Charles A Powell

List of Publications by Year in Descending Order

102 papers	11,974 citations	45 h-index	109 g-index
123 ext. papers	14,705 ext. citations	6.8 avg, IF	6.05 L-index

#	Paper	IF	Citations
102	Early-Stage Lung Adenocarcinoma MDM2 Genomic Amplification Predicts Clinical Outcome and Response to Targeted Therapy.. *Cancers*, **2022**, 14,	6.6	2
101	Tumour endothelial cells for translational research and therapeutics. *Clinical and Translational Discovery*, **2022**, 2,		
100	Integrative network analysis of early-stage lung adenocarcinoma identifies aurora kinase inhibition as interceptor of invasion and progression.. *Nature Communications*, **2022**, 13, 1592	17.4	1
99	Application of Internet of Things in Chronic Respiratory Disease Prevention, Diagnosis, Treatment and Management. *Clinical EHealth*, **2022**, 5, 10-16	5.4	0
98	Chest CT Diagnosis and Clinical Management of Drug-related Pneumonitis in Patients Receiving Molecular Targeting Agents and Immune Checkpoint Inhibitors: A Position Paper from the Fleischner Society. *Radiology*, **2021**, 298, 550-566	20.5	15
97	Chest CT Diagnosis and Clinical Management of Drug-Related Pneumonitis in Patients Receiving Molecular Targeting Agents and Immune Checkpoint Inhibitors: A Position Paper From the Fleischner Society. *Chest*, **2021**, 159, 1107-1125	5.3	15
96	Impact of corticosteroids in hospitalised COVID-19 patients. *BMJ Open Respiratory Research*, **2021**, 8,	5.6	13
95	Targeting the Complement Cascade in the Pathophysiology of COVID-19 Disease. *Journal of Clinical Medicine*, **2021**, 10,	5.1	3
94	Platinum-doublet chemotherapy as second-line treatment for relapsed patients with small-cell lung cancer: A systematic review and meta-analysis. *Lung Cancer*, **2021**, 156, 59-67	5.9	0
93	Role of endothelial cells in tumor microenvironment. *Clinical and Translational Medicine*, **2021**, 11, e450	5.7	4
92	Prototypical oncogene family Myc defines unappreciated distinct lineage states of small cell lung cancer. *Science Advances*, **2021**, 7,	14.3	10
91	COVID-19 critical illness pathophysiology driven by diffuse pulmonary thrombi and pulmonary endothelial dysfunction responsive to thrombolysis. *Clinical and Translational Medicine*, **2020**, 10, e44	5.7	77
90	COVID-19 ventilator barotrauma management: less is more. *Annals of Translational Medicine*, **2020**, 8, 1575	3.2	6
89	Genomic Underpinnings of Tumor Behavior in and Early Lung Adenocarcinoma. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 201, 697-706	10.2	18
88	Pulmonary Vascular Dilatation Detected by Automated Transcranial Doppler in COVID-19 Pneumonia. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 202, 1037-1039	10.2	49
87	Epidemiology of lung cancer and lung cancer screening programs in China and the United States. *Cancer Letters*, **2020**, 468, 82-87	9.9	82
86	Interstitial Lung Abnormalities and Lung Cancer Risk in the National Lung Screening Trial. *Chest*, **2019**, 156, 1195-1203	5.3	26

