Babu V Naidu

List of Publications by Year
in descending order

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103	9,033	136885 32	45285 90
papers	citations	h-index	g-index

111	111	111	14671
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tracking the Evolution of Nonâ€“Small-Cell Lung Cancer. New England Journal of Medicine, 2017, 376, 2109-2121.	13.9	1,786
2	Phylogenetic ctDNA analysis depicts early-stage lung cancer evolution. Nature, 2017, 545, 446-451.	13.7	1,287
3	Allele-Specific HLA Loss and Immune Escape in Lung Cancer Evolution. Cell, 2017, 171, 1259-1271.e11.	13.5	968
4	Guidelines for enhanced recovery after lung surgery: recommendations of the Enhanced Recovery After Surgery (ERASÂ®) Society and the European Society of Thoracic Surgeons (ESTS). European Journal of Cardio-thoracic Surgery, 2019, 55, 91-115.	0.6	749
5	Fc Effector Function Contributes to the Activity of Human Anti-CTLA-4 Antibodies. Cancer Cell, 2018, 33, 649-663.e4.	7.7	448
6	Fc-Optimized Anti-CD25 Depletes Tumor-Infiltrating Regulatory T Cells and Synergizes with PD-1 Blockade to Eradicate Established Tumors. Immunity, 2017, 46, 577-586.	6.6	323
7	Vitamin D deficiency contributes directly to the acute respiratory distress syndrome (ARDS). Thorax, 2015, 70, 617-624.	2.7	258
8	Paravertebral block versus thoracic epidural for patients undergoing thoracotomy. The Cochrane Library, 2016, 2016, CD009121.	1.5	240
9	Pro-inflammatory effects of e-cigarette vapour condensate on human alveolar macrophages. Thorax, 2018, 73, 1161-1169.	2.7	205
10	Tracking Genomic Cancer Evolution for Precision Medicine: The Lung TRACERx Study. PLoS Biology, 2014, 12, e1001906.	2.6	185
11	Long-term impact of developing a postoperative pulmonary complication after lung surgery. Thorax, 2016, 71, 171-176.	2.7	139
12	The role of proinflammatory cytokines in lung ischemia-reperfusion injury. Journal of Thoracic and Cardiovascular Surgery, 2003, 125, 261-272.	0.4	133
13	Cigarette smoke exposure and alveolar macrophages: mechanisms for lung disease. Thorax, 2022, 77, 94-101.	2.7	132
14	Early activation of the alveolar macrophage is critical to the development of lung ischemia-reperfusion injury. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 200-207.	0.4	110
15	Simvastatin ameliorates injury in an experimental model of lung ischemia-reperfusion. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 482-489.	0.4	101
16	Effectiveness of incentive spirometry in patients following thoracotomy and lung resection including those at high risk for developing pulmonary complications. Thorax, 2013, 68, 580-585.	2.7	90
17	Is preoperative physiotherapy/pulmonary rehabilitation beneficial in lung resection patients?. Interactive Cardiovascular and Thoracic Surgery, 2011, 13, 300-302.	0.5	76
18	Smoking and timing of cessation on postoperative pulmonary complications after curative-intent lung cancer surgery. Journal of Cardiothoracic Surgery, 2017, 12, 52.	0.4	74

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19	Risk factors and short-term outcomes of postoperative pulmonary complications after VATS lobectomy. Journal of Cardiothoracic Surgery, 2018, 13, 28.	0.4	74
20	Does a conservative fluid management strategy in the perioperative management of lung resection patients reduce the risk of acute lung injury?. Interactive Cardiovascular and Thoracic Surgery, 2012, 15, 498-504.	0.5	69
