

Kathleen J Green

List of Publications by Year in descending order

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131
papers

10,743
citations

22099

59
h-index

33814

99
g-index

142
all docs

142
docs citations

142
times ranked

8038
citing authors

#	ARTICLE	IF	CITATIONS
1	Desmosomal Cadherins in Health and Disease. Annual Review of Pathology: Mechanisms of Disease, 2022, 17, 47-72.	9.6	37
2	Translational implications of Th17-skewed inflammation due to genetic deficiency of a cadherin stress sensor. Journal of Clinical Investigation, 2022, 132, .	3.9	24
3	Plectin pulls it together, coupling the cortical actin and intermediate filament cytoskeletons. Journal of Cell Biology, 2022, 221, .	2.3	5
4	The Desmosome-Keratin Scaffold Integrates ErbB Family and Mechanical Signaling to Polarize Epidermal Structure and Function. Frontiers in Cell and Developmental Biology, 2022, 10, .	1.8	9
5	Connecting Cells Desmosomes and Hemidesmosomes. , 2021, , 134-142.		0
6	Regulation of intestinal epithelial intercellular adhesion and barrier function by desmosomal cadherin desmocollin-2. Molecular Biology of the Cell, 2021, 32, 753-768.	0.9	18
7	Desmosomes polarize and integrate chemical and mechanical signaling to govern epidermal tissue form and function. Current Biology, 2021, 31, 3275-3291.e5.	1.8	22
8	Plakophilin 3 and Par3 facilitate desmosomesâ€™ association with the apical junctional complex. Molecular Biology of the Cell, 2021, 32, 1824-1837.	0.9	2
9	The Role of Desmoglein 1 in Gap Junction Turnover Revealed through the Study of SAM Syndrome. Journal of Investigative Dermatology, 2020, 140, 556-567.e9.	0.3	17
10	Keratinocyte cadherin desmoglein 1 controls melanocyte behavior through paracrine signaling. Pigment Cell and Melanoma Research, 2020, 33, 305-317.	1.5	31
11	Proximity Ligation Assay for Detecting Protein-Protein Interactions and Protein Modifications in Cells and Tissues in Situ. Current Protocols in Cell Biology, 2020, 89, e115.	2.3	41
12	Scaling up single-cell mechanics to multicellular tissues â€” the role of the intermediate filamentâ€™ desmosome network. Journal of Cell Science, 2020, 133, .	1.2	42
13	Tracing the Evolutionary Origin of Desmosomes. Current Biology, 2020, 30, R535-R543.	1.8	33
14	Desmoglein 1 Regulates Invadopodia by Suppressing EGFR/Erk Signaling in an Erbin-Dependent Manner. Molecular Cancer Research, 2019, 17, 1195-1206.	1.5	16
15	Definition and treatment of arrhythmogenic cardiomyopathy: an updated expert panel report. European Journal of Heart Failure, 2019, 21, 955-964.	2.9	84
16	Desmosomes: Essential contributors to an integrated intercellular junction network. F1000Research, 2019, 8, 2150.	0.8	59
17	Desmosomal cadherin association with Tctex-1 and cortactin-Arp2/3 drives perijunctional actin polymerization to promote keratinocyte delamination. Nature Communications, 2018, 9, 1053.	5.8	52
18	Adherens Junctions and Desmosomes Coordinate Mechanics and Signaling to Orchestrate Tissue Morphogenesis and Function: An Evolutionary Perspective. Cold Spring Harbor Perspectives in Biology, 2018, 10, a029207.	2.3	102

