43
48	Longitudinal Forced Vital Capacity Monitoring as a Prognostic Adjunct after Lung Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 209-218.	2.5	45
49	Nonparametric tests of treatment effect based on combined endpoints for mortality and recurrent events. <i>Biostatistics</i> , 2015, 16, 73-83.	0.9	7
50	Inflammatory Leukocyte Phenotypes Correlate with Disease Progression in Idiopathic Pulmonary Fibrosis. <i>Frontiers in Medicine</i> , 2014, 1, .	1.2	46
51	Analysis of transplant urgency and benefit via multiple imputation. <i>Statistics in Medicine</i> , 2014, 33, 4655-4670.	0.8	5
52	Predictors of Chronic Obstructive Pulmonary Disease Exacerbation Reduction in Response to Daily Azithromycin Therapy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 1503-1508.	2.5	155
53	Impact of self-reported Gastroesophageal reflux disease in subjects from COPDGene cohort. <i>Respiratory Research</i> , 2014, 15, 62.	1.4	61
54	Lung microbiome and disease progression in idiopathic pulmonary fibrosis: an analysis of the COMET study. <i>Lancet Respiratory Medicine</i> , 2014, 2, 548-556.	5.2	353

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55	Predicting Pulmonary Fibrosis Disease Course From Past Trends in Pulmonary Function. <i>Chest</i> , 2014, 145, 579-585.	0.4	95
56	Modeling the Impact of Antibiotic Exposure on Human Microbiota. <i>Scientific Reports</i> , 2014, 4, 4345.	1.6	65
57	Changes in Cystic Fibrosis Airway Microbiota at Pulmonary Exacerbation. <i>Annals of the American Thoracic Society</i> , 2013, 10, 179-187.	1.5	210
58	Periostin promotes fibrosis and predicts progression in patients with idiopathic pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L1046-L1056.	1.3	223
59	Decade-long bacterial community dynamics in cystic fibrosis airways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5809-5814.	3.3	543
60	Relationship between quantitative CT metrics and health status and BODE in chronic obstructive pulmonary disease. <i>Thorax</i> , 2012, 67, 399-406.	2.7	108
61	Restricted mean models for transplant benefit and urgency. <i>Statistics in Medicine</i> , 2012, 31, 561-576.	0.8	21
62	Multiple imputation based on restricted mean model for censored data. <i>Statistics in Medicine</i> , 2011, 30, 1339-1350.	0.8	11
63	Mesenchymal Stromal Cells in Bronchoalveolar Lavage as Predictors of Bronchiolitis Obliterans Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1062-1070.	2.5	66
64	Chronic Obstructive Pulmonary Disease Exacerbations in the COPD Gene Study: Associated Radiologic Phenotypes. <i>Radiology</i> , 2011, 261, 274-282.	3.6	373
65	Cytotoxic Potential of Lung CD8+ T Cells Increases with Chronic Obstructive Pulmonary Disease Severity and with In Vitro Stimulation by IL-18 or IL-15. <i>Journal of Immunology</i> , 2010, 184, 6504-6513.	0.4	93
66	Significance of Travel to Rural Areas as a Risk Factor for Malarial Anemia in an Urban Setting. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 82, 391-397.	0.6	25
67	Clinical Predictors of a Diagnosis of Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 832-837.	2.5	220
68	Gender influences health-related Quality of Life in IPF. <i>Respiratory Medicine</i> , 2010, 104, 724-730.	1.3	38
69	Clinical Significance of Radiologic Characterizations in COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2009, 6, 459-467.	0.7	85
70	The Prognostic Value of Cardiopulmonary Exercise Testing in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 402-407.	2.5	98
71	Defining Transplantation and Listing Benefit in Patients with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 1054-1055.	2.5	6
72	Impact of <i>Burkholderia</i> Infection on Lung Transplantation in Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 363-371.	2.5	165

