

# Krishnaa T Mahbubani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3030757/publications.pdf>

Version: 2024-02-01

35  
papers

6,020  
citations

331670

21  
h-index

315739

38  
g-index

45  
all docs

45  
docs citations

45  
times ranked

9655  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cells of the adult human heart. <i>Nature</i> , 2020, 588, 466-472.	27.8	852
2	Somatic mutant clones colonize the human esophagus with age. <i>Science</i> , 2018, 362, 911-917.	12.6	805
3	A cellular census of human lungs identifies novel cell states in health and in asthma. <i>Nature Medicine</i> , 2019, 25, 1153-1163.	30.7	631
4	scRNA-seq assessment of the human lung, spleen, and esophagus tissue stability after cold preservation. <i>Genome Biology</i> , 2020, 21, 1.	8.8	572
5	A cell atlas of human thymic development defines T cell repertoire formation. <i>Science</i> , 2020, 367, .	12.6	368
6	The mutational landscape of normal human endometrial epithelium. <i>Nature</i> , 2020, 580, 640-646.	27.8	338
7	Cells of the human intestinal tract mapped across space and time. <i>Nature</i> , 2021, 597, 250-255.	27.8	266
8	Cross-tissue immune cell analysis reveals tissue-specific features in humans. <i>Science</i> , 2022, 376, eabl5197.	12.6	265
9	Somatic mutation landscapes at single-molecule resolution. <i>Nature</i> , 2021, 593, 405-410.	27.8	254
10	Mapping the temporal and spatial dynamics of the human endometrium in vivo and in vitro. <i>Nature Genetics</i> , 2021, 53, 1698-1711.	21.4	238
11	Three-Dimensional Human Alveolar Stem Cell Culture Models Reveal Infection Response to SARS-CoV-2. <i>Cell Stem Cell</i> , 2020, 27, 905-919.e10.	11.1	195
12	Extensive heterogeneity in somatic mutation and selection in the human bladder. <i>Science</i> , 2020, 370, 75-82.	12.6	195
13	Cholangiocyte organoids can repair bile ducts after transplantation in the human liver. <i>Science</i> , 2021, 371, 839-846.	12.6	170
14	Clonal dynamics of haematopoiesis across the human lifespan. <i>Nature</i> , 2022, 606, 343-350.	27.8	160
15	Succinate accumulation drives ischaemia-reperfusion injury during organ transplantation. <i>Nature Metabolism</i> , 2019, 1, 966-974.	11.9	103
16	Molecular phenotyping reveals the identity of Barrett's esophagus and its malignant transition. <i>Science</i> , 2021, 373, 760-767.	12.6	99
17	Mutant clones in normal epithelium outcompete and eliminate emerging tumours. <i>Nature</i> , 2021, 598, 510-514.	27.8	95
18	Isolation and propagation of primary human cholangiocyte organoids for the generation of bioengineered biliary tissue. <i>Nature Protocols</i> , 2019, 14, 1884-1925.	12.0	67

#	ARTICLE	IF	CITATIONS
19	Selection of Oncogenic Mutant Clones in Normal Human Skin Varies with Body Site. <i>Cancer Discovery</i> , 2021, 11, 340-361.	9.4	66
20	Bioprocess modelling of biohydrogen production by <i>Rhodospseudomonas palustris</i> : Model development and effects of operating conditions on hydrogen yield and glycerol conversion efficiency. <i>Chemical Engineering Science</i> , 2015, 130, 68-78.	3.8	50
21	Targeting succinate dehydrogenase with malonate ester prodrugs decreases renal ischemia reperfusion injury. <i>Redox Biology</i> , 2020, 36, 101640.	9.0	42
22	Two subsets of human marginal zone B cells resolved by global analysis of lymphoid tissues and blood. <i>Science Immunology</i> , 2022, 7, eabm9060.	11.9	31
23	Unique molecular and functional features of extramedullary hematopoietic stem and progenitor cell reservoirs in humans. <i>Blood</i> , 2022, 139, 3387-3401.	1.4	26
24	Therapeutically expanded human regulatory T-cells are super-suppressive due to HIF1A induced expression of CD73. <i>Communications Biology</i> , 2021, 4, 1186.	4.4	19
25	Use of human splenocytes in an innovative humanised mouse model for prediction of immunotherapy-induced cytokine release syndrome. <i>Clinical and Translational Immunology</i> , 2020, 9, e1202.	3.8	13
26	Characterising the disintegration properties of tablets in opaque media using texture analysis. <i>International Journal of Pharmaceutics</i> , 2015, 486, 136-143.	5.2	12
27	Accelerating cryoprotectant diffusion kinetics improves cryopreservation of pancreatic islets. <i>Scientific Reports</i> , 2021, 11, 10418.	3.3	8
28	Protection of dried probiotic bacteria from bile using bile adsorbent resins. <i>New Biotechnology</i> , 2014, 31, 69-72.	4.4	7
29	Satiating Effect of High Protein Diets on Resistance-Trained Subjects in Energy Deficit. <i>Nutrients</i> , 2019, 11, 56.	4.1	6
30	Bioengineering solutions for ureteric disorders: clinical need, challenges and opportunities. <i>BJU International</i> , 2022, 130, 408-419.	2.5	6
31	A proteomic approach towards understanding cryoprotective action of Me <sub>2</sub> SO on the CHO cell proteome. <i>Cryobiology</i> , 2020, 94, 107-115.	0.7	4
32	Optimal protection of stabilised dry live bacteria from bile toxicity in oral dosage forms by bile acid adsorbent resins. <i>Chemical Engineering Science</i> , 2010, 65, 4844-4854.	3.8	2
33	Engaging Cold to Upregulate Cell Proliferation in Alginate-Encapsulated Liver Spheroids. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 455-464.	2.1	2
34	Management of post appendicectomy intra-abdominal collections: A volumetric cut off for drainage?. <i>Journal of Pediatric Surgery</i> , 2022, 57, 245-249.	1.6	1
35	Optimal location for fibular osteotomy to provide maximal compression to the tibia in the management of delayed union and hypertrophic non-union of the tibia. <i>Injury</i> , 2022, 53, 1532-1538.	1.7	1