

Fiona M Watt

List of Publications by Year in Descending Order

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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.

335
papers

33,563
citations

102
h-index

175
g-index

384
ext. papers

38,372
ext. citations

11.4
avg, IF

7.56
L-index

#	Paper	IF	Citations
335	An HNF1 β truncation associated with maturity-onset diabetes of the young impairs pancreatic progenitor differentiation by antagonizing HNF1 β function.. <i>Cell Reports</i> , 2022 , 38, 110425	10.6	0
334	Mammalian Epidermis: A Compendium of Lipid Functionality.. <i>Frontiers in Physiology</i> , 2021 , 12, 804824	4.6	1
333	Plating human iPSC lines on micropatterned substrates reveals role for ITGB1 nsSNV in endoderm formation. <i>Stem Cell Reports</i> , 2021 , 16, 2628-2641	8	0
332	How COVID-19 has changed medical research funding.. <i>Interface Focus</i> , 2021 , 11, 20210025	3.9	2
331	Fibrotic enzymes modulate wound-induced skin tumorigenesis. <i>EMBO Reports</i> , 2021 , 22, e51573	6.5	2
330	Differential Expression of Insulin-Like Growth Factor 1 and Wnt Family Member 4 Correlates With Functional Heterogeneity of Human Dermal Fibroblasts. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 628039	5.7	0
329	Distinct Fibroblast Lineages Give Rise to NG2+ Pericyte Populations in Mouse Skin Development and Repair. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 675080	5.7	5
328	Employing core regulatory circuits to define cell identity. <i>EMBO Journal</i> , 2021 , 40, e106785	13	6
327	Translational control of stem cell function. <i>Nature Reviews Molecular Cell Biology</i> , 2021 , 22, 671-690	48.7	11
326	Applications and future directions for optical coherence tomography in dermatology. <i>British Journal of Dermatology</i> , 2021 , 184, 1014-1022	4	13
325	Clinically Relevant Vulnerabilities of Deep Machine Learning Systems for Skin Cancer Diagnosis. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 916-920	4.3	6
324	Developmental cell programs are co-opted in inflammatory skin disease. <i>Science</i> , 2021 , 371,	33.3	63
323	Mentorship in Science: Response to AlShebli et al., Nature Communications 2020. <i>Stem Cell Reports</i> , 2021 , 16, 1-2	8	2
322	Role of distinct fibroblast lineages and immune cells in dermal repair following UV radiation induced tissue damage.. <i>ELife</i> , 2021 , 10,	8.9	2
321	A framework for advancing our understanding of cancer-associated fibroblasts. <i>Nature Reviews Cancer</i> , 2020 , 20, 174-186	31.3	790
320	What is AI? Applications of artificial intelligence to dermatology. <i>British Journal of Dermatology</i> , 2020 , 183, 423-430	4	33
319	Population-scale proteome variation in human induced pluripotent stem cells. <i>ELife</i> , 2020 , 9,	8.9	16

318	Map clusters of diseases to tackle multimorbidity. <i>Nature</i> , 2020 , 579, 494-496	50.4	11
317	UK funders learn from COVID-19 white-water ride <i>Nature</i> , 2020 , 583, 683	50.4	2
316	Contribution of GATA6 to homeostasis of the human upper pilosebaceous unit and acne pathogenesis. <i>Nature Communications</i> , 2020 , 11, 5067	17.4	13
315	Regulation of ERK basal and pulsatile activity control proliferation and exit from the stem cell compartment in mammalian epidermis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 17796-17807	11.5	19
314	Genomic landscape and clonal architecture of mouse oral squamous cell carcinomas dictate tumour ecology. <i>Nature Communications</i> , 2020 , 11, 5671	17.4	13
313	A blueprint for translational regenerative medicine. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	7
312	Human epidermal stem cell differentiation is modulated by specific lipid subspecies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 22173-22182	11.5	7
311	Patterning of human epidermal stem cells on undulating elastomer substrates reflects differences in cell stiffness. <i>Acta Biomaterialia</i> , 2019 , 87, 256-264	10.8	25
310	Mechanisms, Hallmarks, and Implications of Stem Cell Quiescence. <i>Stem Cell Reports</i> , 2019 , 12, 1190-1200		62
309	Mutant Lef1 controls Gata6 in sebaceous gland development and cancer. <i>EMBO Journal</i> , 2019 , 38,	13	9
308	Genome-wide association study in frontal fibrosing alopecia identifies four susceptibility loci including HLA-B*07:02. <i>Nature Communications</i> , 2019 , 10, 1150	17.4	55
307	Delta-like 1-mediated cis-inhibition of Jagged1/2 signalling inhibits differentiation of human epidermal cells in culture. <i>Scientific Reports</i> , 2019 , 9, 10825	4.9	13
306	The role of keratins in modulating carcinogenesis via communication with cells of the immune system. <i>Cell Stress</i> , 2019 , 3, 136-138	5.5	5
305	NOTCH1 signaling in oral squamous cell carcinoma via a TEL2/SERPINE1 axis. <i>Oncotarget</i> , 2019 , 10, 6791-6804	5.8	5
304	Identifying Extrinsic versus Intrinsic Drivers of Variation in Cell Behavior in Human iPSC Lines from Healthy Donors. <i>Cell Reports</i> , 2019 , 26, 2078-2087.e3	10.6	16
303	High-throughput micropatterning platform reveals Nodal-dependent bisection of peri-gastrulation-associated versus preneurulation-associated fate patterning. <i>PLoS Biology</i> , 2019 , 17, e3000081	9.7	17
302	Heterogeneity within Stratified Epithelial Stem Cell Populations Maintains the Oral Mucosa in Response to Physiological Stress. <i>Cell Stem Cell</i> , 2019 , 25, 814-829.e6	18	17
301	Micro-scaled topographies direct differentiation of human epidermal stem cells. <i>Acta Biomaterialia</i> , 2019 , 84, 133-145	10.8	14

