Thorarinn Gudjonsson

List of Publications by Year in Descending Order

57 papers	2,933 citations	25 h-index	54 g-index
66 ext. papers	3,251 ext. citations	4.6 avg, IF	4.55 L-index

#	Paper	IF	Citations
57	An Organotypic Assay to Study Epithelial-Fibroblast Interactions in Human Breast.. *Methods in Molecular Biology*, **2022**, 2471, 283-299	1.4	
56	Application of 3D Culture Assays to Study Breast Morphogenesis, Epithelial Plasticity, and Cellular Interactions in an Epithelial Progenitor Cell Line.. *Methods in Molecular Biology*, **2022**, 2429, 391-403	1.4	
55	Glutamine-fructose-6-phosphate transaminase 2 (GFPT2) is upregulated in breast epithelial-mesenchymal transition and responds to oxidative stress.. *Molecular and Cellular Proteomics*, **2021**, 100185	7.6	1
54	The Wittig bioconjugation of maleimide derived, water soluble phosphonium ylides to aldehyde-tagged proteins. *Organic and Biomolecular Chemistry*, **2021**, 19, 10417-10423	3.9	
53	Nonantimicrobial Actions of Macrolides: Overview and Perspectives for Future Development. *Pharmacological Reviews*, **2021**, 73, 233-262	22.5	5
52	Ventilator-induced lung-injury in mouse models: Is there a trap?. *Laboratory Animal Research*, **2021**, 37, 30	1.9	3
51	Aminopeptidase Expression in Multiple Myeloma Associates with Disease Progression and Sensitivity to Melflufen. *Cancers*, **2021**, 13,	6.6	12
50	Detection of phenotype-specific therapeutic vulnerabilities in breast cells using a CRISPR loss-of-function screen. *Molecular Oncology*, **2021**, 15, 2026-2045	7.9	0
49	Peroxidasin Enhances Basal Phenotype and Inhibits Branching Morphogenesis in Breast Epithelial Progenitor Cell Line D492.. *Journal of Mammary Gland Biology and Neoplasia*, **2021**, 26, 321	2.4	0
48	ECM1 secreted by HER2-overexpressing breast cancer cells promotes formation of a vascular niche accelerating cancer cell migration and invasion. *Laboratory Investigation*, **2020**, 100, 928-944	5.9	9
47	Expression of ncRNAs on the DLK1-DIO3 Locus Is Associated With Basal and Mesenchymal Phenotype in Breast Epithelial Progenitor Cells. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 461	5.7	9
46	Azithromycin has lung barrier protective effects in a cell model mimicking ventilator-induced lung injury. *ALTEX: Alternatives To Animal Experimentation*, **2020**, 37, 545-560	4.3	3
45	Melflufen, a peptide-conjugated alkylator, is an efficient anti-neo-plastic drug in breast cancer cell lines. *Cancer Medicine*, **2020**, 9, 6726-6738	4.8	6
44	Azithromycin ameliorates sulfur dioxide-induced airway epithelial damage and inflammatory responses. *Respiratory Research*, **2020**, 21, 233	7.3	7
43	YKL-40/CHI3L1 facilitates migration and invasion in HER2 overexpressing breast epithelial progenitor cells and generates a niche for capillary-like network formation. *In Vitro Cellular and Developmental Biology - Animal*, **2019**, 55, 838-853	2.6	5
42	Application of the D492 Cell Lines to Explore Breast Morphogenesis, EMT and Cancer Progression in 3D Culture. *Journal of Mammary Gland Biology and Neoplasia*, **2019**, 24, 139-147	2.4	14
41	Azithromycin induces epidermal differentiation and multivesicular bodies in airway epithelia. *Respiratory Research*, **2019**, 20, 129	7.3	12

40	Innovative in vitro method to study ventilator induced lung injury. *ALTEX: Alternatives To Animal Experimentation*, **2019**, 36, 634-642	4.3	2
39	MiR-203a is differentially expressed during branching morphogenesis and EMT in breast progenitor cells and is a repressor of peroxidasin. *Mechanisms of Development*, **2019**, 155, 34-47	1.7	7
38	Inhibition of PTP1B disrupts cell-cell adhesion and induces anoikis in breast epithelial cells. *Cell Death and Disease*, **2017**, 8, e2769	9.8	11
37	Metabolic re-wiring of isogenic breast epithelial cell lines following epithelial to mesenchymal transition. *Cancer Letters*, **2017**, 396, 117-129	9.9	36
36	Epithelial Plasticity During Human Breast Morphogenesis and Cancer Progression. *Journal of Mammary Gland Biology and Neoplasia*, **2016**, 21, 139-148	2.4	15
35	EGFR Signal-Network Reconstruction Demonstrates Metabolic Crosstalk in EMT. *PLoS Computational Biology*, **2016**, 12, e1004924	5	30
34	Basal cells of the human airways acquire mesenchymal traits in idiopathic pulmonary fibrosis and in culture. *Laboratory Investigation*, **2015**, 95, 1418-28	5.9	35
33	MicroRNA-200c-141 and ΔNp63 are required for breast epithelial differentiation and branching morphogenesis. *Developmental Biology*, **2015**, 403, 150-61	3.1	17
32	Context-Dependent Function of Myoepithelial Cells in Breast Morphogenesis and Neoplasia. *Current Molecular Biology Reports*, **2015**, 1, 168-174	2	3
31	Curcumin, bisdemethoxycurcumin and dimethoxycurcumin complexed with cyclodextrins have structure specific effect on the paracellular integrity of lung epithelia. *Biochemistry and Biophysics Reports*, **2015**, 4, 405-410	2.2	8
30	Cyclic mechanical stretch down-regulates cathelicidin antimicrobial peptide expression and activates a pro-inflammatory response in human bronchial epithelial cells. *PeerJ*, **2015**, 3, e1483	3.1	5
29	N-alkylation of highly quaternized chitosan derivatives affects the paracellular permeation enhancement in bronchial epithelia in vitro. *European Journal of Pharmaceutics and Biopharmaceutics*, **2014**, 86, 55-63	5.7	30
28	Functional Role of the microRNA-200 Family in Breast Morphogenesis and Neoplasia. *Genes*, **2014**, 5, 804-20	4.2	45
27	deltaNp63 has a role in maintaining epithelial integrity in airway epithelium. *PLoS ONE*, **2014**, 9, e88683	3.7	35
26	Drug delivery characteristics of the progenitor bronchial epithelial cell line VA10. *Pharmaceutical Research*, **2013**, 30, 781-91	4.5	11
25	Endothelial-rich microenvironment supports growth and branching morphogenesis of prostate epithelial cells. *Prostate*, **2013**, 73, 884-96	4.2	7
24	Expression and functional role of sprouty-2 in breast morphogenesis. *PLoS ONE*, **2013**, 8, e60798	3.7	11
23	Selection for EGFR gene amplification in a breast epithelial cell line with basal-like phenotype and hereditary background. *In Vitro Cellular and Developmental Biology - Animal*, **2011**, 47, 139-48	2.6	1