21	Postoperative pulmonary complications and rehabilitation requirements following lobectomy: a propensity score matched study of patients undergoing video-assisted thoracoscopic surgery versus thoracotomyâ€. Interactive Cardiovascular and Thoracic Surgery, 2017, 24, 931-937.	0.5	62
22	Venous Thromboembolism in Patients Undergoing Operations for Lung Cancer: A Systematic Review. Annals of Thoracic Surgery, 2014, 97, 394-400.	0.7	61
23	Early tumor necrosis factor-Î± release from the pulmonary macrophage in lung ischemia-reperfusion injury. Journal of Thoracic and Cardiovascular Surgery, 2004, 127, 1502-1508.	0.4	60
24	Pulmonary rehabilitation programme for patients undergoing curative lung cancer surgery. European Journal of Cardio-thoracic Surgery, 2013, 44, e266-e271.	0.6	56
25	Representative Sequencing: Unbiased Sampling of Solid Tumor Tissue. Cell Reports, 2020, 31, 107550.	2.9	51
26	Critical role of reactive nitrogen species in lung ischemiaâ€“reperfusion injury. Journal of Heart and Lung Transplantation, 2003, 22, 784-793.	0.3	48
27	Novel broad-spectrum chemokine inhibitor protects against lung ischemia-reperfusion injury. Journal of Heart and Lung Transplantation, 2004, 23, 128-134.	0.3	46
28	Regulation of chemokine expression by cyclosporine a in alveolar macrophages exposed to hypoxia and reoxygenation. Annals of Thoracic Surgery, 2002, 74, 899-905.	0.7	45
29	Thoracoscore fails to predict complications following elective lung resection. European Respiratory Journal, 2012, 40, 1496-1501.	3.1	44
30	Potentially modifiable factors contribute to limitation in physical activity following thoracotomy and lung resection: a prospective observational study. Journal of Cardiothoracic Surgery, 2014, 9, 128.	0.4	44
31	Survival following Pulmonary Metastasectomy for Sarcoma. Thoracic and Cardiovascular Surgeon, 2016, 64, 146-149.	0.4	41
32	Does repair of pectus excavatum improve cardiopulmonary function?. Interactive Cardiovascular and Thoracic Surgery, 2013, 16, 865-870.	0.5	40
33	Using DNA sequencing data to quantify T cell fraction and therapy response. Nature, 2021, 597, 555-560.	13.7	36
34	Is incentive spirometry effective following thoracic surgery?. Interactive Cardiovascular and Thoracic Surgery, 2007, 7, 297-300.	0.5	31
35	Chest wall motion analysis in healthy volunteers and adults with cystic fibrosis using a novel Kinect-based motion tracking system. Medical and Biological Engineering and Computing, 2016, 54, 1631-1640.	1.6	29
36	Surgical lung cancer patientsâ€™ views about smoking and support to quit after diagnosis: a qualitative study. Journal of Cancer Survivorship, 2016, 10, 312-319.	1.5	29

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37	Circulating DBP level and prognosis in operated lung cancer: an exploration of pathophysiology. European Respiratory Journal, 2013, 41, 410-416.	3.1	28
38	SABRTooth: a randomised controlled feasibility study of stereotactic ablative radiotherapy (SABR) with surgery in patients with peripheral stage I nonsmall cell lung cancer considered to be at higher risk of complications from surgical resection. European Respiratory Journal, 2020, 56, 2000118.	3.1	27
39	Î²-chemokine function in experimental lung ischemia-reperfusion injury. Annals of Thoracic Surgery, 2004, 77, 1056-1062.	0.7	26
40	Endogenous interleukin-4 and interleukin-10 regulate experimental lung ischemia reperfusion injury. Annals of Thoracic Surgery, 2003, 76, 253-259.	0.7	25
41	A 20-year review of pectus surgery: an analysis of factors predictive of recurrence and outcomes. Interactive Cardiovascular and Thoracic Surgery, 2016, 23, 908-913.	0.5	24
