Elaine Fuchs

List of Publications by Year
in descending order

211 papers	49,893 citations	906 116 h-index	2127 203 g-index
225 all docs	225 docs citations	225 times ranked	42510 citing authors

#	Article	IF	Citations
1	Defining the Epithelial Stem Cell Niche in Skin. Science, 2004, 303, 359-363.	12.6	1,877
2	Socializing with the Neighbors. Cell, 2004, 116, 769-778.	28.9	1,626
3	Defining trained immunity and its role in health and disease. Nature Reviews Immunology, 2020, 20, 375-388.	22.7	1,345
4	De Novo Hair Follicle Morphogenesis and Hair Tumors in Mice Expressing a Truncated Î²-Catenin in Skin. Cell, 1998, 95, 605-614.	28.9	1,301
5	Self-Renewal, Multipotency, and the Existence of Two Cell Populations within an Epithelial Stem Cell Niche. Cell, 2004, 118, 635-648.	28.9	1,300
6	Epidermal homeostasis: a balancing act of stem cells in the skin. Nature Reviews Molecular Cell Biology, 2009, 10, 207-217.	37.0	1,076
7	Directed Actin Polymerization Is the Driving Force for Epithelial Cellâ€"Cell Adhesion. Cell, 2000, 100, 209-219.	28.9	1,064
8	Changes in keratin gene expression during terminal differentiation of the keratinocyte. Cell, 1980, 19, 1033-1042.	28.9	1,041
9	Asymmetric cell divisions promote stratification and differentiation of mammalian skin. Nature, 2005, 437, 275-280.	27.8	889
10	A common human skin tumour is caused by activating mutations in Î²-catenin. Nature Genetics, 1999, 21, 410-413.	21.4	849
11	Scratching the surface of skin development. Nature, 2007, 445, 834-842.	27.8	779
12	A skin microRNA promotes differentiation by repressing â€˜stemnessâ€™. Nature, 2008, 452, 225-229.	27.8	735
13	Klf4 is a transcription factor required for establishing the barrier function of the skin. Nature Genetics, 1999, 22, 356-360.	21.4	722
14	Getting under the skin of epidermal morphogenesis. Nature Reviews Genetics, 2002, 3, 199-209.	16.3	686
15	Epidermal Stem Cells of the Skin. Annual Review of Cell and Developmental Biology, 2006, 22, 339-373.	9.4	681
16	Sticky Business. Cell, 2003, 112, 535-548.	28.9	678
17	A Two-Step Mechanism for Stem Cell Activation during Hair Regeneration. Cell Stem Cell, 2009, 4, 155-169.	11.1	669
18	A Role for Skin Î³Î´ T Cells in Wound Repair. Science, 2002, 296, 747-749.	12.6	583

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19	Ezh2 Orchestrates Gene Expression for the Stepwise Differentiation of Tissue-Specific Stem Cells. Cell, 2009, 136, 1122-1135.	28.9	556
20	Links between signal transduction, transcription and adhesion in epithelial bud development. Nature, 2003, 422, 317-322.	27.8	537
21	Dynamics between Stem Cells, Niche, and Progeny in the Hair Follicle. Cell, 2011, 144, 92-105.	28.9	525
22	Morphogenesis in skin is governed by discrete sets of differentially expressed microRNAs. Nature Genetics, 2006, 38, 356-362.	21.4	518
23	Epithelial Stem Cells: Turning over New Leaves. Cell, 2007, 128, 445-458.	28.9	511
24	Hair Follicle Stem Cells Are Specified and Function in Early Skin Morphogenesis. Cell Stem Cell, 2008, 3, 33-43.	11.1	510
25	Tcf3 and Lef1 regulate lineage differentiation of multipotent stem cells in skin. Genes and Development, 2001, 15, 1688-1705.	5.9	504
26	Emerging interactions between skin stem cells and their niches. Nature Medicine, 2014, 20, 847-856.	30.7	474
27	Plasticity of epithelial stem cells in tissue regeneration. Science, 2014, 344, 1242281.	12.6	464
28	Inflammatory memory sensitizes skin epithelial stem cells to tissue damage. Nature, 2017, 550, 475-480.	27.8	440
29	Mutant keratin expression in transgenic mice causes marked abnormalities resembling a human genetic skin disease. Cell, 1991, 64, 365-380.	28.9	425
30	Hyperproliferation and Defects in Epithelial Polarity upon Conditional Ablation of Î±-Catenin in Skin. Cell, 2001, 104, 605-617.	28.9	414
31	Molecular Dissection of Mesenchymalâ€“Epithelial Interactions in the Hair Follicle. PLoS Biology, 2005, 3, e331.	5.6	405
32	TGF-Î² Promotes Heterogeneity and Drug Resistance in Squamous Cell Carcinoma. Cell, 2015, 160, 963-976.	28.9	401
33	Blimp1 Defines a Progenitor Population that Governs Cellular Input to the Sebaceous Gland. Cell, 2006, 126, 597-609.	28.9	396
34	Skin stem cells: rising to the surface. Journal of Cell Biology, 2008, 180, 273-284.	5.2	385
35	NFATc1 Balances Quiescence and Proliferation of Skin Stem Cells. Cell, 2008, 132, 299-310.	28.9	383
36	Keratins and the Skin. Annual Review of Cell and Developmental Biology, 1995, 11, 123-154.	9.4	378

