

# Norman Sachs

## List of Publications by Year in descending order

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34  
papers

7,839  
citations

172457

29  
h-index

395702

33  
g-index

35  
all docs

35  
docs citations

35  
times ranked

11697  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Living Biobank of Breast Cancer Organoids Captures Disease Heterogeneity. <i>Cell</i> , 2018, 172, 373-386.e10.	28.9	1,201
2	Designer matrices for intestinal stem cell and organoid culture. <i>Nature</i> , 2016, 539, 560-564.	27.8	1,027
3	Sequential cancer mutations in cultured human intestinal stem cells. <i>Nature</i> , 2015, 521, 43-47.	27.8	853
4	Generation of Tumor-Reactive T Cells by Co-culture of Peripheral Blood Lymphocytes and Tumor Organoids. <i>Cell</i> , 2018, 174, 1586-1598.e12.	28.9	644
5	Long-term expanding human airway organoids for disease modeling. <i>EMBO Journal</i> , 2019, 38, .	7.8	619
6	Identification of Multipotent Luminal Progenitor Cells in Human Prostate Organoid Cultures. <i>Cell</i> , 2014, 159, 163-175.	28.9	609
7	Modelling <i>Cryptosporidium</i> infection in human small intestinal and lung organoids. <i>Nature Microbiology</i> , 2018, 3, 814-823.	13.3	296
8	Organoid cultures for the analysis of cancer phenotypes. <i>Current Opinion in Genetics and Development</i> , 2014, 24, 68-73.	3.3	295
9	Reg4 <sup>+</sup> deep crypt secretory cells function as epithelial niche for Lgr5 <sup>+</sup> stem cells in colon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5399-407.	7.1	232
10	Differentiated human airway organoids to assess infectivity of emerging influenza virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6822-6827.	7.1	215
11	Kidney failure in mice lacking the tetraspanin CD151. <i>Journal of Cell Biology</i> , 2006, 175, 33-39.	5.2	214
12	Organoid cultures from normal and cancer-prone human breast tissues preserve complex epithelial lineages. <i>Nature Communications</i> , 2020, 11, 1711.	12.8	134
13	Integrin $\alpha 3 \beta 1$ inhibits directional migration and wound re-epithelialization in the skin. <i>Journal of Cell Science</i> , 2009, 122, 278-288.	2.0	130
14	Cell-matrix adhesion of podocytes in physiology and disease. <i>Nature Reviews Nephrology</i> , 2013, 9, 200-210.	9.6	115
15	BRCA-deficient mouse mammary tumor organoids to study cancer-drug resistance. <i>Nature Methods</i> , 2018, 15, 134-140.	19.0	110
16	MT1-MMP collagenolytic activity is regulated through association with tetraspanin CD151 in primary endothelial cells. <i>Blood</i> , 2008, 112, 3217-3226.	1.4	105
17	Gain of glycosylation in integrin $\alpha 3$ causes lung disease and nephrotic syndrome. <i>Journal of Clinical Investigation</i> , 2012, 122, 4375-4387.	8.2	102
18	Tropism, replication competence, and innate immune responses of influenza virus: an analysis of human airway organoids and ex-vivo bronchus cultures. <i>Lancet Respiratory Medicine</i> , 2018, 6, 846-854.	10.7	99

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19	Intestinal epithelial organoids fuse to form self-organizing tubes in floating collagen gels. <i>Development (Cambridge)</i> , 2017, 144, 1107-1112.	2.5	98
20	Long-term culture, genetic manipulation and xenotransplantation of human normal and breast cancer organoids. <i>Nature Protocols</i> , 2021, 16, 1936-1965.	12.0	97
21	On the biomechanics of stem cell niche formation in the gut – modelling growing organoids. <i>FEBS Journal</i> , 2012, 279, 3475-3487.	4.7	83
22	Converging biofabrication and organoid technologies: the next frontier in hepatic and intestinal tissue engineering?. <i>Biofabrication</i> , 2017, 9, 013001.	7.1	78
23	Dual Targeting of CDK4/6 and BCL2 Pathways Augments Tumor Response in Estrogen Receptor-Positive Breast Cancer. <i>Clinical Cancer Research</i> , 2020, 26, 4120-4134.	7.0	65
24	Blood pressure influences end-stage renal disease of Cd151 knockout mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 348-358.	8.2	65
25	EGF-induced MAPK Signaling Inhibits Hemidesmosome Formation through Phosphorylation of the Integrin $\beta 4$ . <i>Journal of Biological Chemistry</i> , 2010, 285, 37650-37662.	3.4	63
26	Inadequate DNA Damage Repair Promotes Mammary Transdifferentiation, Leading to BRCA1 Breast Cancer. <i>Cell</i> , 2019, 178, 135-151.e19.	28.9	60
27	Loss of integrin $\beta 3$ prevents skin tumor formation by promoting epidermal turnover and depletion of slow-cycling cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21468-21473.	7.1	57
28	Tetraspanin CD151 maintains vascular stability by balancing the forces of cell adhesion and cytoskeletal tension. <i>Blood</i> , 2011, 118, 4274-4284.	1.4	45
29	Enterovirus 71 infection of human airway organoids reveals VP1-145 as a viral infectivity determinant. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-9.	6.5	36
30	Mycobacteria-host interactions in human bronchiolar airway organoids. <i>Molecular Microbiology</i> , 2022, 117, 682-692.	2.5	32
31	Modelling of primary ciliary dyskinesia using patient-derived airway organoids. <i>EMBO Reports</i> , 2021, 22, e52058.	4.5	24
32	Reduced Susceptibility to Two-Stage Skin Carcinogenesis in Mice with Epidermis-Specific Deletion of Cd151. <i>Journal of Investigative Dermatology</i> , 2014, 134, 221-228.	0.7	15
33	Reverse proteomic antibody screening identifies anti adhesive VHH targeting VLA-3. <i>Molecular Immunology</i> , 2009, 46, 2022-2028.	2.2	11
34	Studying cancer drug resistance using BRCA-deficient mouse mammary tumor organoids. <i>Protocol Exchange</i> , 0, , .	0.3	1