42	Acute respiratory distress syndrome is associated with impaired alveolar macrophage efferocytosis. European Respiratory Journal, 2021, 58, 2100829.	3.1	24
43	A highly predictive autoantibody-based biomarker panel for prognosis in early-stage NSCLC with potential therapeutic implications. British Journal of Cancer, 2022, 126, 238-246.	2.9	24
44	Alpha chemokines regulate direct lung ischemiaâ€“reperfusion injury. Journal of Heart and Lung Transplantation, 2004, 23, 585-591.	0.3	23
45	Test performance of PET-CT for mediastinal lymph node staging of pulmonary carcinoid tumours. Thorax, 2015, 70, 379-381.	2.7	23
46	Chemokine response of pulmonary artery endothelial cells to hypoxia and reoxygenation 1 1Presented at the annual meeting of the Association for Academic Surgery, Boston, MA, November 7â€“9, 2002.. Journal of Surgical Research, 2003, 114, 163-171.	0.8	22
47	Does the revised cardiac risk index predict cardiac complications following elective lung resection?. Journal of Cardiothoracic Surgery, 2013, 8, 220.	0.4	22
48	Fit 4 surgery, a bespoke app with biofeedback delivers rehabilitation at home before and after elective lung resection. Journal of Cardiothoracic Surgery, 2019, 14, 132.	0.4	22
49	Bronchoscopic Management of Patients With Symptomatic Airway Stenosis and Prognostic Factors for Survival. Annals of Thoracic Surgery, 2015, 99, 1725-1730.	0.7	21
50	National survey of enhanced recovery after thoracic surgery practice in the United Kingdom and Ireland. Journal of Cardiothoracic Surgery, 2020, 15, 95.	0.4	21
51	Lipoxin A4promotes lung epithelial repair whilst inhibiting fibroblast proliferation. ERJ Open Research, 2016, 2, 00079-2015.	1.1	20
52	Multidisciplinary Oncoplastic Approach Reduces Infection in Chest Wall Resection and Reconstruction for Malignant Chest Wall Tumors. Plastic and Reconstructive Surgery - Global Open, 2016, 4, e809.	0.3	20
53	Thoracoscore and European Society Objective Score Fail to Predict Mortality in the UK. World Journal of Oncology, 2015, 6, 270-275.	0.6	19
54	Exercise improvement after pectus excavatum repair is not related to chest wall functionâ€. European Journal of Cardio-thoracic Surgery, 2014, 45, 544-548.	0.6	18

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55	Predicting Postoperative Lung Function Following Lung Cancer Resection: A Systematic Review and Meta-analysis. EClinicalMedicine, 2019, 15, 7-13.	3.2	18
56	Measuring changes in chest wall motion after lung resection using structured light plethysmography: a feasibility study. Interactive Cardiovascular and Thoracic Surgery, 2016, 23, 544-547.	0.5	17
57	In patients with resectable non-small-cell lung cancer, is video-assisted thoracoscopic segmentectomy an appropriate alternative to video-assisted thoracoscopic lobectomy?: Table 1:. Interactive Cardiovascular and Thoracic Surgery, 2016, 23, 826-831.	0.5	17
58	Broad-spectrum chemokine inhibition ameliorates experimental obliterative bronchiolitis. Annals of Thoracic Surgery, 2003, 75, 1118-1122.	0.7	16
59	Measuring lung water following major lung resection. Interactive Cardiovascular and Thoracic Surgery, 2009, 8, 503-506.	0.5	16
60	Is prophylactic minitracheostomy beneficial in high-risk patients undergoing thoracotomy and lung resection?. Interactive Cardiovascular and Thoracic Surgery, 2011, 12, 615-618.	0.5	16
61	IRP2 as a potential modulator of cell proliferation, apoptosis and prognosis in nonsmall cell lung cancer. European Respiratory Journal, 2017, 49, 1600711.	3.1	16
