# 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 | Differential Pathomechanisms of Desmoglein 1 Transmembrane Domain Mutations in Skin Disease. Journal of Investigative Dermatology, 2022, 142, 323-332.e8. | 0.7 | 8 |
| 2 | Desmosomes undergo dynamic architectural changes during assembly and maturation. Tissue Barriers, 2022, 10, 2017225. | 3.2 | 6 |
| 3 | The desmosome as a model for lipid raft driven membrane domain organization. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183329. | 2.6 | 15 |
| 4 | Protein exchange is reduced in calcium-independent epithelial junctions. Journal of Cell Biology, 2020, 219, . | 5.2 | 20 |
| 5 | VE-cadherin endocytosis controls vascular integrity and patterning during development. Journal of Cell Biology, 2020, 219, . | 5.2 | 34 |
| 6 | 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 |
| 7 | RPGRIP1L is required for stabilizing epidermal keratinocyte adhesion through regulating desmoglein endocytosis. PLoS Genetics, 2019, 15, e1007914. | 3.5 | 8 |
| 8 | Talin-Dependent Integrin Activation Regulates VE-Cadherin Localization and Endothelial Cell Barrier Function. Circulation Research, 2019, 124, 891-903. | 4.5 | 59 |
| 9 | The desmosome is a mesoscale lipid raftâ€“like membrane domain. Molecular Biology of the Cell, 2019, 30, 1390-1405. | 2.1 | 26 |
| 10 | Mechanisms Causing Loss of Keratinocyte Cohesion in Pemphigus. Journal of Investigative Dermatology, 2018, 138, 32-37. | 0.7 | 113 |
| 11 | 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 |
| 12 | E-cadherin binds to desmoglein to facilitate desmosome assembly. ELife, 2018, 7, . | 6.0 | 67 |
| 13 | 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 |
| 14 | 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 |
| 15 | Regulation of endothelial barrier function by p120-cateninâ^™VE-cadherin interaction. Molecular Biology of the Cell, 2017, 28, 85-97. | 2.1 | 30 |
| 16 | The VE-cadherin cytoplasmic domain undergoes proteolytic processing during endocytosis. Molecular Biology of the Cell, 2017, 28, 76-84. | 2.1 | 40 |
| 17 | Cadherin tales: Regulation of cadherin function by endocytic membrane trafficking. Traffic, 2016, 17, 1262-1271. | 2.7 | 75 |
| 18 | Palmitoylation of Desmoglein 2 Is a Regulator of Assembly Dynamics and Protein Turnover. Journal of Biological Chemistry, 2016, 291, 24857-24865. | 3.4 | 26 |

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|---|---|---|---|
| 19 | Molecular organization of the desmosome as revealed by direct stochastic optical reconstruction microscopy. Journal of Cell Science, 2016, 129, 2897-904. | 2.0 | 22 |
| 20 | Ankyrin-G Inhibits Endocytosis of Cadherin Dimers. Journal of Biological Chemistry, 2016, 291, 691-704. | 3.4 | 10 |
| 21 | 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 |
| 22 | Desmosomes in acquired disease. Cell and Tissue Research, 2015, 360, 439-456. | 2.9 | 45 |
| 23 | 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 |
| 24 | Desmosome Assembly and Disassembly Are Membrane Raft-Dependent. PLoS ONE, 2014, 9, e87809. | 2.5 | 67 |
| 25 | Plakophilin-1 Protects Keratinocytes from Pemphigus Vulgaris IgG by Forming Calcium-Independent Desmosomes. Journal of Investigative Dermatology, 2014, 134, 1033-1043. | 0.7 | 43 |
| 26 | Structure, Function, and Regulation of Desmosomes. Progress in Molecular Biology and Translational Science, 2013, 116, 95-118. | 1.7 | 213 |
| 27 | p120-catenin and Î²-catenin differentially regulate cadherin adhesive function. Molecular Biology of the Cell, 2013, 24, 704-714. | 2.1 | 40 |
| 28 | 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 |
| 29 | p120-catenin binding masks an endocytic signal conserved in classical cadherins. Journal of Cell Biology, 2012, 199, 365-380. | 5.2 | 158 |
| 30 | Classical and desmosomal cadherins at a glance. Journal of Cell Science, 2012, 125, 2547-2552. | 2.0 | 83 |
| 31 | Adherens Junction Turnover: Regulating Adhesion Through Cadherin Endocytosis, Degradation, and Recycling. Sub-Cellular Biochemistry, 2012, 60, 197-222. | 2.4 | 111 |
| 32 | p120-Catenin Is Required for Mouse Vascular Development. Circulation Research, 2010, 106, 941-951. | 4.5 | 71 |
| 33 | 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 |
| 34 | P120â€Catenin controls junctional leukocyte transmigration in vitro by regulating VEâ€Cadherin surface expression. FASEB Journal, 2008, 22, 329.10. | 0.5 | 0 |
| 35 | Making Connections: Desmoplakin as an Intermediate Filament-Binding Protein. Journal of Investigative Dermatology, 2007, 127, E8-E9. | 0.7 | 1 |
| 36 | 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 |

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|---|---|---|---|
| 37 | Protecting your tail: regulation of cadherin degradation by p120â€“catenin. Current Opinion in Cell Biology, 2004, 16, 522-527. | 5.4 | 98 |
| 38 | Photoreceptor Cells in Flies and Mammals. Developmental Cell, 2002, 2, 253-254. | 7.0 | 14 |
| 39 | Protocols that stick. Journal of Cell Science, 2002, 115, 3225-3225. | 2.0 | 0 |
| 40 | 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 |
| 41 | Analysis of Desmosomal Cadherinâ€“Adhesive Function and Stoichiometry of Desmosomal Cadherin-Plakoglobin Complexes. Journal of Investigative Dermatology, 1996, 107, 293-300. | 0.7 | 81 |
| 42 | Crosstalk Between Cellâ€“Cell and Cellâ€“Matrix Adhesion. , 0, , 271-294. | | 1 |
| 43 | Tight Junctions in Simple and Stratified Epithelium. , 0, , 217-233. | | 1 |
| 44 | Gap Junctions: Connexin Functions and Roles in Human Disease. , 0, , 197-216. | | 1 |
| 45 | Signaling To and Through The Endothelial Adherens Junction. , 0, , 169-195. | | 4 |
| 46 | Integrin Trafficking. , 0, , 89-107. | | 4 |
| 47 | Cell Matrix Adhesion in Three Dimensions. , 0, , 135-149. | | 0 |
| 48 | The Ins and Outs of Integrin Signaling. , 0, , 1-23. | | 0 |
| 49 | Desmosomes in Development and Disease. , 0, , 235-249. | | 4 |
| 50 | Cadherin Trafficking and Junction Dynamics. , 0, , 251-270. | | 3 |
| 51 | Integrin Signaling Through Focal Adhesion Kinase. , 0, , 25-46. | | 0 |
| 52 | The Paxillin Family and Tissue Remodeling. , 0, , 47-69. | | 0 |
| 53 | Adhesion Dynamics in Motile Cells. , 0, , 71-88. | | 1 |
| 54 | Hemidesmosomes and their Components: Adhesion versus Signaling in Health and Disease. , 0, , 109-133. | | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Armadillo Repeat Proteins at Epithelial Adherens Junctions. , 0, , 151-167. | | 1 |