300	Dynamic Culture Substrates That Mimic the Topography of the Epidermal-Dermal Junction. <i>Tissue Engineering - Part A</i> , 2019 , 25, 214-223	3.9	5
299	Myosin 10 is involved in murine pigmentation. <i>Experimental Dermatology</i> , 2019 , 28, 391-394	4	3
298	Defining Adult Stem Cells by Function, not by Phenotype. <i>Annual Review of Biochemistry</i> , 2018 , 87, 1015-1027	10.7	102
297	An evolutionarily conserved ribosome-rescue pathway maintains epidermal homeostasis. <i>Nature</i> , 2018 , 556, 376-380	50.4	30
296	Spatial and Single-Cell Transcriptional Profiling Identifies Functionally Distinct Human Dermal Fibroblast Subpopulations. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 811-825	4.3	190
295	Epidermal Wnt signalling regulates transcriptome heterogeneity and proliferative fate in neighbouring cells. <i>Genome Biology</i> , 2018 , 19, 3	18.3	11
294	(More) women in science. <i>Nature Reviews Molecular Cell Biology</i> , 2018 , 19, 413-414	48.7	1
293	Loxl2 is dispensable for dermal development, homeostasis and tumour stroma formation. <i>PLoS ONE</i> , 2018 , 13, e0199679	3.7	7
292	Bench to bedside: Current advances in regenerative medicine. <i>Current Opinion in Cell Biology</i> , 2018 , 55, 59-66	9	9
291	Immunomodulatory role of Keratin 76 in oral and gastric cancer. <i>Nature Communications</i> , 2018 , 9, 3437	17.4	18
290	Homeostasis, regeneration and tumour formation in the mammalian epidermis. <i>International Journal of Developmental Biology</i> , 2018 , 62, 571-582	1.9	25
289	Hair follicle epidermal stem cells define a niche for tactile sensation. <i>ELife</i> , 2018 , 7,	8.9	25
288	Fibroblast heterogeneity: implications for human disease. <i>Journal of Clinical Investigation</i> , 2018 , 128, 26-35	15.9	167
287	The reward of great collaborations. <i>Nature Cell Biology</i> , 2018 , 20, 1011	23.4	
286	Lrig1 marks a population of gastric epithelial cells capable of long-term tissue maintenance and growth in vitro. <i>Scientific Reports</i> , 2018 , 8, 15255	4.9	13
285	Fibroblast state switching orchestrates dermal maturation and wound healing. <i>Molecular Systems Biology</i> , 2018 , 14, e8174	12.2	62
284	Skin Cell Heterogeneity in Development, Wound Healing, and Cancer. <i>Trends in Cell Biology</i> , 2018 , 28, 709-722	18.3	122
283	Diverse mechanisms for endogenous regeneration and repair in mammalian organs. <i>Nature</i> , 2018 , 557, 322-328	50.4	87