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37	Canonical notch signaling functions as a commitment switch in the epidermal lineage. Genes and Development, 2006, 20, 3022-3035.	5.9	368
38	Asymmetric cell divisions promote Notch-dependent epidermal differentiation. Nature, 2011, 470, 353-358.	27.8	366
39	BMP signaling in dermal papilla cells is required for their hair follicle-inductive properties. Genes and Development, 2008, 22, 543-557.	5.9	365
40	Conditional Ablation of Î²1 Integrin in Skin. Journal of Cell Biology, 2000, 150, 1149-1160.	5.2	363
41	The Tortoise and the Hair: Slow-Cycling Cells in the Stem Cell Race. Cell, 2009, 137, 811-819.	28.9	351
42	Pioneer factors govern super-enhancer dynamics in stem cell plasticity and lineage choice. Nature, 2015, 521, 366-370.	27.8	350
43	Defining the impact of Â-catenin/Tcf transactivation on epithelial stem cells. Genes and Development, 2005, 19, 1596-1611.	5.9	348
44	Yes-associated protein (YAP) transcriptional coactivator functions in balancing growth and differentiation in skin. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2270-2275.	7.1	347
45	The cDNA sequence of a type II cytoskeletal keratin reveals constant and variable structural domains among keratins. Cell, 1983, 33, 915-924.	28.9	341
46	DNA Methylation Dynamics during InÂVivo Differentiation of Blood and Skin Stem Cells. Molecular Cell, 2012, 47, 633-647.	9.7	338
47	The genetic basis of epidermolytic hyperkeratosis: A disorder of differentiation-specific epidermal keratin genes. Cell, 1992, 70, 811-819.	28.9	335
48	EZH1 and EZH2 cogovern histone H3K27 trimethylation and are essential for hair follicle homeostasis and wound repair. Genes and Development, 2011, 25, 485-498.	5.9	332
49	Actin Cable Dynamics and Rho/Rock Orchestrate a Polarized Cytoskeletal Architecture in the Early Steps of Assembling a Stratified Epithelium. Developmental Cell, 2002, 3, 367-381.	7.0	321
50	The cDNA sequence of a human epidermal keratin: Divergence of sequence but conservation of structure among intermediate filament proteins. Cell, 1982, 31, 243-252.	28.9	318
51	Paracrine TGF-Î² Signaling Counterbalances BMP-Mediated Repression in Hair Follicle Stem Cell Activation. Cell Stem Cell, 2012, 10, 63-75.	11.1	316
52	Skin and Its Regenerative Powers: An Alliance between Stem Cells and Their Niche. Developmental Cell, 2017, 43, 387-401.	7.0	314
53	Lhx2 Maintains Stem Cell Character in Hair Follicles. Science, 2006, 312, 1946-1949.	12.6	308
54	Transit-Amplifying Cells Orchestrate Stem Cell Activity and Tissue Regeneration. Cell, 2014, 157, 935-949.	28.9	306