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19	Techniques to stimulate and interrogate cell-cell adhesion mechanics. <i>Extreme Mechanics Letters</i> , 2018, 20, 125-139.	2.0	16
20	Epithelial barrier dysfunction in desmoglein-1 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 702-706.e7.	1.5	31
21	Filaggrin 2 Deficiency Results in Abnormal Cell-Cell Adhesion in the Cornified Cell Layers and Causes Peeling Skin Syndrome Type A. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1736-1743.	0.3	37
22	Desmoplakin maintains gap junctions by inhibiting Ras/MAPK and lysosomal degradation of connexin-43. <i>Journal of Cell Biology</i> , 2018, 217, 3219-3235.	2.3	41
23	The desmoplakin-intermediate filament linkage regulates cell mechanics. <i>Molecular Biology of the Cell</i> , 2017, 28, 3156-3164.	0.9	70
24	Epidermolytic Ichthyosis Sine Epidermolysis. <i>American Journal of Dermatopathology</i> , 2017, 39, 440-444.	0.3	11
25	Intermediate Filaments and the Plasma Membrane. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a025866.	2.3	31
26	A rim-and-spoke hypothesis to explain the biomechanical roles for cytoplasmic intermediate filament networks. <i>Journal of Cell Science</i> , 2017, 130, 3437-3445.	1.2	43
27	<sc>SVEP</sc> 1 plays a crucial role in epidermal differentiation. <i>Experimental Dermatology</i> , 2017, 26, 423-430.	1.4	17
28	In Vitro Model of the Epidermis. <i>Methods in Enzymology</i> , 2016, 569, 287-308.	0.4	54
29	Degrees of Freedom: Your Future in Biomedical Research. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1073-1076.	0.3	0
30	Epidermal Desmoglein 1 Expression Is Reduced in Kidney Transplant Recipients Compared with Immunocompetent Patients. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1908-1912.	0.3	2
31	Cadherins in Cancer. , 2016, , 363-397.		3
32	Plakophilin-2 loss promotes TGF- β 1/p38 MAPK-dependent fibrotic gene expression in cardiomyocytes. <i>Journal of Cell Biology</i> , 2016, 212, 425-438.	2.3	83
33	Dominant de novo DSP mutations cause erythrokeratoderma-cardiomyopathy syndrome. <i>Human Molecular Genetics</i> , 2016, 25, 348-357.	1.4	31
34	Plakophilin-2 loss promotes TGF- β 1/p38 MAPK-dependent fibrotic gene expression in cardiomyocytes. <i>Journal of Experimental Medicine</i> , 2016, 213, 2133OIA12.	4.2	0
35	GSK3- and PRMT-1-dependent modifications of desmoplakin control desmoplakin cytoskeleton dynamics. <i>Journal of Cell Biology</i> , 2015, 208, 597-612.	2.3	58
36	Desmosome regulation and signaling in disease. <i>Cell and Tissue Research</i> , 2015, 360, 501-512.	1.5	96