282	Wounding induces dedifferentiation of epidermal Gata6 cells and acquisition of stem cell properties. <i>Nature Cell Biology</i> , 2017 , 19, 603-613	23.4	87
281	Common genetic variation drives molecular heterogeneity in human iPSCs. <i>Nature</i> , 2017 , 546, 370-375	50.4	294
280	Repeal and Replace: Adipocyte Regeneration in Wound Repair. <i>Cell Stem Cell</i> , 2017 , 20, 424-426	18	16
279	A genome-wide screen identifies YAP/WBP2 interplay conferring growth advantage on human epidermal stem cells. <i>Nature Communications</i> , 2017 , 8, 14744	17.4	54
278	The Human Cell Atlas 2017 ,		41
277	Apoptosis in mesenchymal stromal cells induces in vivo recipient-mediated immunomodulation. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	319
276	Dermal Blimp1 Acts Downstream of Epidermal TGF β and Wnt/ β Catenin to Regulate Hair Follicle Formation and Growth. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 2270-2281	4.3	42
275	The adaptive immune response to cardiac injury-the true roadblock to effective regenerative therapies?. <i>Npj Regenerative Medicine</i> , 2017 , 2, 19	15.8	38
274	Reply to Chi et al. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 247-248	4.3	
273	A protein phosphatase network controls the temporal and spatial dynamics of differentiation commitment in human epidermis. <i>ELife</i> , 2017 , 6,	8.9	28
272	The Human Cell Atlas. <i>ELife</i> , 2017 , 6,	8.9	937
271	Type XVII collagen coordinates proliferation in the interfollicular epidermis. <i>ELife</i> , 2017 , 6,	8.9	52
270	Author response: The Human Cell Atlas 2017 ,		10
269	Galectin-6 is a novel skin anti-microbial peptide that is modulated by the skin barrier and microbiome. <i>Journal of Dermatological Science</i> , 2016 , 84, 97-99	4.3	1
268	Epidermal β catenin activation remodels the dermis via paracrine signalling to distinct fibroblast lineages. <i>Nature Communications</i> , 2016 , 7, 10537	17.4	70
267	Scalable topographies to support proliferation and Oct4 expression by human induced pluripotent stem cells. <i>Scientific Reports</i> , 2016 , 6, 18948	4.9	48
266	Inhibition of β catenin signalling in dermal fibroblasts enhances hair follicle regeneration during wound healing. <i>Development (Cambridge)</i> , 2016 , 143, 2522-35	6.6	78
265	Compartmentalized Epidermal Activation of β Catenin Differentially Affects Lineage Reprogramming and Underlies Tumor Heterogeneity. <i>Cell Reports</i> , 2016 , 14, 269-81	10.6	39

264	Mimicking the topography of the epidermal-dermal interface with elastomer substrates. <i>Integrative Biology (United Kingdom)</i> , 2016 , 8, 21-9	3.7	42
263	Macrophage Infiltration and Alternative Activation during Wound Healing Promote MEK1-Induced Skin Carcinogenesis. <i>Cancer Research</i> , 2016 , 76, 805-817	10.1	23
262	A high-content platform to characterise human induced pluripotent stem cell lines. <i>Methods</i> , 2016 , 96, 85-96	4.6	28
261	Increased Bacterial Load and Expression of Antimicrobial Peptides in Skin of Barrier-Deficient Mice with Reduced Cancer Susceptibility. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 99-106	4.3	23
260	A Novel Automated High-Content Analysis Workflow Capturing Cell Population Dynamics from Induced Pluripotent Stem Cell Live Imaging Data. <i>Journal of Biomolecular Screening</i> , 2016 , 21, 887-96		12
259	CIRM and UKRMP: Different Ways to Invest in Regenerative Medicine. <i>Cell Stem Cell</i> , 2016 , 19, 19-22	18	
258	ECatenin Stabilization in Skin Fibroblasts Causes Fibrotic Lesions by Preventing Adipocyte Differentiation of the Reticular Dermis. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 1130-1142	4.3	52
257	Pelota Regulates Epidermal Differentiation by Modulating BMP and PI3K/AKT Signaling Pathways. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 1664-1671	4.3	12
256	Engineered Microenvironments to Direct Epidermal Stem Cell Behavior at Single-Cell Resolution. <i>Developmental Cell</i> , 2016 , 38, 601-9	10.2	15
255	Integrative genomic and functional analysis of human oral squamous cell carcinoma cell lines reveals synergistic effects of FAT1 and CASP8 inactivation. <i>Cancer Letters</i> , 2016 , 383, 106-114	9.9	23
254	Alkaline ceramidase 1 is essential for mammalian skin homeostasis and regulating whole-body energy expenditure. <i>Journal of Pathology</i> , 2016 , 239, 374-83	9.4	27
253	Innate sensing of microbial products promotes wound-induced skin cancer. <i>Nature Communications</i> , 2015 , 6, 5932	17.4	80
252	Seven actionable strategies for advancing women in science, engineering, and medicine. <i>Cell Stem Cell</i> , 2015 , 16, 221-4	18	26
251	Stem cell heterogeneity and plasticity in epithelia. <i>Cell Stem Cell</i> , 2015 , 16, 465-76	18	105
250	The Androgen Receptor Antagonizes Wnt/ECatenin Signaling in Epidermal Stem Cells. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 2753-2763	4.3	36
249	Fate of Prominin-1 Expressing Dermal Papilla Cells during Homeostasis, Wound Healing and Wnt Activation. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 2926-2934	4.3	25
248	Understanding fibroblast heterogeneity in the skin. <i>Trends in Cell Biology</i> , 2015 , 25, 92-9	18.3	213
247	Epidermal Wnt/ECatenin signaling regulates adipocyte differentiation via secretion of adipogenic factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E1501-9	11.5	101