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55	Stem cells in the skin: waste not, Wnt not. Genes and Development, 2003, 17, 1189-1200.	5.9	297
56	GATA-3: an unexpected regulator of cell lineage determination in skin. Genes and Development, 2003, 17, 2108-2122.	5.9	297
57	Planar polarization in embryonic epidermis orchestrates global asymmetric morphogenesis of hair follicles. Nature Cell Biology, 2008, 10, 1257-1268.	10.3	291
58	The expression of keratin genes in epidermis and cultured epidermal cells. Cell, 1978, 15, 887-897.	28.9	284
59	Translation from unconventional 5â€² start sites drives tumour initiation. Nature, 2017, 541, 494-499.	27.8	282
60	ACF7. Cell, 2003, 115, 343-354.	28.9	281
61	Desmoplakin is essential in epidermal sheet formation. Nature Cell Biology, 2001, 3, 1076-1085.	10.3	276
62	Loss of a quiescent niche but not follicle stem cells in the absence of bone morphogenetic protein signaling. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10063-10068.	7.1	276
63	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. Nature Immunology, 2021, 22, 2-6.	14.5	274
64	A Role for the Primary Cilium in Notch Signaling and Epidermal Differentiation during Skin Development. Cell, 2011, 145, 1129-1141.	28.9	268
65	A family business: stem cell progeny join the niche to regulate homeostasis. Nature Reviews Molecular Cell Biology, 2012, 13, 103-114.	37.0	266
66	Identification of Stem Cell Populations in Sweat Glands and Ducts Reveals Roles in Homeostasis and Wound Repair. Cell, 2012, 150, 136-150.	28.9	265
67	Tcf3 Governs Stem Cell Features and Represses Cell Fate Determination in Skin. Cell, 2006, 127, 171-183.	28.9	262
68	Catenins: Keeping Cells from Getting Their Signals Crossed. Developmental Cell, 2006, 11, 601-612.	7.0	257
69	TERT promoter mutations and telomerase reactivation in urothelial cancer. Science, 2015, 347, 1006-1010.	12.6	255
70	Stem Cell Lineage Infidelity Drives Wound Repair and Cancer. Cell, 2017, 169, 636-650.e14.	28.9	255
71	p120-Catenin Mediates Inflammatory Responses in the Skin. Cell, 2006, 124, 631-644.	28.9	254
72	At the Roots of a Never-Ending Cycle. Developmental Cell, 2001, 1, 13-25.	7.0	253

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73	ACF7 Regulates Cytoskeletal-Focal Adhesion Dynamics and Migration and Has ATPase Activity. Cell, 2008, 135, 137-148.	28.9	253
74	Tumor-initiating stem cells of squamous cell carcinomas and their control by TGF-Î² and integrin/focal adhesion kinase (FAK) signaling. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10544-10549.	7.1	246
75	Loss of TGFÎ² Signaling Destabilizes Homeostasis and Promotes Squamous Cell Carcinomas in Stratified Epithelia. Cancer Cell, 2007, 12, 313-327.	16.8	244
76	Defining BMP functions in the hair follicle by conditional ablation of BMP receptor IA. Journal of Cell Biology, 2003, 163, 609-623.	5.2	234
77	Direct in Vivo RNAi Screen Unveils Myosin IIa as a Tumor Suppressor of Squamous Cell Carcinomas. Science, 2014, 343, 309-313.	12.6	234
78	DGCR8-dependent microRNA biogenesis is essential for skin development. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 498-502.	7.1	217
79	Wnt some lose some: transcriptional governance of stem cells by Wnt/Î²-catenin signaling. Genes and Development, 2014, 28, 1517-1532.	5.9	215
80	Focal adhesion kinase modulates tension signaling to control actin and focal adhesion dynamics. Journal of Cell Biology, 2007, 176, 667-680.	5.2	209
81	Epithelial-Mesenchymal Micro-niches Govern Stem Cell Lineage Choices. Cell, 2017, 169, 483-496.e13.	28.9	209
82	Adaptive Immune Resistance Emerges from Tumor-Initiating Stem Cells. Cell, 2019, 177, 1172-1186.e14.	28.9	199
83	More than one way to skin . . .. Genes and Development, 2008, 22, 976-985.	5.9	192
84	Rapid functional dissection of genetic networks via tissue-specific transduction and RNAi in mouse embryos. Nature Medicine, 2010, 16, 821-827.	30.7	190
85	Genome-wide Maps of Histone Modifications Unwind InÂVivo Chromatin States of the Hair Follicle Lineage. Cell Stem Cell, 2011, 9, 219-232.	11.1	187
86	Impaired Epidermal to Dendritic T Cell Signaling Slows Wound Repair in Aged Skin. Cell, 2016, 167, 1323-1338.e14.	28.9	187
87	Tcf3 and Tcf4 are essential for long-term homeostasis of skin epithelia. Nature Genetics, 2009, 41, 1068-1075.	21.4	184
88	Specific MicroRNAs Are Preferentially Expressed by Skin Stem Cells To Balance Self-Renewal and Early Lineage Commitment. Cell Stem Cell, 2011, 8, 294-308.	11.1	184
89	Remarkable conservation of structure among intermediate filament genes. Cell, 1984, 39, 491-498.	28.9	180
90	InÂvivo transcriptional governance of hair follicle stem cells by canonical Wnt regulators. Nature Cell Biology, 2014, 16, 179-190.	10.3	180

