

# Harald C Ott

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7585106/harald-c-ott-publications-by-year.pdf>

**Version:** 2024-04-05

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64 papers	6,018 citations	26 h-index	72 g-index
72 ext. papers	6,868 ext. citations	9.7 avg, IF	5.69 L-index

#	Paper	IF	Citations
64	Protease inhibitor Camostat Mesylate blocks wild type SARS-CoV-2 and D614G viral entry in human engineered miniature lungs.. <i>Biomaterials</i> , <b>2022</b> , 285, 121509	15.6	0
63	Programmed Death Ligand 1 and Immune Cell Infiltrates in Solitary Fibrous Tumors of the Pleura. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 112, 1862-1869	2.7	0
62	Orthotopic Transplantation of Human Bioartificial Lung Grafts in a Porcine Model: A Feasibility Study. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.7	3
61	Management and outcomes of esophageal perforation. <i>Ecological Management and Restoration</i> , <b>2021</b> ,	3	1
60	Human iPS-derived pre-epicardial cells direct cardiomyocyte aggregation expansion and organization in vitro. <i>Nature Communications</i> , <b>2021</b> , 12, 4997	17.4	6
59	Human-scale lung regeneration based on decellularized matrix scaffolds as a biologic platform. <i>Surgery Today</i> , <b>2020</b> , 50, 633-643	3	13
58	Bioprinting Organs-Progress Toward a Moonshot Idea. <i>Transplantation</i> , <b>2020</b> , 104, 1310-1311	1.8	1
57	Preliminary analysis of total neoadjuvant therapy for patients with locally advanced gastric (G) and gastroesophageal (GE) adenocarcinoma.. <i>Journal of Clinical Oncology</i> , <b>2020</b> , 38, 393-393	2.2	0
56	Non-small cell lung cancer: Analysis using mass cytometry and next generation sequencing reveals new opportunities for the development of personalized therapies.. <i>Journal of Clinical Oncology</i> , <b>2020</b> , 38, e21026-e21026	2.2	0
55	Creation of Laryngeal Grafts from Primary Human Cells and Decellularized Laryngeal Scaffolds. <i>Tissue Engineering - Part A</i> , <b>2020</b> , 26, 543-555	3.9	9
54	Biofabrication of a vascularized islet organ for type 1 diabetes. <i>Biomaterials</i> , <b>2019</b> , 199, 40-51	15.6	31
53	Carinal surgery: A single-institution experience spanning 2 decades. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 2073-2083.e1	1.5	14
52	Regenerative Medicine of the Respiratory Tract <b>2019</b> , 1059-1072		
51	Image-guided Preoperative Localization of Pulmonary Nodules for Video-assisted and Robotically Assisted Surgery. <i>Radiographics</i> , <b>2019</b> , 39, 1264-1279	5.4	18
50	Postintubation Tracheal Stenosis: Management and Results 1993 to 2017. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 1471-1477	2.7	18
49	Pulmonary Artery Resection During Lung Resection for Malignancy. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 1692-1700	2.7	3
48	Intralipid improves oxygenation after orthotopic rat lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2019</b> , 38, 225-227	5.8	1

47	Programmed death ligand 1 and CD8+ immune cell infiltrates in resected primary tracheal malignant neoplasms. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 55, 691-698	3	9
46	Feasibility of Perioperative Micro-Computed Tomography of Human Lung Cancer Specimens: A Pilot Study. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2019</b> , 143, 319-325	5	4
45	Bioengineering Human Lung Grafts on Porcine Matrix. <i>Annals of Surgery</i> , <b>2018</b> , 267, 590-598	7.8	53
44	Bioprosthetics and repair of complex aerodigestive defects. <i>Annals of Cardiothoracic Surgery</i> , <b>2018</b> , 7, 284-292	4.7	2
43	A reassessment of tracheal substitutes-a systematic review. <i>Annals of Cardiothoracic Surgery</i> , <b>2018</b> , 7, 175-182	4.7	26
42	Direct Reprogramming of Mouse Fibroblasts into Functional Skeletal Muscle Progenitors. <i>Stem Cell Reports</i> , <b>2018</b> , 10, 1505-1521	8	45
41	Metabolic glycan labeling and chemoselective functionalization of native biomaterials. <i>Biomaterials</i> , <b>2018</b> , 182, 127-134	15.6	12
40	Angiotensin system inhibitors during induction chemotherapy for esophageal adenocarcinoma: Analysis of survival.. <i>Journal of Clinical Oncology</i> , <b>2018</b> , 36, e16066-e16066	2.2	
39	Preclinical quantification of air leaks in a physiologic lung model: effects of ventilation modality and staple design. <i>Medical Devices: Evidence and Research</i> , <b>2018</b> , 11, 433-442	1.5	4
38	Can We Re-Engineer the Endocrine Pancreas?. <i>Current Diabetes Reports</i> , <b>2018</b> , 18, 122	5.6	4
37	A Fully Automated High-Throughput Bioreactor System for Lung Regeneration. <i>Tissue Engineering - Part C: Methods</i> , <b>2018</b> , 24, 671-678	2.9	7
36	Engineering Bioartificial Lungs for Transplantation. <i>Current Stem Cell Reports</i> , <b>2017</b> , 3, 55-67	1.8	2
35	Creation of a Bioengineered Skin Flap Scaffold with a Perfusable Vascular Pedicle. <i>Tissue Engineering - Part A</i> , <b>2017</b> , 23, 696-707	3.9	19
34	Bioengineering of functional human induced pluripotent stem cell-derived intestinal grafts. <i>Nature Communications</i> , <b>2017</b> , 8, 765	17.4	63
33	Spray Delivery of Intestinal Organoids to Reconstitute Epithelium on Decellularized Native Extracellular Matrix. <i>Tissue Engineering - Part C: Methods</i> , <b>2017</b> , 23, 565-573	2.9	13
32	Fibrillin-2 and Tenascin-C bridge the age gap in lung epithelial regeneration. <i>Biomaterials</i> , <b>2017</b> , 140, 212-219	15.6	32
31	Proteomic analysis of naturally-sourced biological scaffolds. <i>Biomaterials</i> , <b>2016</b> , 75, 37-46	15.6	85
30	CT-Guided Thoracic Duct Embolization. <i>Journal of Vascular and Interventional Radiology</i> , <b>2016</b> , 27, 1753-1755	17.5	2