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37	Severe dermatitis, multiple allergies, and metabolic wasting syndrome caused by a novel mutation in the N-terminal plakoin domain of desmoplakin. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1268-1276.	1.5	103
38	Plakophilin 2 Affects Cell Migration by Modulating Focal Adhesion Dynamics and Integrin Protein Expression. <i>Journal of Investigative Dermatology</i> , 2014, 134, 112-122.	0.3	25
39	Desmosomes: Regulators of Cellular Signaling and Adhesion in Epidermal Health and Disease. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014, 4, a015297-a015297.	2.9	103
40	Plakophilin 3 mediates Rap1-dependent desmosome assembly and adherens junction maturation. <i>Molecular Biology of the Cell</i> , 2014, 25, 3749-3764.	0.9	28
41	The Desmosomal Protein Desmoglein 1 Aids Recovery of Epidermal Differentiation after Acute UV Light Exposure. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2154-2162.	0.3	35
42	Disease mutations in desmoplakin inhibit Cx43 membrane targeting mediated by desmoplakin-EB1 interactions. <i>Journal of Cell Biology</i> , 2014, 206, 779-797.	2.3	70
43	Different roles of cadherins in the assembly and structural integrity of the desmosome complex. <i>Journal of Cell Science</i> , 2014, 127, 2339-50.	1.2	56
44	Desmosomes in the Heart: A Review of Clinical and Mechanistic Analyses. <i>Cell Communication and Adhesion</i> , 2014, 21, 109-128.	1.0	53
45	Structural and Functional Diversity of Desmosomes. <i>Cell Communication and Adhesion</i> , 2013, 20, 171-187.	1.0	50
46	Phosphorylation of serine 4642 in the COOH-extremity of plectin by MNK2 and PKA modulates its interaction with intermediate filaments. <i>Journal of Cell Science</i> , 2013, 126, 4195-207.	1.2	28
47	Structure, Function, and Regulation of Desmosomes. <i>Progress in Molecular Biology and Translational Science</i> , 2013, 116, 95-118.	0.9	213
48	Response to Garrod. <i>Journal of Investigative Dermatology</i> , 2013, 133, 578-579.	0.3	0
49	The GEF Bcr activates RhoA/MAL signaling to promote keratinocyte differentiation via desmoglein-1. <i>Journal of Cell Biology</i> , 2013, 202, 653-666.	2.3	34
50	Desmoglein 1 deficiency results in severe dermatitis, multiple allergies and metabolic wasting. <i>Nature Genetics</i> , 2013, 45, 1244-1248.	9.4	289
51	Desmosome assembly and dynamics. <i>Trends in Cell Biology</i> , 2013, 23, 537-546.	3.6	138
52	Desmoglein-1/Erbin interaction suppresses ERK activation to support epidermal differentiation. <i>Journal of Clinical Investigation</i> , 2013, 123, 1556-1570.	3.9	124
53	Fibronectin Expression Determines Skin Cell Motile Behavior. <i>Journal of Investigative Dermatology</i> , 2012, 132, 448-457.	0.3	27
54	Desmoplakin Regulates Desmosome Hyperadhesion. <i>Journal of Investigative Dermatology</i> , 2012, 132, 482-485.	0.3	62

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55	The C-terminal unique region of desmoglein 2 inhibits its internalization via tail-tail interactions. <i>Journal of Cell Biology</i> , 2012, 199, 699-711.	2.3	37
56	The Desmosomal Armadillo Protein Plakoglobin Regulates Prostate Cancer Cell Adhesion and Motility through Vitronectin-Dependent Src Signaling. <i>PLoS ONE</i> , 2012, 7, e42132.	1.1	19
57	Deconstructing the skin: cytoarchitectural determinants of epidermal morphogenesis. <i>Nature Reviews Molecular Cell Biology</i> , 2011, 12, 565-580.	16.1	375
58	Desmosomes. <i>Current Biology</i> , 2011, 21, R529-R531.	1.8	33
59	Interactions Between Ankyrin-G, Plakophilin-2, and Connexin43 at the Cardiac Intercalated Disc. <i>Circulation Research</i> , 2011, 109, 193-201.	2.0	218
60	Desmosomal cadherins utilize distinct kinesins for assembly into desmosomes. <i>Journal of Cell Biology</i> , 2011, 195, 1185-1203.	2.3	84
61	The calcium ATPase SERCA2 regulates desmoplakin dynamics and intercellular adhesive strength through modulation of PKC β signaling. <i>FASEB Journal</i> , 2011, 25, 990-1001.	0.2	55
62	Plakophilin 2 Couples Actomyosin Remodeling to Desmosomal Plaque Assembly via RhoA. <i>Molecular Biology of the Cell</i> , 2010, 21, 2844-2859.	0.9	89
63	Plakoglobin regulates cell motility through Rho- and fibronectin-dependent Src signaling. <i>Journal of Cell Science</i> , 2010, 123, 3576-3586.	1.2	58
64	Intercellular Junction Assembly, Dynamics, and Homeostasis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010, 2, a000125-a000125.	2.3	238
65	Detection of Differentially Expressed Basal Cell Proteins by Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 351-361.	2.5	23
66	Ordered Assembly of the Adhesive and Electrochemical Connections within Newly Formed Intercalated Disks in Primary Cultures of Adult Rat Cardiomyocytes. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-14.	3.0	36
67	Insights from a Desmoplakin Mutation Identified in Lethal Acantholytic Epidermolysis Bullosa. <i>Journal of Investigative Dermatology</i> , 2010, 130, 2680-2683.	0.3	33
68	Targeting of desmoglein 1 in exfoliative toxin-mediated disease. <i>Expert Review of Dermatology</i> , 2010, 5, 659-670.	0.3	0
69	Plakoglobin Rescues Adhesive Defects Induced by Ectodomain Truncation of the Desmosomal Cadherin Desmoglein 1. <i>American Journal of Pathology</i> , 2010, 177, 2921-2937.	1.9	31
70	Desmoglein 1-dependent suppression of EGFR signaling promotes epidermal differentiation and morphogenesis. <i>Journal of Cell Biology</i> , 2009, 185, 1243-1258.	2.3	186
71	Desmosomes at a glance. <i>Journal of Cell Science</i> , 2009, 122, 4401-4407.	1.2	84
72	The Chemopreventive Bioflavonoid Apigenin Inhibits Prostate Cancer Cell Motility through the Focal Adhesion Kinase/Src Signaling Mechanism. <i>Cancer Prevention Research</i> , 2009, 2, 830-841.	0.7	69