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91	Skin Stem Cells Orchestrate Directional Migration by Regulating Microtubule-ACF7 Connections through GSK3Î². Cell, 2011, 144, 341-352.	28.9	179
92	Epidermolysis bullosa simplex: a paradigm for disorders of tissue fragility. Journal of Clinical Investigation, 2009, 119, 1784-1793.	8.2	174
93	Inhibition of skin development by targeted expression of a dominant-negative retinoic acid receptor. Nature, 1995, 374, 159-162.	27.8	173
94	Desmoplakin: an unexpected regulator of microtubule organization in the epidermis. Journal of Cell Biology, 2007, 176, 147-154.	5.2	173
95	Conditional targeting of E-cadherin in skin: Insights into hyperproliferative and degenerative responses. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 552-557.	7.1	171
96	SOX9: a stem cell transcriptional regulator of secreted niche signaling factors. Genes and Development, 2014, 28, 328-341.	5.9	171
97	Two to Tango: Dialog between Immunity and Stem Cells in Health and Disease. Cell, 2018, 175, 908-920.	28.9	170
98	THE CYTOSKELETON AND DISEASE: Genetic Disorders of Intermediate Filaments. Annual Review of Genetics, 1996, 30, 197-231.	7.6	169
99	Isolation and Culture of Epithelial Stem Cells. Methods in Molecular Biology, 2009, 482, 215-232.	0.9	169
100	WNT Signaling in Cancer Immunosurveillance. Trends in Cell Biology, 2019, 29, 44-65.	7.9	168
101	The Harmonies Played by TGF-Î² in Stem Cell Biology. Cell Stem Cell, 2012, 11, 751-764.	11.1	165
102	Hedgehog signaling regulates the generation of ameloblast progenitors in the continuously growing mouse incisor. Development (Cambridge), 2010, 137, 3753-3761.	2.5	155
103	What does the concept of the stem cell niche really mean today?. BMC Biology, 2012, 10, 19.	3.8	155
104	Developmental roles for Srf, cortical cytoskeleton and cell shape in epidermal spindle orientation. Nature Cell Biology, 2011, 13, 203-214.	10.3	153
105	A matter of life and death: selfâ€renewal in stem cells. EMBO Reports, 2013, 14, 39-48.	4.5	153
106	A Signaling Pathway Involving TGF-Î²2 and Snail in Hair Follicle Morphogenesis. PLoS Biology, 2004, 3, e11.	5.6	148
107	Finding One's Niche in the Skin. Cell Stem Cell, 2009, 4, 499-502.	11.1	147
108	RNAi screens in mice identify physiological regulators of oncogenic growth. Nature, 2013, 501, 185-190.	27.8	146

