

# Ann M Hopkins

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8539218/publications.pdf>

Version: 2024-02-01

42  
papers

3,313  
citations

304368

22  
h-index

301761

39  
g-index

44  
all docs

44  
docs citations

44  
times ranked

4724  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proinflammatory Cytokines Disrupt Epithelial Barrier Function by Apoptosis-Independent Mechanisms. <i>Journal of Immunology</i> , 2003, 171, 6164-6172.	0.4	793
2	Interferon- $\beta$ induces internalization of epithelial tight junction proteins via a macropinocytosis-like process. <i>FASEB Journal</i> , 2005, 19, 923-933.	0.2	319
3	Expression of Specific Markers and Particle Transport in a New Human Intestinal M-Cell Model. <i>Biochemical and Biophysical Research Communications</i> , 2000, 279, 808-813.	1.0	246
4	RhoA, Rac1, and Cdc42 exert distinct effects on epithelial barrier via selective structural and biochemical modulation of junctional proteins and F-actin. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 287, C327-C335.	2.1	199
5	Rho kinase regulates tight junction function and is necessary for tight junction assembly in polarized intestinal epithelia. <i>Gastroenterology</i> , 2001, 121, 566-579.	0.6	186
6	Constitutive activation of Rho proteins by CNF-1 influences tight junction structure and epithelial barrier function. <i>Journal of Cell Science</i> , 2003, 116, 725-742.	1.2	184
7	Modulation of tight junction structure and function by cytokines. <i>Advanced Drug Delivery Reviews</i> , 2000, 41, 303-313.	6.6	160
8	Treatment of Thoracic Esophageal Anastomotic Leaks and Esophageal Perforations with Endoluminal Stents: Efficacy and Current Limitations. <i>Journal of Gastrointestinal Surgery</i> , 2008, 12, 1168-1176.	0.9	154
9	JAM- $\alpha$ expression positively correlates with poor prognosis in breast cancer patients. <i>International Journal of Cancer</i> , 2009, 125, 1343-1351.	2.3	115
10	Desmoglein-2: A Novel Regulator of Apoptosis in the Intestinal Epithelium. <i>Molecular Biology of the Cell</i> , 2007, 18, 4565-4578.	0.9	105
11	Breast cancer cell migration is regulated through junctional adhesion molecule-A-mediated activation of Rap1 GTPase. <i>Breast Cancer Research</i> , 2011, 13, R31.	2.2	104
12	ICAM-1: targeted docking for exogenous as well as endogenous ligands. <i>Advanced Drug Delivery Reviews</i> , 2004, 56, 763-778.	6.6	80
13	Tight Junctions: A Barrier to the Initiation and Progression of Breast Cancer?. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-16.	3.0	70
14	Lipid Raft Association Restricts CD44-Ezrin Interaction and Promotion of Breast Cancer Cell Migration. <i>American Journal of Pathology</i> , 2012, 181, 2172-2187.	1.9	66
15	A novel mechanism of regulating breast cancer cell migration via palmitoylation-dependent alterations in the lipid raft affiliation of CD44. <i>Breast Cancer Research</i> , 2014, 16, R19.	2.2	58
16	Modulation of tight junction function by G protein-coupled events. <i>Advanced Drug Delivery Reviews</i> , 2000, 41, 329-340.	6.6	56
17	Organized migration of epithelial cells requires control of adhesion and protrusion through Rho kinase effectors. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G806-G817.	1.6	50
18	Myosin II regulates the shape of three-dimensional intestinal epithelial cysts. <i>Journal of Cell Science</i> , 2008, 121, 1803-1814.	1.2	49