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73	EGFR and ADAMs Cooperate to Regulate Shedding and Endocytic Trafficking of the Desmosomal Cadherin Desmoglein 2. <i>Molecular Biology of the Cell</i> , 2009, 20, 328-337.	0.9	90
74	Plakophilins: multifunctional scaffolds for adhesion and signaling. <i>Current Opinion in Cell Biology</i> , 2009, 21, 708-716.	2.6	131
75	Regulatory roles of the cadherin superfamily. <i>F1000 Biology Reports</i> , 2009, 1, 13.	4.0	2
76	Intermediate filament assembly: dynamics to disease. <i>Trends in Cell Biology</i> , 2008, 18, 28-37.	3.6	80
77	Plakophilin 2: a critical scaffold for PKC ζ that regulates intercellular junction assembly. <i>Journal of Cell Biology</i> , 2008, 181, 605-613.	2.3	133
78	Identification of Desmogleins as Disease Targets. <i>Journal of Investigative Dermatology</i> , 2007, 127, E15-E16.	0.3	5
79	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
80	Desmosomes: New Perspectives on a Classic. <i>Journal of Investigative Dermatology</i> , 2007, 127, 2499-2515.	0.3	339
81	Discriminating roles of desmosomal cadherins: Beyond desmosomal adhesion. <i>Journal of Dermatological Science</i> , 2007, 45, 7-21.	1.0	120
82	Plakoglobin Deficiency Protects Keratinocytes from Apoptosis. <i>Journal of Investigative Dermatology</i> , 2007, 127, 792-801.	0.3	37
83	New insights into the molecular basis of desmoplakin and desmin-related cardiomyopathies. <i>Journal of Cell Science</i> , 2006, 119, 4974-4985.	1.2	57
84	Desmosomal Dysfunction due to Mutations in Desmoplakin Causes Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. <i>Circulation Research</i> , 2006, 99, 646-655.	2.0	276
85	The Differentiation-dependent Desmosomal Cadherin Desmoglein 1 Is a Novel Caspase-3 Target That Regulates Apoptosis in Keratinocytes. <i>Journal of Biological Chemistry</i> , 2006, 281, 3614-3624.	1.6	97
86	Plakoglobin suppresses keratinocyte motility through both cell-cell adhesion-dependent and -independent mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 5420-5425.	3.3	85
87	Mechanisms of Plakoglobin-dependent Adhesion. <i>Journal of Biological Chemistry</i> , 2005, 280, 40355-40363.	1.6	82
88	Desmoplakin assembly dynamics in four dimensions. <i>Journal of Cell Biology</i> , 2005, 171, 1045-1059.	2.3	134
89	Intermediate Filament Associated Proteins. <i>Advances in Protein Chemistry</i> , 2005, 70, 143-202.	4.4	84
90	Epidermal Growth Factor Receptor Inhibition Promotes Desmosome Assembly and Strengthens Intercellular Adhesion in Squamous Cell Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 37191-37200.	1.6	135