29	Bioengineering Human Myocardium on Native Extracellular Matrix. <i>Circulation Research</i> , <b>2016</b> , 118, 56-72	5.7	213
28	Bioengineering Lungs for Transplantation. <i>Thoracic Surgery Clinics</i> , <b>2016</b> , 26, 163-71	3.1	25
27	Regenerative potential of human airway stem cells in lung epithelial engineering. <i>Biomaterials</i> , <b>2016</b> , 108, 111-9	15.6	52
26	Ex Vivo non-invasive assessment of cell viability and proliferation in bio-engineered whole organ constructs. <i>Biomaterials</i> , <b>2015</b> , 52, 103-12	15.6	43
25	Assessment of Proliferation and Cytotoxicity in a Biomimetic Three-Dimensional Model of Lung Cancer. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 414-21	2.7	19
24	Design and validation of a clinical-scale bioreactor for long-term isolated lung culture. <i>Biomaterials</i> , <b>2015</b> , 52, 79-87	15.6	33
23	Complications Following Carinal Resections and Sleeve Resections. <i>Thoracic Surgery Clinics</i> , <b>2015</b> , 25, 435-47	3.1	20
22	Idiopathic Subglottic Stenosis: Factors Affecting Outcome After Single-Stage Repair. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 1804-11	2.7	40
21	Engineering pulmonary vasculature in decellularized rat and human lungs. <i>Nature Biotechnology</i> , <b>2015</b> , 33, 1097-102	44.5	154
20	Engineered composite tissue as a bioartificial limb graft. <i>Biomaterials</i> , <b>2015</b> , 61, 246-56	15.6	74
19	Extended Biomimetic Culture and Functional Assessment of Recellularized Human Lungs. <i>FASEB Journal</i> , <b>2015</b> , 29, 1029.18	0.9	
18	Perfusion decellularization of whole organs. <i>Nature Protocols</i> , <b>2014</b> , 9, 1451-68	18.8	160
17	Enhanced lung epithelial specification of human induced pluripotent stem cells on decellularized lung matrix. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 1721-9; discussion 1729	2.7	100
16	Bioengineering kidneys for transplantation. <i>Seminars in Nephrology</i> , <b>2014</b> , 34, 384-93	4.8	13
15	Perfusion decellularization of human and porcine lungs: bringing the matrix to clinical scale. <i>Journal of Heart and Lung Transplantation</i> , <b>2014</b> , 33, 298-308	5.8	189
14	Decellularized scaffolds as a platform for bioengineered organs. <i>Current Opinion in Organ Transplantation</i> , <b>2014</b> , 19, 145-52	2.5	88
13	Invited commentary. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 96, 1056	2.7	
12	Regeneration and experimental orthotopic transplantation of a bioengineered kidney. <i>Nature Medicine</i> , <b>2013</b> , 19, 646-51	50.5	579

11	Human lung cancer cells grown on acellular rat lung matrix create perfusable tumor nodules. <i>Annals of Thoracic Surgery</i> , <b>2012</b> , 93, 1075-81	2.7	67
10	Engineering tissues for children: building grafts that grow. <i>Lancet, The</i> , <b>2012</b> , 380, 957-8	4.0	8
9	Perspectives on whole-organ assembly: moving toward transplantation on demand. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 3817-23	15.9	96
8	Organ engineering based on decellularized matrix scaffolds. <i>Trends in Molecular Medicine</i> , <b>2011</b> , 17, 424-32	32.5	386
7	Bioartificial tissues and organs: are we ready to translate?. <i>Lancet, The</i> , <b>2011</b> , 378, 1977-1978	4.0	6
6	Enhanced in vivo function of bioartificial lungs in rats. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 92, 998-1005; discussion 1005-6	2.7	150
5	Regeneration and orthotopic transplantation of a bioartificial lung. <i>Nature Medicine</i> , <b>2010</b> , 16, 927-33	50.5	838
4	Perfusion-decellularized matrix: using nature's platform to engineer a bioartificial heart. <i>Nature Medicine</i> , <b>2008</b> , 14, 213-21	50.5	2047
3	The adult human heart as a source for stem cells: repair strategies with embryonic-like progenitor cells. <i>Nature Clinical Practice Cardiovascular Medicine</i> , <b>2007</b> , 4 Suppl 1, S27-39		103
2	Invited commentary. <i>Annals of Thoracic Surgery</i> , <b>2007</b> , 84, 1727-8	2.7	
1	From cardiac repair to cardiac regeneration--ready to translate?. <i>Expert Opinion on Biological Therapy</i> , <b>2006</b> , 6, 867-78	5.4	12