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109	Nfatc1 orchestrates aging in hair follicle stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4950-9.	7.1	146
110	BMP Signaling and Its pSMAD1/5 Target Genes Differentially Regulate Hair Follicle Stem Cell Lineages. Cell Stem Cell, 2014, 15, 619-633.	11.1	145
111	NFIB is a governor of epithelialâ€“melanocyte stem cell behaviour in a shared niche. Nature, 2013, 495, 98-102.	27.8	144
112	WNT-SHH Antagonism Specifies and Expands Stem Cells prior to Niche Formation. Cell, 2016, 164, 156-169.	28.9	142
113	Liquid-liquid phase separation drives skin barrier formation. Science, 2020, 367, .	12.6	141
114	Tissue Stem Cells: Architects of Their Niches. Cell Stem Cell, 2020, 27, 532-556.	11.1	137
115	Insights into the biological functions of Dock family guanine nucleotide exchange factors. Genes and Development, 2014, 28, 533-547.	5.9	129
116	Spatiotemporal antagonism in mesenchymal-epithelial signaling in sweat versus hair fate decision. Science, 2016, 354, .	12.6	129
117	Stretching the limits: from homeostasis to stem cell plasticity in wound healing and cancer. Nature Reviews Genetics, 2018, 19, 311-325.	16.3	129
118	Epidermal differentiation and keratin gene expression. Journal of Cell Science, 1993, 1993, 197-208.	2.0	124
119	Sweat Gland Progenitors in Development, Homeostasis, and Wound Repair. Cold Spring Harbor Perspectives in Medicine, 2014, 4, a015222-a015222.	6.2	124
120	Mitotic internalization of planar cell polarity proteins preserves tissue polarity. Nature Cell Biology, 2011, 13, 893-902.	10.3	123
121	Par3â€“mInsc and GÎ±i3 cooperate to promote oriented epidermal cell divisions through LGN. Nature Cell Biology, 2014, 16, 758-769.	10.3	123
122	Stem cellâ€“driven lymphatic remodeling coordinates tissue regeneration. Science, 2019, 366, 1218-1225.	12.6	122
123	FOXC1 maintains the hair follicle stem cell niche and governs stem cell quiescence to preserve long-term tissue-regenerating potential. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1506-15.	7.1	121
124	Epithelial Skin Biology. Current Topics in Developmental Biology, 2016, 116, 357-374.	2.2	121
125	Progressive Kidney Degeneration in Mice Lacking Tensin. Journal of Cell Biology, 1997, 136, 1349-1361.	5.2	117
126	Links between Î±-catenin, NF-Î°B, and squamous cell carcinoma in skin. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2322-2327.	7.1	117

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127	New insights into cadherin function in epidermal sheet formation and maintenance of tissue integrity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15405-15410.	7.1	114
128	Distinct modes of cell competition shape mammalian tissue morphogenesis. Nature, 2019, 569, 497-502.	27.8	112
129	The aging skin microenvironment dictates stem cell behavior. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5339-5350.	7.1	101
130	Coupling organelle inheritance with mitosis to balance growth and differentiation. Science, 2017, 355, .	12.6	100
131	Mechanics of a multilayer epithelium instruct tumour architecture and function. Nature, 2020, 585, 433-439.	27.8	99
132	Establishment, maintenance, and recall of inflammatory memory. Cell Stem Cell, 2021, 28, 1758-1774.e8.	11.1	98
133	Function of Wnt/Î²-catenin in counteracting Tcf3 repression through the Tcf3â€“Î²-catenin interaction. Development (Cambridge), 2012, 139, 2118-2129.	2.5	97
134	Oriented divisions, fate decisions. Current Opinion in Cell Biology, 2013, 25, 749-758.	5.4	97
135	An RNA interference screen uncovers a new molecule in stem cell self-renewal and long-term regeneration. Nature, 2012, 485, 104-108.	27.8	94
136	MicroRNAs and their roles in mammalian stem cells. Journal of Cell Science, 2011, 124, 1775-1783.	2.0	93
137	The human CIB1â€“EVER1â€“EVER2 complex governs keratinocyte-intrinsic immunity to Î²-papillomaviruses. Journal of Experimental Medicine, 2018, 215, 2289-2310.	8.5	92
138	p63: revving up epithelial stem-cell potential. Nature Cell Biology, 2007, 9, 731-733.	10.3	91
139	AP-2 factors act in concert with Notch to orchestrate terminal differentiation in skin epidermis. Journal of Cell Biology, 2008, 183, 37-48.	5.2	90
140	Translation of dipeptide repeat proteins from the C9ORF72 expanded repeat is associated with cellular stress. Neurobiology of Disease, 2018, 116, 155-165.	4.4	89
141	Tissue patterning and cellular mechanics. Journal of Cell Biology, 2015, 211, 219-231.	5.2	88
142	Temporal Layering of Signaling Effectors Drives Chromatin Remodeling during Hair Follicle Stem Cell Lineage Progression. Cell Stem Cell, 2018, 22, 398-413.e7.	11.1	85
143	Architectural Niche Organization by LHX2 Is Linked to Hair Follicle Stem Cell Function. Cell Stem Cell, 2013, 13, 314-327.	11.1	84
144	Extracellular serine controls epidermal stem cell fate and tumour initiation. Nature Cell Biology, 2020, 22, 779-790.	10.3	83

