Andrew P Kowalczyk

List of Publications by Year
in descending order

55	2,087	257450 24	315739 38
papers	citations	h-index	g-index

66	66	66	2397
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Amino-terminal Domain of Desmoplakin Binds to Plakoglobin and Clusters Desmosomal Cadherinâ€“Plakoglobin Complexes. Journal of Cell Biology, 1997, 139, 773-784.	5.2	217
2	Structure, Function, and Regulation of Desmosomes. Progress in Molecular Biology and Translational Science, 2013, 116, 95-118.	1.7	213
3	p120-catenin binding masks an endocytic signal conserved in classical cadherins. Journal of Cell Biology, 2012, 199, 365-380.	5.2	158
4	Mechanisms Causing Loss of Keratinocyte Cohesion in Pemphigus. Journal of Investigative Dermatology, 2018, 138, 32-37.	0.7	113
5	Adherens Junction Turnover: Regulating Adhesion Through Cadherin Endocytosis, Degradation, and Recycling. Sub-Cellular Biochemistry, 2012, 60, 197-222.	2.4	111
6	Protecting your tail: regulation of cadherin degradation by p120â€“catenin. Current Opinion in Cell Biology, 2004, 16, 522-527.	5.4	98
7	Classical and desmosomal cadherins at a glance. Journal of Cell Science, 2012, 125, 2547-2552.	2.0	83
8	Analysis of Desmosomal Cadherinâ€“Adhesive Function and Stoichiometry of Desmosomal Cadherin-Plakoglobin Complexes. Journal of Investigative Dermatology, 1996, 107, 293-300.	0.7	81
9	Cadherin tales: Regulation of cadherin function by endocytic membrane trafficking. Traffic, 2016, 17, 1262-1271.	2.7	75
10	p120-Catenin Is Required for Mouse Vascular Development. Circulation Research, 2010, 106, 941-951.	4.5	71
11	Desmosome Assembly and Disassembly Are Membrane Raft-Dependent. PLoS ONE, 2014, 9, e87809.	2.5	67
12	E-cadherin binds to desmoglein to facilitate desmosome assembly. ELife, 2018, 7, .	6.0	67
13	Talin-Dependent Integrin Activation Regulates VE-Cadherin Localization and Endothelial Cell Barrier Function. Circulation Research, 2019, 124, 891-903.	4.5	59
14	Desmosomes in acquired disease. Cell and Tissue Research, 2015, 360, 439-456.	2.9	45
15	Comparative Analysis of Armadillo Family Proteins in the Regulation of A431 Epithelial Cell Junction Assembly, Adhesion and Migration. Journal of Investigative Dermatology, 2004, 123, 426-433.	0.7	44
16	Plakophilin-1 Protects Keratinocytes from Pemphigus Vulgaris IgG by Forming Calcium-Independent Desmosomes. Journal of Investigative Dermatology, 2014, 134, 1033-1043.	0.7	43
17	N-Cadherin Levels in Endothelial Cells Are Regulated by Monolayer Maturity and p120 Availability. Cell Communication and Adhesion, 2008, 15, 333-349.	1.0	42
18	p120-catenin and Î²-catenin differentially regulate cadherin adhesive function. Molecular Biology of the Cell, 2013, 24, 704-714.	2.1	40