246	Mammalian skin cell biology: at the interface between laboratory and clinic. <i>Science</i> , 2014 , 346, 937-40	33.3	120
245	Markers of epidermal stem cell subpopulations in adult mammalian skin. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014 , 4,	5.4	73
244	Modulating the stem cell niche for tissue regeneration. <i>Nature Biotechnology</i> , 2014 , 32, 795-803	44.5	392
243	Identification of genes important for cutaneous function revealed by a large scale reverse genetic screen in the mouse. <i>PLoS Genetics</i> , 2014 , 10, e1004705	6	16
242	BLIMP1 is required for postnatal epidermal homeostasis but does not define a sebaceous gland progenitor under steady-state conditions. <i>Stem Cell Reports</i> , 2014 , 3, 620-33	8	39
241	Rewiring of an epithelial differentiation factor, miR-203, to inhibit human squamous cell carcinoma metastasis. <i>Cell Reports</i> , 2014 , 9, 104-117	10.6	44
240	Defining dermal adipose tissue. <i>Experimental Dermatology</i> , 2014 , 23, 629-31	4	154
239	Novel skin phenotypes revealed by a genome-wide mouse reverse genetic screen. <i>Nature Communications</i> , 2014 , 5, 3540	17.4	39
238	Epidermal barrier defects link atopic dermatitis with altered skin cancer susceptibility. <i>ELife</i> , 2014 , 3, e01888	8.9	40
237	Role of the extracellular matrix in regulating stem cell fate. <i>Nature Reviews Molecular Cell Biology</i> , 2013 , 14, 467-73	48.7	590
236	Decoupling geometrical and chemical cues directing epidermal stem cell fate on polymer brush-based cell micro-patterns. <i>Integrative Biology (United Kingdom)</i> , 2013 , 5, 899-910	3.7	38
235	What is the point of large-scale collections of human induced pluripotent stem cells?. <i>Nature Biotechnology</i> , 2013 , 31, 875-7	44.5	51
234	Distinct fibroblast lineages determine dermal architecture in skin development and repair. <i>Nature</i> , 2013 , 504, 277-281	50.4	656
233	Monodisperse collagen-gelatin beads as potential platforms for 3D cell culturing. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 5128-5136	7.3	64
232	Genome-wide generation and systematic phenotyping of knockout mice reveals new roles for many genes. <i>Cell</i> , 2013 , 154, 452-64	56.2	350
231	Sox2 modulates the function of two distinct cell lineages in mouse skin. <i>Developmental Biology</i> , 2013 , 382, 15-26	3.1	45
230	c-MYC-induced sebaceous gland differentiation is controlled by an androgen receptor/p53 axis. <i>Cell Reports</i> , 2013 , 3, 427-41	10.6	49
229	Leukaemia: Gimme shelter <i>Nature Reviews Cancer</i> , 2013 , 13, 297	31.3	5

