

# Brandon A Guenthart

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

330  
citations

1307594

7  
h-index

888059

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

333  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional vascularized lung grafts for lung bioengineering. <i>Science Advances</i> , 2017, 3, e1700521.	10.3	72
2	Xenogeneic cross-circulation for extracorporeal recovery of injured human lungs. <i>Nature Medicine</i> , 2020, 26, 1102-1113.	30.7	56
3	Regeneration of severely damaged lungs using an interventional cross-circulation platform. <i>Nature Communications</i> , 2019, 10, 1985.	12.8	42
4	Cross-circulation for extracorporeal support and recovery of the lung. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	39
5	Multiday maintenance of extracorporeal lungs using cross-circulation with conscious swine. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1640-1653.e18.	0.8	38
6	Cell replacement in human lung bioengineering. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 215-224.	0.6	28
7	Xenogeneic support for the recovery of human donor organs. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 1563-1570.	0.8	11
8	Extended Static Hypothermic Preservation In Cardiac Transplantation: A Case Report. <i>Transplantation Proceedings</i> , 2021, 53, 2509-2511.	0.6	7
9	Surgical technique for atrial-esophageal fistula repair after catheter ablation: An underrecognized complication. <i>JTCVS Techniques</i> , 2020, 4, 169-172.	0.4	6
10	First lung and kidney multi-organ transplant following COVID-19 Infection. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 856-859.	0.6	5
11	Non-destructive vacuum-assisted measurement of lung elastic modulus. <i>Acta Biomaterialia</i> , 2021, 131, 370-380.	8.3	5
12	Homogeneous Distribution of Exogenous Cells onto De-epithelialized Rat Trachea via Instillation of Cell-Loaded Hydrogel. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 82-88.	5.2	5
13	Gut bioengineering strategies for regenerative medicine. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G1-G11.	3.4	4
14	Pathological remodeling of distal lung matrix in end-stage cystic fibrosis patients. <i>Journal of Cystic Fibrosis</i> , 2022, 21, 1027-1035.	0.7	4
15	Cannulation Strategies in Ex Vivo Lung Perfusion. <i>ASAIO Journal</i> , 2022, 68, e222-e222.	1.6	3
16	Intracardiac paragangliomas: surgical approach and perioperative management. <i>General Thoracic and Cardiovascular Surgery</i> , 2021, 69, 555-559.	0.9	2
17	New insights and therapeutic targets: Lung injury and disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 416-420.	0.8	1
18	Resection of a Giant Epithelioid Hemangioendothelioma Arising from the Superior Vena Cava. <i>Annals of Thoracic Surgery</i> , 2021, 112, e257-e260.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Resident education in robotic thoracic surgery. <i>Video-Assisted Thoracic Surgery</i> , 0, 5, 18-18.	0.1	1
20	Commentary: Lung Cancer Outcomes Reporting Within the VA System: Room for Improvement. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020, 32, 1074-1075.	0.6	0
21	ExÂvivo aortic valve replacement before orthotopic heart transplantation. <i>JTCVS Techniques</i> , 2022, 12, 118-120.	0.4	0
22	Imaging-Guided Bioreactor for Generating Bioengineered Airway Tissue. <i>Journal of Visualized Experiments</i> , 2022, , .	0.3	0