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73	Longitudinal Change in the BODE Index Predicts Mortality in Severe Emphysema. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 491-499.	2.5	114
74	Course of FEV1 after Onset of Bronchiolitis Obliterans Syndrome in Lung Transplant Recipients. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 1192-1198.	2.5	94
75	Sex Differences in Severe Pulmonary Emphysema. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 243-252.	2.5	301
76	Idiopathic Interstitial Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 1054-1060.	2.5	241
77	Multiple imputation for interval censored data with auxiliary variables. Statistics in Medicine, 2007, 26, 769-781.	0.8	29
78	Regression Models for the Mean of the Quality-of-Life-Adjusted Restricted Survival Time Using Pseudo-Observations. Biometrics, 2007, 63, 398-404.	0.8	15
79	Surgical patient outcomes after the increased use of bilateral lung transplantation. Journal of Thoracic and Cardiovascular Surgery, 2007, 133, 532-540.	0.4	21
80	Evidence for tissue-resident mesenchymal stem cells in human adult lung from studies of transplanted allografts. Journal of Clinical Investigation, 2007, 117, 989-996.	3.9	272
81	Survival analysis using auxiliary variables via non-parametric multiple imputation. Statistics in Medicine, 2006, 25, 3503-3517.	0.8	51
82	Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 803-809.	2.5	333
83	Estimating the quality-of-life-adjusted gap time distribution of successive events subject to censoring. Biometrika, 2006, 93, 343-355.	1.3	5
84	Simultaneous Group Sequential Analysis of Rank-Based and Weighted Kaplan-Meier Tests for Paired Censored Survival Data. Biometrics, 2005, 61, 715-720.	0.8	5
85	Clinical and Radiologic Assessments to Predict Breast Cancer Pathologic Complete Response to Neoadjuvant Chemotherapy. Breast Cancer Research and Treatment, 2005, 92, 231-238.	1.1	131
86	Non-parametric paired two-sample tests for censored survival data incorporating longitudinal covariate information. Statistics in Medicine, 2005, 24, 301-318.	0.8	0
87	Prognostic Value of Bronchiolitis Obliterans Syndrome Stage 0-p in Single-Lung Transplant Recipients. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 379-383.	2.5	61
88	Idiopathic Interstitial Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 904-910.	2.5	574
89	Prognostic Value of Desaturation during a 6-Minute Walk Test in Idiopathic Interstitial Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 1084-1090.	2.5	459
90	Fibroblastic Foci in Usual Interstitial Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 1410-1415.	2.5	235

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91	Prognostic Implications of Physiologic and Radiographic Changes in Idiopathic Interstitial Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 543-548.	2.5	461
92	Survival estimation and testing via multiple imputation. Statistics and Probability Letters, 2002, 58, 221-232.	0.4	41
93	Group sequential monitoring of years of life saved with paired censored survival data. Statistics in Medicine, 2002, 21, 177-189.	0.8	2
94	ASSESSMENT OF EARLY CONTINENCE RECOVERY AFTER RADICAL PROSTATECTOMY: PATIENT REPORTED SYMPTOMS AND IMPAIRMENT. Journal of Urology, 2001, 166, 958-961.	0.2	39
95	Using auxiliary time-dependent covariates to recover information in nonparametric testing with censored data. , 2001, 7, 125-141.		9
96	Using Weighted Kaplan-Meier Statistics in Nonparametric Comparisons of Paired Censored Survival Outcomes. Biometrics, 2001, 57, 361-368.	0.8	25
97	Variance and Sample Size Calculations in Quality-of-Life-Adjusted Survival Analysis (Q-TWiST). Biometrics, 2000, 56, 173-182.	0.8	18
98	Nonparametric Rank-Based Methods for Group Sequential Monitoring of Paired Censored Survival Data. Biometrics, 2000, 56, 984-990.	0.8	16
99	Sequential Methods for Comparing Years of Life Saved in the Two-Sample Censored Data Problem. Biometrics, 1999, 55, 1085-1092.	0.8	20
100	IL-7 enhances Ag-specific human T cell response by increasing expression of IL-2R $\alpha$ and $\beta$ chains. Journal of Neuroimmunology, 1999, 96, 101-111.	1.1	21
101	Simplified method of identifying severe combined immunodeficient (SCID) mice versus non-SCID mice by flow cytometric analysis of peripheral blood. , 1998, 32, 274-279.		2
102	Meperidine Attenuates the Secretion But Not the Transcription of Interleukin 1 $\alpha$ in Human Mononuclear Leukocytes. Nursing Research, 1998, 47, 19-24.	0.8	2
103	Tumor growth, weight loss and cytokines in SCID mice. Cancer Letters, 1997, 111, 111-115.	3.2	27
104	Nonparametric Survival Estimation Using Prognostic Longitudinal Covariates. Biometrics, 1996, 52, 137.	0.8	57