85	Sequencing Lung Cancers Sequence. *American Journal of Respiratory and Critical Care Medicine*, **2019**, 200, 657-659	10.2	
84	Summary of the Japanese Respiratory Society statement for the treatment of lung cancer with comorbid interstitial pneumonia. *Respiratory Investigation*, **2019**, 57, 512-533	3.4	19
83	Global Epidemiology of Lung Cancer. *Annals of Global Health*, **2019**, 85,	3.3	391
82	Epigenomic Profiling Discovers Trans-lineage SOX2 Partnerships Driving Tumor Heterogeneity in Lung Squamous Cell Carcinoma. *Cancer Research*, **2019**, 79, 6084-6100	10.1	13
81	Baseline and annual repeat rounds of screening: implications for optimal regimens of screening. *European Radiology*, **2018**, 28, 1085-1094	8	17
80	COUNTERPOINT: Should Only Primary Care Physicians Provide Shared Decision-making Services to Discuss the Risks/Benefits of a Low-Dose Chest CT Scan for Lung Cancer Screening? No. *Chest*, **2017**, 151, 1215-1217	5.3	6
79	Pulmonary Infiltrates in a Patient With Advanced Melanoma. *Journal of Clinical Oncology*, **2017**, 35, 705-708	20.8	9
78	Guidelines for Management of Incidental Pulmonary Nodules Detected on CT Images: From the Fleischner Society 2017. *Radiology*, **2017**, 284, 228-243	20.5	951
77	The Asthma Mobile Health Study, a large-scale clinical observational study using ResearchKit. *Nature Biotechnology*, **2017**, 35, 354-362	44.5	118
76	Lung Cancer Diagnosis by Fine Needle Aspiration Is Associated With Reduction in Resection of Nonmalignant Lung Nodules. *Annals of Thoracic Surgery*, **2017**, 103, 1795-1801	2.7	15
75	Evaluating Molecular Biomarkers for the Early Detection of Lung Cancer: When Is a Biomarker Ready for Clinical Use? An Official American Thoracic Society Policy Statement. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 196, e15-e29	10.2	57
74	Update in Lung Cancer 2015. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 194, 661-71	10.2	10
73	The IASLC Lung Cancer Staging Project: Proposals for Coding T Categories for Subsolid Nodules and Assessment of Tumor Size in Part-Solid Tumors in the Forthcoming Eighth Edition of the TNM Classification of Lung Cancer. *Journal of Thoracic Oncology*, **2016**, 11, 1204-1223	8.9	333
72	The IASLC Lung Cancer Staging Project: Background Data and Proposals for the Application of TNM Staging Rules to Lung Cancer Presenting as Multiple Nodules with Ground Glass or Lepidic Features or a Pneumonic Type of Involvement in the Forthcoming Eighth Edition of the TNM Classification.	8.9	116
71	The IASLC Lung Cancer Staging Project: Summary of Proposals for Revisions of the Classification of Lung Cancers with Multiple Pulmonary Sites of Involvement in the Forthcoming Eighth Edition of the TNM Classification. *Journal of Thoracic Oncology*, **2016**, 11, 639-650	8.9	122
70	Update in Lung Cancer 2014. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 192, 283-94	10.2	27
69	Limited Resection Versus Lobectomy for Older Patients With Early-Stage Lung Cancer: Impact of Histology. *Journal of Clinical Oncology*, **2015**, 33, 3447-53	2.2	70
68	Integrative analysis of DNA methylation and gene expression data identifies EPAS1 as a key regulator of COPD. *PLoS Genetics*, **2015**, 11, e1004898	6	54

67	An official American Thoracic Society/American College of Chest Physicians policy statement: implementation of low-dose computed tomography lung cancer screening programs in clinical practice. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 192, 881-91	10.2	146
66	An Official American Thoracic Society Research Statement: A Research Framework for Pulmonary Nodule Evaluation and Management. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 192, 500-14	10.2	28
65	The non-small cell lung cancer immune contexture. A major determinant of tumor characteristics and patient outcome. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 191, 377-90	10.2	140
64	Components necessary for high-quality lung cancer screening: American College of Chest Physicians and American Thoracic Society Policy Statement. *Chest*, **2015**, 147, 295-303	5.3	138
63	Outcomes after Stereotactic Body Radiotherapy versus Limited Resection in Older Patients with Early-Stage Lung Cancer. *Journal of Thoracic Oncology*, **2015**, 10, 1201-6	8.9	35
62	Genome-wide study of percent emphysema on computed tomography in the general population. The Multi-Ethnic Study of Atherosclerosis Lung/SNP Health Association Resource Study. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 189, 408-18	10.2	77
61	Cultural factors associated with racial disparities in lung cancer care. *Annals of the American Thoracic Society*, **2014**, 11, 489-95	4.7	50
60	MODMatcher: multi-omics data matcher for integrative genomic analysis. *PLoS Computational Biology*, **2014**, 10, e1003790	5	25
59	APOM and high-density lipoprotein cholesterol are associated with lung function and per cent emphysema. *European Respiratory Journal*, **2014**, 43, 1003-17	13.6	29
58	Association of patient-provider communication domains with lung cancer treatment. *Journal of Thoracic Oncology*, **2014**, 9, 1249-54	8.9	15
57	Molecular testing guidelines for lung adenocarcinoma: Utility of cell blocks and concordance between fine-needle aspiration cytology and histology samples. *CytoJournal*, **2014**, 11, 12	1.1	25
56	Update in lung cancer and mesothelioma 2012. *American Journal of Respiratory and Critical Care Medicine*, **2013**, 188, 157-66	10.2	23
55	PARP inhibition selectively increases sensitivity to cisplatin in ERCC1-low non-small cell lung cancer cells. *Carcinogenesis*, **2013**, 34, 739-49	4.6	72
54	An official American Thoracic Society/European Respiratory Society statement: the role of the pulmonologist in the diagnosis and management of lung cancer. *American Journal of Respiratory and Critical Care Medicine*, **2013**, 188, 503-7	10.2	36
53	Thymidylate synthase expression and molecular alterations in adenosquamous carcinoma of the lung. *Modern Pathology*, **2013**, 26, 239-46	9.8	12
52	Comparative anatomy of chromosomal domains with imprinted and non-imprinted allele-specific DNA methylation. *PLoS Genetics*, **2013**, 9, e1003622	6	34
51	Evaluating beliefs associated with late-stage lung cancer presentation in minorities. *Journal of Thoracic Oncology*, **2013**, 8, 12-8	8.9	30
50	Molecular biology of lung cancer: Diagnosis and management of lung cancer, 3rd ed: American College of Chest Physicians evidence-based clinical practice guidelines. *Chest*, **2013**, 143, e30S-e39S	5.3	57

