

# Cara J Gottardi

## List of Publications by Citations

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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	Cadherins and cancer: how does cadherin dysfunction promote tumor progression?. <i>Oncogene</i> , <b>2008</b> , 27, 6920-9	9.2	593
87	Single-Cell Transcriptomic Analysis of Human Lung Provides Insights into the Pathobiology of Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, 1517-1536	10.2	470
86	E-cadherin suppresses cellular transformation by inhibiting beta-catenin signaling in an adhesion-independent manner. <i>Journal of Cell Biology</i> , <b>2001</b> , 153, 1049-60	7.3	463
85	Monocyte-derived alveolar macrophages drive lung fibrosis and persist in the lung over the life span. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 2387-2404	16.6	434
84	A single amino acid in E-cadherin responsible for host specificity towards the human pathogen <i>Listeria monocytogenes</i> . <i>EMBO Journal</i> , <b>1999</b> , 18, 3956-63	13	390
83	The junction-associated protein, zonula occludens-1, localizes to the nucleus before the maturation and during the remodeling of cell-cell contacts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 10779-84	11.5	289
82	Distinct molecular forms of beta-catenin are targeted to adhesive or transcriptional complexes. <i>Journal of Cell Biology</i> , <b>2004</b> , 167, 339-49	7.3	277
81	Circuits between infected macrophages and T cells in SARS-CoV-2 pneumonia. <i>Nature</i> , <b>2021</b> , 590, 635-644	40.4	219
80	Mitochondrial reactive oxygen species promote epidermal differentiation and hair follicle development. <i>Science Signaling</i> , <b>2013</b> , 6, ra8	8.8	204
79	Adhesion signaling: how beta-catenin interacts with its partners. <i>Current Biology</i> , <b>2001</b> , 11, R792-4	6.3	186
78	Molecular components of the adherens junction. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2008</b> , 1778, 562-71	3.8	185
77	Phospho-regulation of Beta-catenin adhesion and signaling functions. <i>Physiology</i> , <b>2007</b> , 22, 303-9	9.8	185
76	Wnt/β-catenin signaling is hyperactivated in systemic sclerosis and induces Smad-dependent fibrotic responses in mesenchymal cells. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 2734-45		160
75	Canonical Wnt signaling induces skin fibrosis and subcutaneous lipoatrophy: a novel mouse model for scleroderma?. <i>Arthritis and Rheumatism</i> , <b>2011</b> , 63, 1707-17		156
74	Polycystin-1 C-terminal tail associates with beta-catenin and inhibits canonical Wnt signaling. <i>Human Molecular Genetics</i> , <b>2008</b> , 17, 3105-17	5.6	142
73	β-catenin signaling: a novel mediator of fibrosis and potential therapeutic target. <i>Current Opinion in Rheumatology</i> , <b>2011</b> , 23, 562-7	5.3	134
72	A dileucine motif targets E-cadherin to the basolateral cell surface in Madin-Darby canine kidney and LLC-PK1 epithelial cells. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 22565-72	5.4	131

71	An ion-transporting ATPase encodes multiple apical localization signals. <i>Journal of Cell Biology</i> , <b>1993</b> , 121, 283-93	7.3	129
70	Nuclear $\beta$ -catenin is increased in systemic sclerosis pulmonary fibrosis and promotes lung fibroblast migration and proliferation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2011</b> , 45, 915-22	5.7	119
69	Paracrine activation of WNT/ $\beta$ -catenin pathway in uterine leiomyoma stem cells promotes tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 17053-8	11.5	111
68	Regulation of Wnt/ $\beta$ -catenin signaling by protein kinases. <i>Developmental Dynamics</i> , <b>2010</b> , 239, 34-44	2.9	110
67	Activity of the $\beta$ -catenin phosphodestruction complex at cell-cell contacts is enhanced by cadherin-based adhesion. <i>Journal of Cell Biology</i> , <b>2009</b> , 186, 219-28	7.3	109
66	Tyrosine-based membrane protein sorting signals are differentially interpreted by polarized Madin-Darby canine kidney and LLC-PK1 epithelial cells. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 26862-9	5.4	99
65	Beyond $\beta$ -catenin: prospects for a larger catenin network in the nucleus. <i>Nature Reviews Molecular Cell Biology</i> , <b>2016</b> , 17, 55-64	48.7	94
64	$\beta$ -catenin cytomechanics--role in cadherin-dependent adhesion and mechanotransduction. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 1779-91	5.3	91
63	A spatially restricted fibrotic niche in pulmonary fibrosis is sustained by M-CSF/M-CSFR signalling in monocyte-derived alveolar macrophages. <i>European Respiratory Journal</i> , <b>2020</b> , 55,	13.6	88
62	Beta-catenin/T-cell factor signaling is activated during lung injury and promotes the survival and migration of alveolar epithelial cells. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 3157-67	5.4	85
61	Delivery of Na <sup>+</sup> ,K <sup>(+)</sup> -ATPase in polarized epithelial cells. <i>Science</i> , <b>1993</b> , 260, 552-4; author reply 554-6	33.3	81
60	Wnt coreceptor Lrp5 is a driver of idiopathic pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 190, 185-95	10.2	80
59	Beta-catenin phosphorylated at serine 45 is spatially uncoupled from beta-catenin phosphorylated in the GSK3 domain: implications for signaling. <i>PLoS ONE</i> , <b>2010</b> , 5, e10184	3.7	74
58	Wnt-induced deubiquitination FoxM1 ensures nucleus $\beta$ -catenin transactivation. <i>EMBO Journal</i> , <b>2016</b> , 35, 668-84	13	70
57	Role for ICAT in beta-catenin-dependent nuclear signaling and cadherin functions. <i>American Journal of Physiology - Cell Physiology</i> , <b>2004</b> , 286, C747-56	5.4	62
56	Nesprin-2 interacts with $\alpha$ -catenin and regulates Wnt signaling at the nuclear envelope. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 34932-8	5.4	59
55	VE-cadherin and beta-catenin binding dynamics during histamine-induced endothelial hyperpermeability. <i>American Journal of Physiology - Cell Physiology</i> , <b>2008</b> , 294, C977-84	5.4	55
54	Nuclear signaling from cadherin adhesion complexes. <i>Current Topics in Developmental Biology</i> , <b>2015</b> , 112, 129-96	5.3	53