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145	Sept4/ ARTS Regulates Stem Cell Apoptosis and Skin Regeneration. Science, 2013, 341, 286-289.	12.6	81
146	Forces Generated by Cell Intercalation Tow Epidermal Sheets in Mammalian Tissue Morphogenesis. Developmental Cell, 2014, 28, 617-632.	7.0	81
147	A novel two-step genome editing strategy with CRISPR-Cas9 provides new insights into telomerase action and TERT gene expression. Genome Biology, 2015, 16, 231.	8.8	81
148	Ferreting out stem cells from their niches. Nature Cell Biology, 2011, 13, 513-518.	10.3	80
149	Cyfip1 Is a Putative Invasion Suppressor in Epithelial Cancers. Cell, 2009, 137, 1047-1061.	28.9	77
150	Epithelial cells: liaisons of immunity. Current Opinion in Immunology, 2020, 62, 45-53.	5.5	72
151	ETS family transcriptional regulators drive chromatin dynamics and malignancy in squamous cell carcinomas. ELife, 2015, 4, e10870.	6.0	71
152	Chronic centrosome amplification without tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6321-30.	7.1	70
153	A Role for Î±Î²1 Integrins in Focal Adhesion Function and Polarized Cytoskeletal Dynamics. Developmental Cell, 2003, 5, 415-427.	7.0	68
154	Spindle orientation and epidermal morphogenesis. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130016.	4.0	62
155	Wdr1-mediated cell shape dynamics and cortical tension are essential for epidermal planar cellÂpolarity. Nature Cell Biology, 2015, 17, 592-604.	10.3	61
156	Stem cells: Aging and transcriptional fingerprints. Journal of Cell Biology, 2018, 217, 79-92.	5.2	61
157	Stem cells expand potency and alter tissue fitness by accumulating diverse epigenetic memories. Science, 2021, 374, eabh2444.	12.6	56
158	Governing epidermal homeostasis by coupling cellâ€"cell adhesion to integrin and growth factor signaling, proliferation, and apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4886-4891.	7.1	55
159	Inflammatory memory and tissue adaptation in sickness and in health. Nature, 2022, 607, 249-255.	27.8	55
160	Strand-specific in vivo screen of cancer-associated miRNAs unveils a role for miR-21âˆ— in SCC progression. Nature Cell Biology, 2016, 18, 111-121.	10.3	53
161	Lymphatics act as a signaling hub to regulate intestinal stem cell activity. Cell Stem Cell, 2022, 29, 1067-1082.e18.	11.1	53
162	miR-125b can enhance skin tumor initiation and promote malignant progression by repressing differentiation and prolonging cell survival. Genes and Development, 2014, 28, 2532-2546.	5.9	52