62	Chest Wall Mechanics InÂVivo With a New Custom-Made Three-Dimensionalâ€“Printed Sternal Prosthesis. Annals of Thoracic Surgery, 2018, 105, 1272-1276.	0.7	16
63	Regulatory Role of IL-10 in Experimental Obliterative Bronchiolitis in Rats. Experimental and Molecular Pathology, 2002, 73, 164-170.	0.9	15
64	The role of the beta chemokines in experimental obliterative bronchiolitis. Experimental and Molecular Pathology, 2003, 75, 210-216.	0.9	15
65	BioGlue and Peri-strips in lung volume reduction surgery: pilot randomised controlled trial. Journal of Cardiothoracic Surgery, 2009, 4, 37.	0.4	15
66	Role of Poly (ADP) ribose synthetase in lung ischemiaâ€”reperfusion injury. Journal of Heart and Lung Transplantation, 2004, 23, 1290-1296.	0.3	14
67	Enhanced peroxynitrite decomposition protects against experimental obliterative bronchiolitis. Experimental and Molecular Pathology, 2003, 75, 12-17.	0.9	13
68	Poly (ADP) ribose synthetase inhibition reduces obliterative airway disease in rat tracheal allografts. Journal of Heart and Lung Transplantation, 2004, 23, 993-1002.	0.3	13
69	Chest wall mechanics before and after diaphragm plication. Journal of Cardiothoracic Surgery, 2016, 11, 25.	0.4	13
70	Randomised controlled pilot study to investigate the effectiveness of thoracic epidural and paravertebral blockade in reducing chronic post-thoracotomy pain: TOPIC feasibility study protocol. BMJ Open, 2016, 6, e012735.	0.8	12
71	The key questions in rehabilitation in thoracic surgery. Journal of Thoracic Disease, 2018, 10, S924-S930.	0.6	11
72	Chest Wall Reconstruction with Porcine Acellular Dermal Matrix (Strattice) and Autologous Tissue Transfer for High Risk Patients with Chest Wall Tumors. Plastic and Reconstructive Surgery - Global Open, 2018, 6, e1703.	0.3	11

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73	Endotracheal calcineurin inhibition ameliorates injury in an experimental model of lung ischemia-reperfusion. Journal of Thoracic and Cardiovascular Surgery, 2004, 127, 376-384.	0.4	10
74	Ex vivo modelling of PD-1/PD-L1 immune checkpoint blockade under acute, chronic, and exhaustion-like conditions of T-cell stimulation. Scientific Reports, 2021, 11, 4030.	1.6	10
75	Relevant Surgical Anatomy of the Chest Wall. Thoracic Surgery Clinics, 2010, 20, 453-463.	0.4	9
76	Toponome imaging system: multiplex biomarkers in oncology. Trends in Molecular Medicine, 2012, 18, 723-731.	3.5	9
77	Patients want more information after surgery: a prospective audit of satisfaction with perioperative information in lung cancer surgery. Journal of Cardiothoracic Surgery, 2018, 13, 18.	0.4	9
78	Randomised controlled trial to investigate the effectiveness of thoracic epidural and paravertebral blockade in reducing chronic post-thoracotomy pain (TOPIC): a pilot study to assess feasibility of a large multicentre trial. BMJ Open, 2019, 9, e023679.	0.8	9
79	Predicting postoperative pain in lung cancer patients using preoperative peak alpha frequency. British Journal of Anaesthesia, 2022, 128, e346-e348.	1.5	9
80	A novel two-hit rodent model of postoperative acute lung injury: priming the immune system leads to an exaggerated injury after pneumonectomyâ€. Interactive Cardiovascular and Thoracic Surgery, 2013, 16, 844-848.	0.5	8
81	The significance of microvascular invasion after complete resection of early-stage non-small-cell lung cancer: Table 1:. Interactive Cardiovascular and Thoracic Surgery, 2016, 22, 101-105.	0.5	8
82	Perioperative immune function and pain control may underlie early hospital readmission and 90 day mortality following lung cancer resection: A prospective cohort study of 932 patients. European Journal of Surgical Oncology, 2019, 45, 863-869.	0.5	8