22	Lung Epithelial Stem Cells. *Pancreatic Islet Biology*, **2011**, 227-241	0.4	1
21	Endothelial induced EMT in breast epithelial cells with stem cell properties. *PLoS ONE*, **2011**, 6, e23833	3.7	71
20	Azithromycin maintains airway epithelial integrity during Pseudomonas aeruginosa infection. *American Journal of Respiratory Cell and Molecular Biology*, **2010**, 42, 62-8	5.7	67
19	Airway branching morphogenesis in three dimensional culture. *Respiratory Research*, **2010**, 11, 162	7.3	75
18	Endothelial cells stimulate growth of normal and cancerous breast epithelial cells in 3D culture. *BMC Research Notes*, **2010**, 3, 184	2.3	39
17	Fabrication of planar polymer waveguides for evanescent-wave sensing in aqueous environments. *Microelectronic Engineering*, **2010**, 87, 56-61	2.5	25
16	Evanescent-wave fluorescence microscopy using symmetric planar waveguides. *Optics Express*, **2009**, 17, 5075-82	3.3	53
15	Evidence for a stem cell hierarchy in the adult human breast. *Journal of Cell Biology*, **2007**, 177, 87-101	7.3	291
14	Differentiation potential of a basal epithelial cell line established from human bronchial explant. *In Vitro Cellular and Developmental Biology - Animal*, **2007**, 43, 283-9	2.6	31
13	Novel effects of azithromycin on tight junction proteins in human airway epithelia. *Antimicrobial Agents and Chemotherapy*, **2006**, 50, 1805-12	5.9	74
12	Human breast microvascular endothelial cells retain phenotypic traits in long-term finite life span culture. *In Vitro Cellular and Developmental Biology - Animal*, **2006**, 42, 332-40	2.6	12
11	Stem cell biology and the cellular pathways of carcinogenesis. *Apmis*, **2005**, 113, 922-9	3.4	38
10	Establishment of three human breast epithelial cell lines derived from carriers of the 999del5 BRCA2 Icelandic founder mutation. *In Vitro Cellular and Developmental Biology - Animal*, **2005**, 41, 337-42	2.6	5
9	Myoepithelial cells: their origin and function in breast morphogenesis and neoplasia. *Journal of Mammary Gland Biology and Neoplasia*, **2005**, 10, 261-72	2.4	188
8	Characterization of a novel breast carcinoma xenograft and cell line derived from a BRCA1 germ-line mutation carrier. *Laboratory Investigation*, **2003**, 83, 387-96	5.9	39
7	Epithelial to mesenchymal transition in human breast cancer can provide a nonmalignant stroma. *American Journal of Pathology*, **2003**, 162, 391-402	5.8	232
6	To create the correct microenvironment: three-dimensional heterotypic collagen assays for human breast epithelial morphogenesis and neoplasia. *Methods*, **2003**, 30, 247-55	4.6	69
5	Isolation, immortalization, and characterization of a human breast epithelial cell line with stem cell properties. *Genes and Development*, **2002**, 16, 693-706	12.6	287

4	Normal and tumor-derived myoepithelial cells differ in their ability to interact with luminal breast epithelial cells for polarity and basement membrane deposition. *Journal of Cell Science*, **2002**, 115, 39-50	5.3	339
3	Normal and tumor-derived myoepithelial cells differ in their ability to interact with luminal breast epithelial cells for polarity and basement membrane deposition. *Journal of Cell Science*, **2002**, 115, 39-50	5.3	328
2	The plasticity of human breast carcinoma cells is more than epithelial to mesenchymal conversion. *Breast Cancer Research*, **2001**, 3, 213-7	8.3	94
1	Human mammary luminal epithelial cells contain progenitors to myoepithelial cells. *Developmental Biology*, **1999**, 206, 88-99	3.1	179