Cara J Gottardi

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.

88 papers	7,069 citations	40 h-index	84 g-index
105 ext. papers	8,403 ext. citations	8.1 avg, IF	5.85 L-index

#	Paper	IF	Citations
88	Resetting proteostasis with ISRIB promotes epithelial differentiation to attenuate pulmonary fibrosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	6
87	The lung microenvironment shapes a dysfunctional response of alveolar macrophages in aging. *Journal of Clinical Investigation*, **2021**, 131,	15.9	26
86	Circuits between infected macrophages and T cells in SARS-CoV-2 pneumonia. *Nature*, **2021**, 590, 635-641	50.4	219
85	Mitochondrial 8-oxoguanine DNA glycosylase mitigates alveolar epithelial cell PINK1 deficiency, mitochondrial DNA damage, apoptosis, and lung fibrosis. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2020**, 318, L1084-L1096	5.8	12
84	Nesprin-2G tension fine-tunes Wnt/β-catenin signaling. *Journal of Cell Biology*, **2020**, 219,	7.3	1
83	Alveolitis in severe SARS-CoV-2 pneumonia is driven by self-sustaining circuits between infected alveolar macrophages and T cells **2020**,		14
82	The Sphingosine Kinase 1 Inhibitor, PF543, Mitigates Pulmonary Fibrosis by Reducing Lung Epithelial Cell mtDNA Damage and Recruitment of Fibrogenic Monocytes. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	12
81	A spatially restricted fibrotic niche in pulmonary fibrosis is sustained by M-CSF/M-CSFR signalling in monocyte-derived alveolar macrophages. *European Respiratory Journal*, **2020**, 55,	13.6	88
80	Macrophages as a Source and Recipient of Wnt Signals. *Frontiers in Immunology*, **2019**, 10, 1813	8.4	22
79	Elevated CO regulates the Wnt signaling pathway in mammals, Drosophila melanogaster and Caenorhabditis elegans. *Scientific Reports*, **2019**, 9, 18251	4.9	13
78	Single-Cell Transcriptomic Analysis of Human Lung Provides Insights into the Pathobiology of Pulmonary Fibrosis. *American Journal of Respiratory and Critical Care Medicine*, **2019**, 199, 1517-1536	10.2	470
77	Force-dependent allostery of the β-catenin actin-binding domain controls adherens junction dynamics and functions. *Nature Communications*, **2018**, 9, 5121	17.4	40
76	γ-catenin: A developmentally dispensable, disease-linked member of the β-catenin family. *Tissue Barriers*, **2018**, 6, e1463896	4.3	6
75	Cardiomyocytes of the Heart and Pulmonary Veins: Novel Contributors to Asthma?. *American Journal of Respiratory Cell and Molecular Biology*, **2017**, 57, 512-518	5.7	6
74	Beyond epithelial-to-mesenchymal transition: Common suppression of differentiation programs underlies epithelial barrier dysfunction in mild, moderate, and severe asthma. *Allergy: European Journal of Allergy and Clinical Immunology*, **2017**, 72, 1988-2004	9.3	43
73	Nuclear β-catenin mediates the DNA damage response via β-catenin and nuclear actin. *Journal of Cell Science*, **2017**, 130, 1717-1729	5.3	13
72	β-Catenin homodimers are recruited to phosphoinositide-activated membranes to promote adhesion. *Journal of Cell Biology*, **2017**, 216, 3767-3783	7.3	16

71	Monocyte-derived alveolar macrophages drive lung fibrosis and persist in the lung over the life span. *Journal of Experimental Medicine*, **2017**, 214, 2387-2404	16.6	434
70	Lrp5/β-Catenin Signaling Controls Lung Macrophage Differentiation and Inhibits Resolution of Fibrosis. *American Journal of Respiratory Cell and Molecular Biology*, **2017**, 56, 191-201	5.7	27
69	Wnt-induced deubiquitination FoxM1 ensures nucleus β-catenin transactivation. *EMBO Journal*, **2016**, 35, 668-84	13	70
68	γ-catenin in restricted brain cell types and its potential connection to autism. *Journal of Molecular Psychiatry*, **2016**, 4, 2		14
67	Adiponectin inhibits Wnt co-receptor, Lrp6, phosphorylation and β-catenin signaling. *Biochemical and Biophysical Research Communications*, **2016**, 470, 606-612	3.4	11
66	The cardiomyocyte protein γ-catenin contributes to asthma through regulating pulmonary vein inflammation. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 123-129.e2	11.5	6
65	Beyond β-catenin: prospects for a larger catenin network in the nucleus. *Nature Reviews Molecular Cell Biology*, **2016**, 17, 55-64	48.7	94
64	A Simple Method to Assess Abundance of the β-Catenin Signaling Pool in Cells. *Methods in Molecular Biology*, **2016**, 1481, 49-60	1.4	0
63	Persistent nuclear actin filaments inhibit transcription by RNA polymerase II. *Journal of Cell Science*, **2016**, 129, 3412-25	5.3	50
62	Nuclear signaling from cadherin adhesion complexes. *Current Topics in Developmental Biology*, **2015** , 112, 129-96	5.3	53
61	The cardiac protein γ-catenin contributes to chemical-induced asthma. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2015**, 308, L253-8	5.8	14
60	Structural Determinants of the Mechanical Stability of β-Catenin. *Journal of Biological Chemistry*, **2015**, 290, 18890-903	5.4	18
59	The increase in maternal expression of axin1 and axin2 contribute to the zebrafish mutant ichabod ventralized phenotype. *Journal of Cellular Biochemistry*, **2015**, 116, 418-30	4.7	6
58	β-Catenin phosphorylation promotes intercellular adhesion through a dual-kinase mechanism. *Journal of Cell Science*, **2015**, 128, 1150-65	5.3	35
57	β-Catenin phosphorylation promotes intercellular adhesion through a dual-kinase mechanism. *Development (Cambridge)*, **2015**, 142, e0704-e0704	6.6	
56	Wnt coreceptor Lrp5 is a driver of idiopathic pulmonary fibrosis. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 190, 185-95	10.2	80
55	β-catenin cytomechanics--role in cadherin-dependent adhesion and mechanotransduction. *Journal of Cell Science*, **2014**, 127, 1779-91	5.3	91
54	Inhibition of canonical WNT signaling attenuates human leiomyoma cell growth. *Fertility and Sterility*, **2014**, 101, 1441-9	4.8	53