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91	Desmosomes and Hemidesmosomes. , 2004, , 569-576.		3
92	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.	0.3	44
93	Working out the strength and flexibility of desmosomes. Nature Reviews Molecular Cell Biology, 2004, 5, 271-281.	16.1	304
94	Coordinated expression of desmoglein 1 and desmocollin 1 regulates intercellular adhesion. Differentiation, 2004, 72, 419-433.	1.0	89
95	In Vitro Methods for Investigating Desmoplakinâ€™Intermediate Filament Interactions and Their Role in Adhesive Strength. Methods in Cell Biology, 2004, 78, 757-786.	0.5	21
96	Regulation of desmosome assembly and adhesion. Seminars in Cell and Developmental Biology, 2004, 15, 665-77.	2.3	117
97	p120 catenin associates with kinesin and facilitates the transport of cadherinâ€™catenin complexes to intercellular junctions. Journal of Cell Biology, 2003, 163, 547-557.	2.3	237
98	Targeting of p0071 to desmosomes and adherens junctions is mediated by different protein domains. Journal of Cell Science, 2003, 116, 1219-1233.	1.2	66
99	Interaction of the Bullous Pemphigoid Antigen 1 (BP230) and Desmoplakin with Intermediate Filaments Is Mediated by Distinct Sequences within Their COOH Terminus. Molecular Biology of the Cell, 2003, 14, 1978-1992.	0.9	98
100	Defining desmosomal plakophilin-3 interactions. Journal of Cell Biology, 2003, 161, 403-416.	2.3	148
101	Protein Binding and Functional Characterization of Plakophilin 2. Journal of Biological Chemistry, 2002, 277, 10512-10522.	1.6	198
102	Intermediate filamentâ€™membrane attachments function synergistically with actin-dependent contacts to regulate intercellular adhesive strength. Journal of Cell Biology, 2002, 159, 1005-1017.	2.3	134
103	Plakins: a family of versatile cytolinker proteins. Trends in Cell Biology, 2002, 12, 37-45.	3.6	273
104	Loss of adhesion-regulated proteinase production is correlated with invasive activity in oral squamous cell carcinoma. Cancer, 2002, 95, 2524-2533.	2.0	31
105	Structures of two intermediate filament-binding fragments of desmoplakin reveal a unique repeat motif structure. Nature Structural Biology, 2002, 9, 612-20.	9.7	82
106	Isoform-Specific Differences in the Size of Desmosomal Cadherin/Catenin Complexes. Journal of Investigative Dermatology, 2001, 117, 1302-1306.	0.3	16
107	Assembly of Desmosomal Cadherins into Desmosomes is Isoform Dependent. Journal of Investigative Dermatology, 2001, 117, 26-35.	0.3	39
108	Limitations of Comparative Detection of Proteins via Epitope Tagging. Analytical Biochemistry, 2001, 293, 139-142.	1.1	4