53	Inhibition of canonical WNT signaling attenuates human leiomyoma cell growth. <i>Fertility and Sterility</i> , <b>2014</b> , 101, 1441-9	4.8	53
52	Persistent nuclear actin filaments inhibit transcription by RNA polymerase II. <i>Journal of Cell Science</i> , <b>2016</b> , 129, 3412-25	5.3	50
51	Beyond epithelial-to-mesenchymal transition: Common suppression of differentiation programs underlies epithelial barrier dysfunction in mild, moderate, and severe asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 72, 1988-2004	9.3	43
50	E-cadherin phosphorylation occurs during its biosynthesis to promote its cell surface stability and adhesion. <i>Molecular Biology of the Cell</i> , <b>2014</b> , 25, 2365-74	3.5	41
49	Integrin regulation of beta-catenin signaling in ovarian carcinoma. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 23467-75	5.4	41
48	Force-dependent allostery of the $\beta$ -catenin actin-binding domain controls adherens junction dynamics and functions. <i>Nature Communications</i> , <b>2018</b> , 9, 5121	17.4	40
47	$\beta$ -Catenin phosphorylation promotes intercellular adhesion through a dual-kinase mechanism. <i>Journal of Cell Science</i> , <b>2015</b> , 128, 1150-65	5.3	35
46	$\beta$ -Catenin is an inhibitor of transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 5260-5	11.5	35
45	Signaling from the adherens junction. <i>Sub-Cellular Biochemistry</i> , <b>2012</b> , 60, 171-96	5.5	34
44	Nemo kinase phosphorylates $\beta$ -catenin to promote ommatidial rotation and connects core PCP factors to E-cadherin- $\beta$ -catenin. <i>Nature Structural and Molecular Biology</i> , <b>2011</b> , 18, 665-72	17.6	32
43	Lrp5/ $\beta$ -Catenin Signaling Controls Lung Macrophage Differentiation and Inhibits Resolution of Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2017</b> , 56, 191-201	5.7	27
42	Fibrosis in systemic sclerosis: common and unique pathobiology. <i>Fibrogenesis and Tissue Repair</i> , <b>2012</b> , 5, S18		26
41	The lung microenvironment shapes a dysfunctional response of alveolar macrophages in aging. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	26
40	Terminal regions of beta-catenin come into view. <i>Structure</i> , <b>2008</b> , 16, 336-8	5.2	24
39	Macrophages as a Source and Recipient of Wnt Signals. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1813	8.4	22
38	The terminal region of beta-catenin promotes stability by shielding the Armadillo repeats from the axin-scaffold destruction complex. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 28222-28231	5.4	21
37	Cell surface biotinylation in the determination of epithelial membrane polarity. <i>Cytotechnology</i> , <b>1992</b> , 14, 173-180		21
36	Role of von Hippel-Lindau protein in fibroblast proliferation and fibrosis. <i>FASEB Journal</i> , <b>2011</b> , 25, 3032-49	4.9	19