49	Acquisition and processing of endobronchial ultrasound-guided transbronchial needle aspiration specimens in the era of targeted lung cancer chemotherapy. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 185, 606-11	10.2	66
48	Racial and ethnic differences in beliefs about lung cancer care. *Chest*, **2012**, 142, 1251-1258	5.3	38
47	Do all lung adenocarcinomas follow a stepwise progression?. *Lung Cancer*, **2011**, 74, 7-11	5.9	77
46	International Association for the Study of Lung Cancer/American Thoracic Society/European Respiratory Society: international multidisciplinary classification of lung adenocarcinoma: executive summary. *Proceedings of the American Thoracic Society*, **2011**, 8, 381-5		346
45	Lysyl oxidase: a lung adenocarcinoma biomarker of invasion and survival. *Cancer*, **2011**, 117, 2186-91	6.4	62
44	Patients rate physician communication about lung cancer. *Cancer*, **2011**, 117, 5212-20	6.4	57
43	Update in lung cancer and oncological disorders 2010. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 297-302	10.2	6
42	Progression of human bronchioloalveolar carcinoma to invasive adenocarcinoma is modeled in a transgenic mouse model of K-ras-induced lung cancer by loss of the TGF-[illegible]type II receptor. *Cancer Research*, **2011**, 71, 6665-75	10.1	30
41	International association for the study of lung cancer/american thoracic society/european respiratory society international multidisciplinary classification of lung adenocarcinoma. *Journal of Thoracic Oncology*, **2011**, 6, 244-85	8.9	3178
40	Effectiveness of radiation therapy for elderly patients with unresected stage I and II non-small cell lung cancer. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 181, 264-9	10.2	53
39	The Gender-Specific Aspects of Lung Cancer **2010**, 260-269		
38	Tgf-beta signaling pathway in lung adenocarcinoma invasion. *Journal of Thoracic Oncology*, **2010**, 5, 153-8	8.9	48
37	Pathologic diagnosis of advanced lung cancer based on small biopsies and cytology: a paradigm shift. *Journal of Thoracic Oncology*, **2010**, 5, 411-4	8.9	144
36	Molecular testing in lung cancer: the time is now. *Current Oncology Reports*, **2010**, 12, 335-48	6.3	18
35	Computer-aided diagnosis of pulmonary nodules using a two-step approach for feature selection and classifier ensemble construction. *Artificial Intelligence in Medicine*, **2010**, 50, 43-53	7.4	89
34	Update in lung cancer 2008. *American Journal of Respiratory and Critical Care Medicine*, **2009**, 179, 860-8	10.2	34
33	Rounding up apoptosis resistance targets in lung cancer. *American Journal of Respiratory Cell and Molecular Biology*, **2009**, 41, 7-8	5.7	2
32	Genomics of lung cancer. *Proceedings of the American Thoracic Society*, **2009**, 6, 152-8		34