53	β-Catenin is an inhibitor of transcription. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 5260-5	11.5	35
52	E-cadherin phosphorylation occurs during its biosynthesis to promote its cell surface stability and adhesion. *Molecular Biology of the Cell*, **2014**, 25, 2365-74	3.5	41
51	β-Catenin cytomechanics □ role in cadherin-dependent adhesion and mechanotransduction. *Development (Cambridge)*, **2014**, 141, e1006-e1006	6.6	
50	Fat in fibrosis. *American Journal of Respiratory and Critical Care Medicine*, **2013**, 188, 1268-9	10.2	1
49	ICAT is a novel Ptf1a interactor that regulates pancreatic acinar differentiation and displays altered expression in tumours. *Biochemical Journal*, **2013**, 451, 395-405	3.8	5
48	Mitochondrial reactive oxygen species promote epidermal differentiation and hair follicle development. *Science Signaling*, **2013**, 6, ra8	8.8	204
47	Paracrine activation of WNT/β-catenin pathway in uterine leiomyoma stem cells promotes tumor growth. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 17053-8	11.5	111
46	Fibrosis in systemic sclerosis: common and unique pathobiology. *Fibrogenesis and Tissue Repair*, **2012**, 5, S18		26
45	UVB radiation-induced β-catenin signaling is enhanced by COX-2 expression in keratinocytes. *Molecular Carcinogenesis*, **2012**, 51, 734-45	5	15
44	Wnt/β-catenin signaling is hyperactivated in systemic sclerosis and induces Smad-dependent fibrotic responses in mesenchymal cells. *Arthritis and Rheumatism*, **2012**, 64, 2734-45		160
43	Signaling from the adherens junction. *Sub-Cellular Biochemistry*, **2012**, 60, 171-96	5.5	34
42	β-catenin signaling: a novel mediator of fibrosis and potential therapeutic target. *Current Opinion in Rheumatology*, **2011**, 23, 562-7	5.3	134
41	Nemo kinase phosphorylates β-catenin to promote ommatidial rotation and connects core PCP factors to E-cadherin-β-catenin. *Nature Structural and Molecular Biology*, **2011**, 18, 665-72	17.6	32
40	Canonical Wnt signaling induces skin fibrosis and subcutaneous lipoatrophy: a novel mouse model for scleroderma?. *Arthritis and Rheumatism*, **2011**, 63, 1707-17		156
39	Nuclear β-catenin is increased in systemic sclerosis pulmonary fibrosis and promotes lung fibroblast migration and proliferation. *American Journal of Respiratory Cell and Molecular Biology*, **2011**, 45, 915-22	5.7	119
38	Regenerative pathways and emphysema: a new paradigm?. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 183, 688-90	10.2	8
37	Integrin regulation of beta-catenin signaling in ovarian carcinoma. *Journal of Biological Chemistry*, **2011**, 286, 23467-75	5.4	41
36	Role of von Hippel-Lindau protein in fibroblast proliferation and fibrosis. *FASEB Journal*, **2011**, 25, 3032-44	5.9	19