83	Fluid management in the thoracic surgical patient: where is the balance?. Journal of Thoracic Disease, 2019, 11, 2205-2207.	0.6	7
84	Chest wall resection and reconstruction for recurrent breast cancer â€“ A multidisciplinary approach. Journal of the Royal College of Surgeons of Edinburgh, 2020, 18, 208-213.	0.8	7
85	Do endobronchial valves improve outcomes in patients with emphysema?. Interactive Cardiovascular and Thoracic Surgery, 2012, 15, 1072-1076.	0.5	6
86	Developments in the Management of Patients with Lung Cancer in the United Kingdom Have Improved Quality of Care. Proceedings of the American Thoracic Society, 2008, 5, 816-819.	3.5	5
87	Pectus patient information website has improved access to care and patient reported outcomes. Journal of Cardiothoracic Surgery, 2016, 11, 69.	0.4	5
88	Protocol for a feasibility study of smoking cessation in the surgical pathway before major lung surgery: Project MURRAY. BMJ Open, 2020, 10, e036568.	0.8	5
89	Positron emission tomography aids diagnosis of relapsing polychondritis. BMJ Case Reports, 2014, 2014, bcr2013203367-bcr2013203367.	0.2	4
90	Changes in chest wall motion with removal of Nuss bar in repaired pectus excavatum â€“ a cohort study. Journal of Cardiothoracic Surgery, 2019, 14, 4.	0.4	4

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91	Assessment of Alveolar Macrophage Dysfunction Using an in vitro Model of Acute Respiratory Distress Syndrome. Frontiers in Medicine, 2021, 8, 737859.	1.2	4
92	Allele-informed copy number evaluation of plasma DNA samples from metastatic prostate cancer patients: the PCF_SELECT consortium assay. NAR Cancer, 2022, 4, .	1.6	4
93	Impact of Surgically and Radiologically Detected Incidental Internal Mammary Lymph Node Enlargement in Breast Cancer Patients Undergoing Free-Flap Breast Reconstruction. Journal of Reconstructive Microsurgery Open, 2018, 03, e32-e40.	0.2	3
94	Characterising the impact of pneumonia on outcome in non-small cell lung cancer: identifying preventative strategies. Journal of Thoracic Disease, 2020, 12, 2236-2246.	0.6	3
95	Prehabilitation in lung cancer resectionâ€"are we any closer to the ideal program?. Journal of Thoracic Disease, 2020, 12, 1628-1631.	0.6	3
96	Ninety-Day Mortality: Redefining the Perioperative Period After Lung Resection. Clinical Lung Cancer, 2021, 22, e642-e645.	1.1	3
97	Feasibility study of a randomised controlled trial of preoperative and postoperative nutritional supplementation in major lung surgery. BMJ Open, 2022, 12, e057498.	0.8	2
98	Prophylactic physiotherapy after thoracotomy and lung resection: is there really no benefit?. European Journal of Cardio-thoracic Surgery, 2011, 39, 612-612.	0.6	1
99	Surgery corrects asynchrony of ribcage secondary to extra-thoracic tumor but leads to expiratory dysfunction during exercise. Journal of Cardiothoracic Surgery, 2015, 10, 187.	0.4	1
100	Smoking habits of pre-surgery patients. , 2015, , .		1
101	The Effect of Benign and Malignant Pleural Disease on Chest Wall Mechanics. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 241-242.	2.5	0
102	Minimising risk to thoracic surgical teams in an era of COVID-19: exploring possible preventative measures. Indian Journal of Thoracic and Cardiovascular Surgery, 2021, 37, 183-187.	0.2	0
103	Is Plication for Diaphragmatic Eventration Effective in Improving Lung Function?. Difficult Decisions in Surgery: an Evidence-based Approach, 2020, , 495-501.	0.0	0