#	ARTICLE	IF	CITATIONS
19	Paradigms lost-an emerging role for over-expression of tight junction adhesion proteins in cancer pathogenesis. <i>Annals of Translational Medicine</i> , 2015, 3, 184.	0.7	49
20	Omeprazole increases permeability across isolated rat gastric mucosa pre-treated with an acid secretagogue. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 54, 341-347.	1.2	39
21	Lipid rafts are disrupted in mildly inflamed intestinal microenvironments without overt disruption of the epithelial barrier. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G781-G793.	1.6	32
22	Cleavage of the extracellular domain of junctional adhesion molecule-A is associated with resistance to anti-HER2 therapies in breast cancer settings. <i>Breast Cancer Research</i> , 2018, 20, 140.	2.2	25
23	Ductal barriers in mammary epithelium. <i>Tissue Barriers</i> , 2013, 1, e25933.	1.6	21
24	Adhesion in Physiological, Benign and Malignant Proliferative States of the Endometrium: Microenvironment and the Clinical Big Picture. <i>Cells</i> , 2018, 7, 43.	1.8	21
25	Epithelial cell spreading induced by hepatocyte growth factor influences paxillin protein synthesis and posttranslational modification. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, C886-C898.	1.6	19
26	Natural compound Tetrocarcin-A downregulates Junctional Adhesion Molecule-A in conjunction with HER2 and inhibitor of apoptosis proteins and inhibits tumor cell growth. <i>Cancer Letters</i> , 2019, 440-441, 23-34.	3.2	17
27	Diterpenoid natural compound C4 (Crassin) exerts cytostatic effects on triple-negative breast cancer cells via a pathway involving reactive oxygen species. <i>Cellular Oncology (Dordrecht)</i> , 2018, 41, 35-46.	2.1	12
28	An imbalance in progenitor cell populations reflects tumour progression in breast cancer primary culture models. <i>Journal of Experimental and Clinical Cancer Research</i> , 2011, 30, 45.	3.5	11
29	Development of a personalized therapeutic strategy for ERBB-gene-mutated cancers. <i>Therapeutic Advances in Medical Oncology</i> , 2018, 10, 175883401774604.	1.4	11
30	Antibiotic Tetrocarcin-A Down-regulates JAM-A, IAPs and Induces Apoptosis in Triple-negative Breast Cancer Models. <i>Anticancer Research</i> , 2019, 39, 1197-1204.	0.5	11
31	Dynamic interplay between adhesion surfaces in carcinomas: Cell-cell and cell-matrix crosstalk. <i>World Journal of Biological Chemistry</i> , 2016, 7, 64.	1.7	9
32	A Transcriptional Link between HER2, JAM-A and FOXA1 in Breast Cancer. <i>Cells</i> , 2022, 11, 735.	1.8	9
33	ADAM22/LGI1 complex as a new actionable target for breast cancer brain metastasis. <i>BMC Medicine</i> , 2020, 18, 349.	2.3	8
34	Transcriptional CDK inhibitors, CYC065 and THZ1 promote Bim-dependent apoptosis in primary and recurrent GBM through cell cycle arrest and Mcl-1 downregulation. <i>Cell Death and Disease</i> , 2021, 12, 763.	2.7	8
35	Human Epidermal Growth Factor Receptor-3 Expression Is Regulated at Transcriptional Level in Breast Cancer Settings by Junctional Adhesion Molecule-A via a Pathway Involving Beta-Catenin and FOXA1. <i>Cancers</i> , 2021, 13, 871.	1.7	7
36	C3d Elicits Neutrophil Degranulation and Decreases Endothelial Cell Migration, with Implications for Patients with Alpha-1 Antitrypsin Deficiency. <i>Biomedicines</i> , 2021, 9, 1925.	1.4	4

#	ARTICLE	IF	CITATIONS
37	Functional Antagonism of Junctional Adhesion Molecule-A (JAM-A), Overexpressed in Breast Ductal Carcinoma In Situ (DCIS), Reduces HER2-Positive Tumor Progression. <i>Cancers</i> , 2022, 14, 1303.	1.7	2
38	Development of a Novel Weighted Ranking Method for Immunohistochemical Quantification of a Heterogeneously Expressed Protein in Gastro-Esophageal Cancers. <i>Cancers</i> , 2021, 13, 1286.	1.7	1
39	Cleaved JAM-A - connecting cancer and vascular disease?. <i>Oncotarget</i> , 2019, 10, 3831-3832.	0.8	1
40	The Contribution of Ig-Superfamily and MARVEL D Tight Junction Proteins to Cancer Pathobiology. <i>Current Pathobiology Reports</i> , 2016, 4, 37-46.	1.6	0
41	The Molecular Aspects of Tight Junctions. <i>Cancer Metastasis - Biology and Treatment</i> , 2013, , 1-27.	0.1	0
42	Tight Junction Protein Junctional Adhesion Molecule-A Regulates the Expression of Receptor Tyrosine Kinase EPHA2 In Triple-Negative Breast Cancer Cells. <i>Clinical Oncology and Research</i> , 2019, , .	0.1	0