35	Structural Determinants of the Mechanical Stability of $\beta$ -Catenin. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 18890-903	5.4	18
34	Issues associated with assessing nuclear localization of N-terminally unphosphorylated beta-catenin with monoclonal antibody 8E7. <i>Biology Direct</i> , <b>2009</b> , 4, 5	7.2	17
33	$\beta$ -Catenin homodimers are recruited to phosphoinositide-activated membranes to promote adhesion. <i>Journal of Cell Biology</i> , <b>2017</b> , 216, 3767-3783	7.3	16
32	UVB radiation-induced $\beta$ -catenin signaling is enhanced by COX-2 expression in keratinocytes. <i>Molecular Carcinogenesis</i> , <b>2012</b> , 51, 734-45	5	15
31	The cardiac protein $\beta$ -catenin contributes to chemical-induced asthma. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2015</b> , 308, L253-8	5.8	14
30	$\beta$ -catenin in restricted brain cell types and its potential connection to autism. <i>Journal of Molecular Psychiatry</i> , <b>2016</b> , 4, 2		14
29	Alveolitis in severe SARS-CoV-2 pneumonia is driven by self-sustaining circuits between infected alveolar macrophages and T cells <b>2020</b> ,		14
28	Nuclear $\beta$ -catenin mediates the DNA damage response via $\beta$ -catenin and nuclear actin. <i>Journal of Cell Science</i> , <b>2017</b> , 130, 1717-1729	5.3	13
27	Elevated CO regulates the Wnt signaling pathway in mammals, <i>Drosophila melanogaster</i> and <i>Caenorhabditis elegans</i> . <i>Scientific Reports</i> , <b>2019</b> , 9, 18251	4.9	13
26	Mitochondrial 8-oxoguanine DNA glycosylase mitigates alveolar epithelial cell PINK1 deficiency, mitochondrial DNA damage, apoptosis, and lung fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2020</b> , 318, L1084-L1096	5.8	12
25	The Sphingosine Kinase 1 Inhibitor, PF543, Mitigates Pulmonary Fibrosis by Reducing Lung Epithelial Cell mtDNA Damage and Recruitment of Fibrogenic Monocytes. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	12
24	Adiponectin inhibits Wnt co-receptor, Lrp6, phosphorylation and $\beta$ -catenin signaling. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 470, 606-612	3.4	11
23	Sorting of ion transport proteins in polarized cells. <i>Journal of Cell Science</i> , <b>1993</b> , 17, 13-20	5.3	9
22	Regenerative pathways and emphysema: a new paradigm?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 183, 688-90	10.2	8
21	Single-Cell Transcriptomic Analysis of Human Lung Reveals Complex Multicellular Changes During Pulmonary Fibrosis		7
20	The Aging Microenvironment Shapes Alveolar Macrophage Identity in Aging		7
19	Cardiomyocytes of the Heart and Pulmonary Veins: Novel Contributors to Asthma?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2017</b> , 57, 512-518	5.7	6
18	The cardiomyocyte protein $\beta$ -catenin contributes to asthma through regulating pulmonary vein inflammation. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 123-129.e2	11.5	6

17	The increase in maternal expression of axin1 and axin2 contribute to the zebrafish mutant ichabod ventralized phenotype. <i>Journal of Cellular Biochemistry</i> , <b>2015</b> , 116, 418-30	4.7	6
16	Sorting of ion pumps in polarized epithelial cells. <i>Annals of the New York Academy of Sciences</i> , <b>1997</b> , 834, 514-23	6.5	6
15	Resetting proteostasis with ISRIB promotes epithelial differentiation to attenuate pulmonary fibrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	6
14	ϡ-catenin: A developmentally dispensable, disease-linked member of the ϡcatenin family. <i>Tissue Barriers</i> , <b>2018</b> , 6, e1463896	4.3	6
13	ICAT is a novel Ptf1a interactor that regulates pancreatic acinar differentiation and displays altered expression in tumours. <i>Biochemical Journal</i> , <b>2013</b> , 451, 395-405	3.8	5
12	Terminating Wnt signals: a novel nuclear export mechanism targets activated (beta)-catenin. <i>Journal of Cell Biology</i> , <b>2005</b> , 171, 761-3	7.3	4
11	Sorting of the gastric H,K-ATPase in endocrine and epithelial cells. <i>Annals of the New York Academy of Sciences</i> , <b>1994</b> , 733, 212-22	6.5	4
10	Single-cell RNA-seq reveals spatially restricted multicellular fibrotic niches during lung fibrosis		3
9	Tissue-Specific Knockout/Knockdown of Type 2 TGF-β Receptor and Protection against Bleomycin Injury/Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 184, 983-983	10.2	2
8	Chapter 8 Synthesis and Sorting of Ion Pumps in Polarized Cells. <i>Current Topics in Membranes</i> , <b>1994</b> , 41, 143-168	2.2	2
7	Expression of a Protein in Rat Kidney and Distal Colon That Is Related to the Gastric HK-ATPase. <i>Cellular Physiology and Biochemistry</i> , <b>1995</b> , 5, 1-9	3.9	2
6	Fat in fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 188, 1268-9	10.2	1
5	Nesprin-2G tension fine-tunes Wnt/ϡcatenin signaling. <i>Journal of Cell Biology</i> , <b>2020</b> , 219,	7.3	1
4	A Simple Method to Assess Abundance of the ϡCatenin Signaling Pool in Cells. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1481, 49-60	1.4	0
3	Tight Junctions in Simple and Stratified Epithelium 217-233		
2	ϡCatenin cytomechanics ϡrole in cadherin-dependent adhesion and mechanotransduction. <i>Development (Cambridge)</i> , <b>2014</b> , 141, e1006-e1006	6.6	
1	ϡCatenin phosphorylation promotes intercellular adhesion through a dual-kinase mechanism. <i>Development (Cambridge)</i> , <b>2015</b> , 142, e0704-e0704	6.6	