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109	Cadherin function: Breaking the barrier. <i>Current Biology</i> , 2001, 11, R569-R572.	1.8	29
110	Tyrosine-phosphorylated Plakoglobin Is Associated with Desmogleins but Not Desmoplakin after Epidermal Growth Factor Receptor Activation. <i>Journal of Biological Chemistry</i> , 2001, 276, 24871-24880.	1.6	73
111	The plakin family. <i>Journal of Cell Science</i> , 2001, 114, 3409-3410.	1.2	56
112	Are desmosomes more than tethers for intermediate filaments?. <i>Nature Reviews Molecular Cell Biology</i> , 2000, 1, 208-216.	16.1	365
113	The Head Domain of Plakophilin-1 Binds to Desmoplakin and Enhances Its Recruitment to Desmosomes. <i>Journal of Biological Chemistry</i> , 1999, 274, 18145-18148.	1.6	130
114	Envoplakin and Periplakin are Components of the Paraneoplastic Pemphigus Antigen Complex. <i>Journal of Investigative Dermatology</i> , 1998, 111, 1236-1238.	0.3	92
115	The Expression of Desmoglein Isoforms in Cultured Human Keratinocytes Is Regulated by Calcium, Serum, and Protein Kinase C. <i>Experimental Cell Research</i> , 1998, 239, 50-59.	1.2	78
116	Desmosomes: Intercellular Adhesive Junctions Specialized for Attachment of Intermediate Filaments. <i>International Review of Cytology</i> , 1998, 185, 237-302.	6.2	206
117	The Amino-terminal Domain of Desmoplakin Binds to Plakoglobin and Clusters Desmosomal Cadherin-Plakoglobin Complexes. <i>Journal of Cell Biology</i> , 1997, 139, 773-784.	2.3	217
118	Two-hybrid Analysis Reveals Fundamental Differences in Direct Interactions between Desmoplakin and Cell Type-specific Intermediate Filaments. <i>Journal of Biological Chemistry</i> , 1997, 272, 21495-21503.	1.6	138
119	Desmosomes and hemidesmosomes: structure and function of molecular components. <i>FASEB Journal</i> , 1996, 10, 871-881.	0.2	322
120	Chapter 10 The Desmosome: A Component System for Adhesion and Intermediate Filament Attachment. <i>Current Topics in Membranes</i> , 1996, 43, 187-209.	0.5	5
121	Analysis of Desmosomal Cadherin-Adhesive Function and Stoichiometry of Desmosomal Cadherin-Plakoglobin Complexes. <i>Journal of Investigative Dermatology</i> , 1996, 107, 293-300.	0.3	81
122	Antigen-Specific Immunoabsorption of Pathogenic Autoantibodies in Pemphigus Foliaceus. <i>Journal of Investigative Dermatology</i> , 1995, 104, 895-901.	0.3	232
123	Pemphigus Sera Recognize Conformationally Sensitive Epitopes in the Amino-Terminal Region of Desmoglein-1. <i>Journal of Investigative Dermatology</i> , 1995, 105, 147-152.	0.3	80
124	Assignment of the human genes for desmocollin 3 (DSC3) and desmocollin 4 (DSC4) to chromosome 18q12. <i>Genomics</i> , 1995, 25, 330-332.	1.3	16
125	Structure and function of desmosomal transmembrane core and plaque molecules. <i>Biophysical Chemistry</i> , 1994, 50, 97-112.	1.5	55
126	The Human Genes for Desmogleins (DSG1 and DSG3) Are Located in a Small Region on Chromosome 18q12. <i>Genomics</i> , 1994, 20, 492-495.	1.3	28

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127	Structure of Desmoplakin and Its Association with Intermediate Filaments. <i>Journal of Dermatology</i> , 1992, 19, 765-769.	0.6	39
128	Comparative structural analysis of desmoplakin, bullous pemphigoid antigen and plectin: members of a new gene family involved in organization of intermediate filaments. <i>International Journal of Biological Macromolecules</i> , 1992, 14, 145-153.	3.6	164
129	Intermediate filament plasma membrane interactions. <i>Current Opinion in Cell Biology</i> , 1991, 3, 127-132.	2.6	64
130	Desmoplakin expression and distribution in cultured rat bladder epithelial cells of varying tumorigenic potential. <i>Experimental Cell Research</i> , 1991, 193, 134-143.	1.2	27
131	Interaction of Intermediate Filaments with the Cell Surface. , 1990, , 147-171.		22