228	Single-cell gene expression profiling reveals functional heterogeneity of undifferentiated human epidermal cells. <i>Development (Cambridge)</i> , 2013 , 140, 1433-44	6.6	69
227	LRIG1 regulates cadherin-dependent contact inhibition directing epithelial homeostasis and pre-invasive squamous cell carcinoma development. <i>Journal of Pathology</i> , 2013 , 229, 608-20	9.4	28
226	The interfollicular epidermis of adult mouse tail comprises two distinct cell lineages that are differentially regulated by Wnt, Edaradd, and Lrig1. <i>Stem Cell Reports</i> , 2013 , 1, 19-27	8	66
225	Spindle checkpoint deficiency is tolerated by murine epidermal cells but not hair follicle stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 2928-33	11.5	39
224	Fondation Renŕtouraine. <i>Experimental Dermatology</i> , 2013 , 22, 682-693	4	
223	Downregulation of keratin 76 expression during oral carcinogenesis of human, hamster and mouse. <i>PLoS ONE</i> , 2013 , 8, e70688	3.7	16
222	What does it take to recruit and retain senior women faculty?. <i>ELife</i> , 2013 , 2, e00615	8.9	1
221	The eLife approach to peer review. <i>ELife</i> , 2013 , 2, e00799	8.9	16
220	A year in the life of eLife. <i>ELife</i> , 2013 , 2, e01516	8.9	4
219	eLife and early career researchers. <i>ELife</i> , 2013 , 2, e01633	8.9	0
218	Mimicking normal tissue architecture and perturbation in cancer with engineered micro-epidermis. <i>Biomaterials</i> , 2012 , 33, 5221-9	15.6	36
217	Sin3a is essential for the genome integrity and viability of pluripotent cells. <i>Developmental Biology</i> , 2012 , 363, 62-73	3.1	40
216	Polyclonal origin and hair induction ability of dermal papillae in neonatal and adult mouse back skin. <i>Developmental Biology</i> , 2012 , 366, 290-7	3.1	21
215	Clonal growth of dermal papilla cells in hydrogels reveals intrinsic differences between Sox2-positive and -negative cells in vitro and in vivo. <i>Journal of Investigative Dermatology</i> , 2012 , 132, 1084-93	4.3	62
214	Lineage tracing. <i>Cell</i> , 2012 , 148, 33-45	56.2	463
213	Extracellular-matrix tethering regulates stem-cell fate. <i>Nature Materials</i> , 2012 , 11, 642-9	27	1156
212	Diverse epigenetic strategies interact to control epidermal differentiation. <i>Nature Cell Biology</i> , 2012 , 14, 753-63	23.4	112
211	Efficient differentiation of embryonic stem cells into mesodermal precursors by BMP, retinoic acid and Notch signalling. <i>PLoS ONE</i> , 2012 , 7, e36405	3.7	27

210	β-Catenin determines upper airway progenitor cell fate and preinvasive squamous lung cancer progression by modulating epithelial-mesenchymal transition. <i>Journal of Pathology</i> , 2012 , 226, 575-87	9.4	54
209	Epithelial stem cells, wound healing and cancer. <i>Nature Reviews Cancer</i> , 2012 , 12, 170-80	31.3	317
208	FRMD4A upregulation in human squamous cell carcinoma promotes tumor growth and metastasis and is associated with poor prognosis. <i>Cancer Research</i> , 2012 , 72, 3424-36	10.1	41
207	Epidermal Cadm1 expression promotes autoimmune alopecia via enhanced T cell adhesion and cytotoxicity. <i>Journal of Immunology</i> , 2012 , 188, 1514-22	5.3	13
206	Lrig1 controls intestinal stem-cell homeostasis by negative regulation of ErbB signalling. <i>Nature Cell Biology</i> , 2012 , 14, 401-8	23.4	307
205	Exons 5-15 of kazrin are dispensable for murine epidermal morphogenesis and homeostasis. <i>Journal of Investigative Dermatology</i> , 2012 , 132, 1977-87	4.3	2
204	Launching eLife, Part 1. <i>ELife</i> , 2012 , 1, e00270	8.9	7
203	Launching eLife, Part 2. <i>ELife</i> , 2012 , 1, e00365	8.9	3
202	The basement membrane of hair follicle stem cells is a muscle cell niche. <i>Cell</i> , 2011 , 144, 577-89	56.2	217
201	Rac1 deletion causes thymic atrophy. <i>PLoS ONE</i> , 2011 , 6, e19292	3.7	8
200	Shape-induced terminal differentiation of human epidermal stem cells requires p38 and is regulated by histone acetylation. <i>PLoS ONE</i> , 2011 , 6, e27259	3.7	44
199	Cell-extracellular matrix interactions in normal and diseased skin. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011 , 3,	10.2	213
198	Hair follicle dermal papilla cells at a glance. <i>Journal of Cell Science</i> , 2011 , 124, 1179-82	5.3	272
197	Reprogramming adult dermis to a neonatal state through epidermal activation of β-catenin. <i>Development (Cambridge)</i> , 2011 , 138, 5189-99	6.6	108
196	The RNA-methyltransferase Misu (NSun2) poises epidermal stem cells to differentiate. <i>PLoS Genetics</i> , 2011 , 7, e1002403	6	140
195	Human skin aging is associated with reduced expression of the stem cell markers beta1 integrin and MCSP. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 604-8	4.3	75
194	Actin and serum response factor transduce physical cues from the microenvironment to regulate epidermal stem cell fate decisions. <i>Nature Cell Biology</i> , 2010 , 12, 711-8	23.4	351
193	Assaying proliferation and differentiation capacity of stem cells using disaggregated adult mouse epidermis. <i>Nature Protocols</i> , 2010 , 5, 898-911	18.8	136