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163	NFI transcription factors provide chromatin access to maintain stem cell identity while preventing unintended lineage fate choices. Nature Cell Biology, 2020, 22, 640-650.	10.3	52
164	The Yin and Yang of Chromatin Dynamics In Stem Cell Fate Selection. Trends in Genetics, 2016, 32, 89-100.	6.7	50
165	Sgk3 links growth factor signaling to maintenance of progenitor cells in the hair follicle. Journal of Cell Biology, 2005, 170, 559-570.	5.2	48
166	Epidermal development, growth control, and homeostasis in the face of centrosome amplification. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6311-20.	7.1	46
167	Adult stem cells and regenerative medicineâ€"a symposium report. Annals of the New York Academy of Sciences, 2020, 1462, 27-36.	3.8	43
168	Inflammatory adaptation in barrier tissues. Cell, 2021, 184, 3361-3375.	28.9	42
169	Comparison of REST Cistromes across Human Cell Types Reveals Common and Context-Specific Functions. PLoS Computational Biology, 2014, 10, e1003671.	3.2	40
170	Stem cells repurpose proliferation to contain a breach in their niche barrier. ELife, 2018, 7, .	6.0	38
171	Mice in the world of stem cell biology. Nature Genetics, 2005, 37, 1201-1206.	21.4	36
172	BMP signaling: at the gate between activated melanocyte stem cells and differentiation. Genes and Development, 2020, 34, 1713-1734.	5.9	35
173	Building and Maintaining the Skin. Cold Spring Harbor Perspectives in Biology, 2022, 14, a040840.	5.5	30
174	RNAi-Mediated Gene Function Analysis in Skin. Methods in Molecular Biology, 2013, 961, 351-361.	0.9	27
175	Skin Stem Cells in Silence, Action, and Cancer. Stem Cell Reports, 2018, 10, 1432-1438.	4.8	25
176	m6A RNA methylation impacts fate choices during skin morphogenesis. ELife, 2020, 9, .	6.0	25
177	The cellular basis of mechanosensory Merkel-cell innervation during development. ELife, 2019, 8, .	6.0	24
178	The Nature and Significance of Differential Keratin Gene Expression. Annals of the New York Academy of Sciences, 1985, 455, 436-450.	3.8	23
179	A Presenilin-2â€"ARF4 trafficking axis modulates Notch signaling during epidermal differentiation. Journal of Cell Biology, 2016, 214, 89-101.	5.2	23
180	Myelin formation by Schwann cells in the absence of ?4 integrin. , 1999, 27, 269-274.		21

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181	A decade of molecular cell biology: achievements and challenges. Nature Reviews Molecular Cell Biology, 2011, 12, 669-674.	37.0	20
182	Progenitors oppositely polarize WNT activators and inhibitors to orchestrate tissue development. ELife, 2020, 9, .	6.0	19
183	Keratin genes, epidermal differentiation and animal models for the study of human skin diseases. Biochemical Society Transactions, 1991, 19, 1112-1115.	3.4	18
184	An eye to treating blindness. Nature, 2010, 466, 567-568.	27.8	18
185	Dietary interventions as regulators of stem cell behavior in homeostasis and disease. Genes and Development, 2021, 35, 199-211.	5.9	18
186	Environmental control of lineage plasticity and stem cell memory. Current Opinion in Cell Biology, 2021, 69, 88-95.	5.4	17
187	A miR Image of Stem Cells and Their Lineages. Current Topics in Developmental Biology, 2012, 99, 175-199.	2.2	16
188	Structure of the ACF7 EF-Hand-GAR Module and Delineation of Microtubule Binding Determinants. Structure, 2017, 25, 1130-1138.e6.	3.3	15
189	The Impact of Cell Culture on Stem Cell Research. Cell Stem Cell, 2012, 10, 640-641.	11.1	12
190	Cell biology: More than skin deep. Journal of Cell Biology, 2015, 209, 629-632.	5.2	11
191	An RNAi screen unravels the complexities of Rho GTPase networks in skin morphogenesis. ELife, 2019, 8, .	6.0	9
192	Desmoplakin Maintains Transcellular Keratin Scaffolding and Protects From Intestinal Injury. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1181-1200.	4.5	7
193	High Throughput strategies Aimed at Closing the GAP in Our Knowledge of Rho GTPase Signaling. Cells, 2020, 9, 1430.	4.1	6
194	LIM Homeobox Domain 2 Is Required for Corneal Epithelial Homeostasis. Stem Cells, 2016, 34, 493-503.	3.2	5
195	CÃ©dric Blanpain: ISSCR's Outstanding Young Investigator for 2012. Cell Stem Cell, 2012, 10, 751-752.	11.1	4
196	Skin Cancers and the Contribution of Rho GTPase Signaling Networks to Their Progression. Cancers, 2021, 13, 4362.	3.7	4
197	The integrated stress response remodels the microtubule-organizing center to clear unfolded proteins following proteotoxic stress. ELife, 0, 11, .	6.0	4
198	Highly efficient manipulation of nervous system gene expression with NEPTUNE. Cell Reports Methods, 2021, 1, 100043.	2.9	3

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199	Susan Lee Lindquist (1949â€“2016). Molecular Cell, 2016, 64, 851-853.	9.7	2
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