35	Tissue-Specific Knockout/Knockdown of Type 2 TGF-Receptor and Protection against Bleomycin Injury/Fibrosis. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 983-983	10.2	2
34	Beta-catenin/T-cell factor signaling is activated during lung injury and promotes the survival and migration of alveolar epithelial cells. *Journal of Biological Chemistry*, **2010**, 285, 3157-67	5.4	85
33	Nesprin-2 interacts with {alpha}-catenin and regulates Wnt signaling at the nuclear envelope. *Journal of Biological Chemistry*, **2010**, 285, 34932-8	5.4	59
32	Regulation of Wnt/beta-catenin signaling by protein kinases. *Developmental Dynamics*, **2010**, 239, 34-44	2.9	110
31	Beta-catenin phosphorylated at serine 45 is spatially uncoupled from beta-catenin phosphorylated in the GSK3 domain: implications for signaling. *PLoS ONE*, **2010**, 5, e10184	3.7	74
30	The terminal region of beta-catenin promotes stability by shielding the Armadillo repeats from the axin-scaffold destruction complex. *Journal of Biological Chemistry*, **2009**, 284, 28222-28231	5.4	21
29	Activity of the beta-catenin phosphodestruction complex at cell-cell contacts is enhanced by cadherin-based adhesion. *Journal of Cell Biology*, **2009**, 186, 219-28	7.3	109
28	Issues associated with assessing nuclear localization of N-terminally unphosphorylated beta-catenin with monoclonal antibody 8E7. *Biology Direct*, **2009**, 4, 5	7.2	17
27	Cadherins and cancer: how does cadherin dysfunction promote tumor progression?. *Oncogene*, **2008**, 27, 6920-9	9.2	593
26	Terminal regions of beta-catenin come into view. *Structure*, **2008**, 16, 336-8	5.2	24
25	Molecular components of the adherens junction. *Biochimica Et Biophysica Acta - Biomembranes*, **2008**, 1778, 562-71	3.8	185
24	VE-cadherin and beta-catenin binding dynamics during histamine-induced endothelial hyperpermeability. *American Journal of Physiology - Cell Physiology*, **2008**, 294, C977-84	5.4	55
23	Polycystin-1 C-terminal tail associates with beta-catenin and inhibits canonical Wnt signaling. *Human Molecular Genetics*, **2008**, 17, 3105-17	5.6	142
22	Phospho-regulation of Beta-catenin adhesion and signaling functions. *Physiology*, **2007**, 22, 303-9	9.8	185
21	Terminating Wnt signals: a novel nuclear export mechanism targets activated (beta)-catenin. *Journal of Cell Biology*, **2005**, 171, 761-3	7.3	4
20	Distinct molecular forms of beta-catenin are targeted to adhesive or transcriptional complexes. *Journal of Cell Biology*, **2004**, 167, 339-49	7.3	277
19	Role for ICAT in beta-catenin-dependent nuclear signaling and cadherin functions. *American Journal of Physiology - Cell Physiology*, **2004**, 286, C747-56	5.4	62
18	Adhesion signaling: how beta-catenin interacts with its partners. *Current Biology*, **2001**, 11, R792-4	6.3	186

17	A dileucine motif targets E-cadherin to the basolateral cell surface in Madin-Darby canine kidney and LLC-PK1 epithelial cells. *Journal of Biological Chemistry*, **2001**, 276, 22565-72	5.4	131
16	E-cadherin suppresses cellular transformation by inhibiting beta-catenin signaling in an adhesion-independent manner. *Journal of Cell Biology*, **2001**, 153, 1049-60	7.3	463
15	A single amino acid in E-cadherin responsible for host specificity towards the human pathogen Listeria monocytogenes. *EMBO Journal*, **1999**, 18, 3956-63	13	390
14	Tyrosine-based membrane protein sorting signals are differentially interpreted by polarized Madin-Darby canine kidney and LLC-PK1 epithelial cells. *Journal of Biological Chemistry*, **1998**, 273, 26862-9	5.4	99
13	Sorting of ion pumps in polarized epithelial cells. *Annals of the New York Academy of Sciences*, **1997**, 834, 514-23	6.5	6
12	The junction-associated protein, zonula occludens-1, localizes to the nucleus before the maturation and during the remodeling of cell-cell contacts. *Proceedings of the National Academy of Sciences of the United States of America*, **1996**, 93, 10779-84	11.5	289
11	Expression of a Protein in Rat Kidney and Distal Colon That Is Related to the Gastric HK-ATPase. *Cellular Physiology and Biochemistry*, **1995**, 5, 1-9	3.9	2
10	Sorting of the gastric H,K-ATPase in endocrine and epithelial cells. *Annals of the New York Academy of Sciences*, **1994**, 733, 212-22	6.5	4
9	Chapter 8 Synthesis and Sorting of Ion Pumps in Polarized Cells. *Current Topics in Membranes*, **1994**, 41, 143-168	2.2	2
8	Sorting of ion transport proteins in polarized cells. *Journal of Cell Science*, **1993**, 17, 13-20	5.3	9
7	Delivery of Na+,K(+)-ATPase in polarized epithelial cells. *Science*, **1993**, 260, 552-4; author reply 554-6	33.3	81
6	An ion-transporting ATPase encodes multiple apical localization signals. *Journal of Cell Biology*, **1993**, 121, 283-93	7.3	129
5	Cell surface biotinylation in the determination of epithelial membrane polarity. *Cytotechnology*, **1992**, 14, 173-180		21
4	Tight Junctions in Simple and Stratified Epithelium217-233		
3	Single-Cell Transcriptomic Analysis of Human Lung Reveals Complex Multicellular Changes During Pulmonary Fibrosis		7
2	Single-cell RNA-seq reveals spatially restricted multicellular fibrotic niches during lung fibrosis		3
1	The Aging Microenvironment Shapes Alveolar Macrophage Identity in Aging		7