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19	The VE-cadherin cytoplasmic domain undergoes proteolytic processing during endocytosis. Molecular Biology of the Cell, 2017, 28, 76-84.	2.1	40
20	Super-Resolution Microscopy Reveals Altered Desmosomal Protein Organization in Tissue from Patients with Pemphigus Vulgaris. Journal of Investigative Dermatology, 2016, 136, 59-66.	0.7	36
21	The Desmosomal Cadherin Desmoglein-2 Experiences Mechanical Tension as Demonstrated by a FRET-Based Tension Biosensor Expressed in Living Cells. Cells, 2018, 7, 66.	4.1	35
22	Meeting Report of the Pathogenesis of Pemphigus and Pemphigoid Meeting in Munich, September 2016. Journal of Investigative Dermatology, 2017, 137, 1199-1203.	0.7	34
23	VE-cadherin endocytosis controls vascular integrity and patterning during development. Journal of Cell Biology, 2020, 219, .	5.2	34
24	Single-Cell Analysis Suggests that Ongoing Affinity Maturation Drives the Emergence of Pemphigus Vulgaris Autoimmune Disease. Cell Reports, 2019, 28, 909-922.e6.	6.4	31
25	Regulation of endothelial barrier function by p120-cateninâˆ™VE-cadherin interaction. Molecular Biology of the Cell, 2017, 28, 85-97.	2.1	30
26	Palmitoylation of Desmoglein 2 Is a Regulator of Assembly Dynamics and Protein Turnover. Journal of Biological Chemistry, 2016, 291, 24857-24865.	3.4	26
27	The desmosome is a mesoscale lipid raftâ€“like membrane domain. Molecular Biology of the Cell, 2019, 30, 1390-1405.	2.1	26
28	p120-catenin regulates VE-cadherin endocytosis and degradation induced by the Kaposi sarcomaâ€“associated ubiquitin ligase K5. Molecular Biology of the Cell, 2017, 28, 30-40.	2.1	23
29	Molecular organization of the desmosome as revealed by direct stochastic optical reconstruction microscopy. Journal of Cell Science, 2016, 129, 2897-904.	2.0	22
30	Protein exchange is reduced in calcium-independent epithelial junctions. Journal of Cell Biology, 2020, 219, .	5.2	20
31	Cadherin-11 endocytosis through binding to clathrin promotes cadherin-11-mediated migration in prostate cancer cells. Journal of Cell Science, 2015, 128, 4629-41.	2.0	18
32	The desmosome as a model for lipid raft driven membrane domain organization. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183329.	2.6	15
33	Photoreceptor Cells in Flies and Mammals. Developmental Cell, 2002, 2, 253-254.	7.0	14
34	Ankyrin-G Inhibits Endocytosis of Cadherin Dimers. Journal of Biological Chemistry, 2016, 291, 691-704.	3.4	10
35	RPGRIP1L is required for stabilizing epidermal keratinocyte adhesion through regulating desmoglein endocytosis. PLoS Genetics, 2019, 15, e1007914.	3.5	8
36	Differential Pathomechanisms of Desmoglein 1 Transmembrane Domain Mutations in Skin Disease. Journal of Investigative Dermatology, 2022, 142, 323-332.e8.	0.7	8

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37	Desmosomes undergo dynamic architectural changes during assembly and maturation. Tissue Barriers, 2022, 10, 2017225.	3.2	6
38	Signaling To and Through The Endothelial Adherens Junction. , 0, , 169-195.		4
39	Integrin Trafficking. , 0, , 89-107.		4
40	Desmosomes in Development and Disease. , 0, , 235-249.		4
41	Cadherin Trafficking and Junction Dynamics. , 0, , 251-270.		3
42	Making Connections: Desmoplakin as an Intermediate Filament-Binding Protein. Journal of Investigative Dermatology, 2007, 127, E8-E9.	0.7	1
43	Crosstalk Between Cellâ€“Cell and Cellâ€“Matrix Adhesion. , 0, , 271-294.		1
44	Tight Junctions in Simple and Stratified Epithelium. , 0, , 217-233.		1
45	Gap Junctions: Connexin Functions and Roles in Human Disease. , 0, , 197-216.		1
46	Adhesion Dynamics in Motile Cells. , 0, , 71-88.		1
47	Hemidesmosomes and their Components: Adhesion versus Signaling in Health and Disease. , 0, , 109-133.		1
48	Armadillo Repeat Proteins at Epithelial Adherens Junctions. , 0, , 151-167.		1
49	Cell Matrix Adhesion in Three Dimensions. , 0, , 135-149.		0
50	The Ins and Outs of Integrin Signaling. , 0, , 1-23.		0
51	Integrin Signaling Through Focal Adhesion Kinase. , 0, , 25-46.		0
52	The Paxillin Family and Tissue Remodeling. , 0, , 47-69.		0
53	Protocols that stick. Journal of Cell Science, 2002, 115, 3225-3225.	2.0	0
54	P120â€Catenin controls junctional leukocyte transmigration in vitro by regulating VEâ€Cadherin surface expression. FASEB Journal, 2008, 22, 329.10.	0.5	0

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55	Expression of an endocyticâ€defective VEâ€cadherin mutant cannot restore cellâ€cellâ€adhesion in the absence p120 in the endothelium. FASEB Journal, 2013, 27, 57.12.	0.5	0