31	Invasive size is an independent predictor of survival in pulmonary adenocarcinoma. *American Journal of Surgical Pathology*, **2009**, 33, 462-9	6.7	150
30	Lung adenocarcinoma invasion in TGFbetaRII-deficient cells is mediated by CCL5/RANTES. *Oncogene*, **2008**, 27, 557-64	9.2	53
29	No effect of cigarette smoking dose on oxidized plasma proteins. *Environmental Research*, **2008**, 106, 219-25	7.9	25
28	Plasma carbonyls do not correlate with lung function or computed tomography measures of lung density in older smokers. *Biomarkers*, **2008**, 13, 422-34	2.6	19
27	A Two-Step Approach for Feature Selection and Classifier Ensemble Construction in Computer-Aided Diagnosis **2008**,		13
26	Carcinoma of the lung and metastatic disease of the central nervous system. *American Journal of Respiratory and Critical Care Medicine*, **2008**, 178, 1090; author reply 1090	10.2	3
25	Update in lung cancer 2007. *American Journal of Respiratory and Critical Care Medicine*, **2008**, 177, 941-6	10.2	30
24	Waiting to exhale. *American Journal of Respiratory and Critical Care Medicine*, **2008**, 177, 246-7	10.2	5
23	Impact of segmentation uncertainties on computer-aided diagnosis of pulmonary nodules. *International Journal of Computer Assisted Radiology and Surgery*, **2008**, 3, 551-558	3.9	3
22	Molecular profiling of malignant peritoneal mesothelioma identifies the ubiquitin-proteasome pathway as a therapeutic target in poor prognosis tumors. *Oncogene*, **2007**, 26, 610-7	9.2	44
21	Expression of the cytoskeleton linker protein ezrin in human cancers. *Clinical and Experimental Metastasis*, **2007**, 24, 69-78	4.7	102
20	Update in lung cancer 2006. *American Journal of Respiratory and Critical Care Medicine*, **2007**, 175, 868-74	10.2	7
19	Expression profiling and lung cancer development. *Proceedings of the American Thoracic Society*, **2007**, 4, 127-32		27
18	A 10-gene classifier for distinguishing head and neck squamous cell carcinoma and lung squamous cell carcinoma. *Clinical Cancer Research*, **2007**, 13, 2905-15	12.9	51
17	Clinical predictors of metastatic disease to the brain from non-small cell lung carcinoma: primary tumor size, cell type, and lymph node metastases. *Radiology*, **2007**, 242, 882-8	20.5	153
16	Epigenetic inactivation of Betaig-h3 gene in human cancer cells. *Cancer Research*, **2006**, 66, 4566-73	10.1	44
15	The Epithelial Cell in Lung Health and Emphysema Pathogenesis. *Current Respiratory Medicine Reviews*, **2006**, 2, 101-142	0.3	37
14	Structural emphysema does not correlate with lung compliance: lessons from the mouse smoking model. *Experimental Lung Research*, **2005**, 31, 547-62	2.3	65

13	CDX2 immunostaining as a gastrointestinal marker: expression in lung carcinomas is a potential pitfall. *Applied Immunohistochemistry and Molecular Morphology*, **2005**, 13, 55-60	1.9	60
12	Utility of CD138 (syndecan-1) in distinguishing carcinomas from mesotheliomas. *Diagnostic Cytopathology*, **2005**, 33, 65-70	1.4	21
11	P16 loss and mitotic activity predict poor survival in patients with peritoneal malignant mesothelioma. *Clinical Cancer Research*, **2005**, 11, 3303-8	12.9	56
10	Lung adenocarcinoma global profiling identifies type II transforming growth factor-beta receptor as a repressor of invasiveness. *American Journal of Respiratory and Critical Care Medicine*, **2005**, 172, 729-37	10.2	70
9	Molecular signatures in biopsy specimens of lung cancer. *American Journal of Respiratory and Critical Care Medicine*, **2004**, 170, 167-74	10.2	91
8	Expression of syndecan-1 and expression of epidermal growth factor receptor are associated with survival in patients with nonsmall cell lung carcinoma. *Cancer*, **2004**, 101, 1632-8	6.4	68
7	Class Prediction of Lung Nodule Gene Expression Profiles. *Chest*, **2004**, 125, 104S	5.3	2
6	The heparan sulfate proteoglycan GPC3 is a potential lung tumor suppressor. *American Journal of Respiratory Cell and Molecular Biology*, **2003**, 29, 694-701	5.7	86
5	Gene expression in lung adenocarcinomas of smokers and nonsmokers. *American Journal of Respiratory Cell and Molecular Biology*, **2003**, 29, 157-62	5.7	102
4	Non-small-cell lung cancer molecular signatures recapitulate lung developmental pathways. *American Journal of Pathology*, **2003**, 163, 1949-60	5.8	185
3	Patterns of allelic loss differ in lung adenocarcinomas of smokers and nonsmokers. *Lung Cancer*, **2003**, 39, 23-9	5.9	28
2	Oligonucleotide microarray analysis of lung adenocarcinoma in smokers and nonsmokers identifies GPC3 as a potential lung tumor suppressor. *Chest*, **2002**, 121, 6S-7S	5.3	21
1	Gene expression in WilmsStumor mimics the earliest committed stage in the metanephric mesenchymal-epithelial transition. *American Journal of Pathology*, **2002**, 160, 2181-90	5.8	197