

# Soeren Lukassen

## List of Publications by Year in Descending Order

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

26 papers	1,922 citations	15 h-index	30 g-index
30 ext. papers	2,843 ext. citations	17.2 avg, IF	4.75 L-index

#	Paper	IF	Citations
26	A targetable T <sub>H</sub> 2 neutrophil-subset, [CD11b+DESPR+] immunotype, is associated with severity and mortality in acute respiratory distress syndrome (ARDS) and COVID-19-ARDS. <i>Scientific Reports</i> , <b>2022</b> , 12, 5583	4.9	0
25	Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics. <i>Nature Medicine</i> , <b>2021</b> , 27, 546-559	50.5	91
24	A method for the rational selection of drug repurposing candidates from multimodal knowledge harmonization. <i>Scientific Reports</i> , <b>2021</b> , 11, 11049	4.9	3
23	Impaired humoral and cellular immunity after SARS-CoV-2 BNT162b2 (tozinameran) prime-boost vaccination in kidney transplant recipients. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	91
22	Hypertension delays viral clearance and exacerbates airway hyperinflammation in patients with COVID-19. <i>Nature Biotechnology</i> , <b>2021</b> , 39, 705-716	44.5	65
21	Conserved host-pathogen interactions identify novel treatment options in betacoronavirus infections. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 57	21	
20	Lymphocyte Immune Response and T Cell Differentiation in Fontan Patients with protein-losing enteropathy. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2021</b> , 69, e10-e20	1.6	1
19	Pre-activated antiviral innate immunity in the upper airways controls early SARS-CoV-2 infection in children. <i>Nature Biotechnology</i> , <b>2021</b> ,	44.5	63
18	Gene set inference from single-cell sequencing data using a hybrid of matrix factorization and variational autoencoders. <i>Nature Machine Intelligence</i> , <b>2020</b> , 2, 800-809	22.5	1
17	COVID-19 severity correlates with airway epithelium-immune cell interactions identified by single-cell analysis. <i>Nature Biotechnology</i> , <b>2020</b> , 38, 970-979	44.5	487
16	Arginase impedes the resolution of colitis by altering the microbiome and metabolome. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 5703-5720	15.9	19
15	Genome-wide cooperation of EMT transcription factor ZEB1 with YAP and AP-1 in breast cancer. <i>EMBO Journal</i> , <b>2020</b> , 39, e103209	13	33
14	SARS-CoV-2 receptor ACE2 and TMPRSS2 are primarily expressed in bronchial transient secretory cells. <i>EMBO Journal</i> , <b>2020</b> , 39, e105114	13	538
13	Hobit- and Blimp-1-driven CD4 tissue-resident memory T cells control chronic intestinal inflammation. <i>Nature Immunology</i> , <b>2019</b> , 20, 288-300	19.1	89
12	Inflammation-induced glycolytic switch controls suppressivity of mesenchymal stem cells via STAT1 glycosylation. <i>Leukemia</i> , <b>2019</b> , 33, 1783-1796	10.7	25
11	In Vivo Protein Complementation Demonstrates Presynaptic $\beta$ -Synuclein Oligomerization and Age-Dependent Accumulation of 8-16-mer Oligomer Species. <i>Cell Reports</i> , <b>2019</b> , 29, 2862-2874.e9	10.6	15
10	Characterization of germ cell differentiation in the male mouse through single-cell RNA sequencing. <i>Scientific Reports</i> , <b>2018</b> , 8, 6521	4.9	46

9	Single-cell RNA sequencing of adult mouse testes. <i>Scientific Data</i> , <b>2018</b> , 5, 180192	8.2	26
8	Chromatin-Remodeling Factor SPOC1 Acts as a Cellular Restriction Factor against Human Cytomegalovirus by Repressing the Major Immediate Early Promoter. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	12
7	PEDF Is Associated with the Termination of Chondrocyte Phenotype and Catabolism of Cartilage Tissue. <i>BioMed Research International</i> , <b>2017</b> , 2017, 7183516	3	2
6	SARS-CoV-2 receptor ACE2 and TMPRSS2 are primarily expressed in bronchial transient secretory cells. <i>EMBO Journal</i> , e105114	13	255
5	SARS-CoV-2 receptor ACE2 and TMPRSS2 are predominantly expressed in a transient secretory cell type in subsegmental bronchial branches		34
4	Cross-talk between the airway epithelium and activated immune cells defines severity in COVID-19		16
3	The COVID-19 PHARMACOME: A method for the rational selection of drug repurposing candidates from multimodal knowledge harmonization		2
2	Single nucleus and in situ RNA sequencing reveals cell topographies in the human pancreas		6
1	Pre-activated anti-viral innate immunity in the upper airways controls early SARS-CoV-2 infection in children		2