192	Xenopus Kazrin interacts with ARVCF-catenin, spectrin and p190B RhoGAP, and modulates RhoA activity and epithelial integrity. <i>Journal of Cell Science</i> , 2010 , 123, 4128-44	5.3	16
191	Adult epidermal Notch activity induces dermal accumulation of T cells and neural crest derivatives through upregulation of jagged 1. <i>Development (Cambridge)</i> , 2010 , 137, 3569-79	6.6	32
190	Tumor formation initiated by nondividing epidermal cells via an inflammatory infiltrate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 19903-8	11.5	61
189	Cell biology of tissues and tumors. <i>Molecular Biology of the Cell</i> , 2010 , 21, 3824	3.5	
188	2009 winner: Ravi Desai. <i>Journal of Cell Science</i> , 2010 , 123, 815	5.3	
187	The therapeutic potential of stem cells. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010 , 365, 155-63	5.8	108
186	Genomic gain of 5p15 leads to over-expression of Misu (NSUN2) in breast cancer. <i>Cancer Letters</i> , 2010 , 289, 71-80	9.9	59
185	Differential sensitivity of epidermal cell subpopulations to beta-catenin-induced ectopic hair follicle formation. <i>Developmental Biology</i> , 2010 , 343, 40-50	3.1	39
184	Dose and context dependent effects of Myc on epidermal stem cell proliferation and differentiation. <i>EMBO Molecular Medicine</i> , 2010 , 2, 16-25	12	28
183	Exploiting the superior protein resistance of polymer brushes to control single cell adhesion and polarisation at the micron scale. <i>Biomaterials</i> , 2010 , 31, 5030-41	15.6	85
182	Sox2-positive dermal papilla cells specify hair follicle type in mammalian epidermis. <i>Development (Cambridge)</i> , 2009 , 136, 2815-23	6.6	239
181	Necl2 regulates epidermal adhesion and wound repair. <i>Development (Cambridge)</i> , 2009 , 136, 3505-14	6.6	29
180	KazrinE is a desmosome-associated liprin that colocalises with acetylated microtubules. <i>Journal of Cell Science</i> , 2009 , 122, 4035-41	5.3	26
179	An activating beta1 integrin mutation increases the conversion of benign to malignant skin tumors. <i>Cancer Research</i> , 2009 , 69, 1334-42	10.1	31
178	Stem cells are dispensable for lung homeostasis but restore airways after injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 9286-91	11.5	190
177	Balancing work and life: a conversation with Fiona Watt. Interview by Majlinda Lako and Susan Daher. <i>Stem Cells</i> , 2009 , 27, 762-3	5.8	
176	PI3-kinase-dependent activation of apoptotic machinery occurs on commitment of epidermal keratinocytes to terminal differentiation. <i>Cell Research</i> , 2009 , 19, 328-39	24.7	24
175	Lrig1 expression defines a distinct multipotent stem cell population in mammalian epidermis. <i>Cell Stem Cell</i> , 2009 , 4, 427-39	18	392

174	Epidermal stem cell diversity and quiescence. <i>EMBO Molecular Medicine</i> , 2009 , 1, 260-7	12	152
173	Autophagy mediates the mitotic senescence transition. <i>Genes and Development</i> , 2009 , 23, 798-803	12.6	740
172	The vitamin D receptor is required for mouse hair cycle progression but not for maintenance of the epidermal stem cell compartment. <i>Journal of Investigative Dermatology</i> , 2008 , 128, 2113-7	4.3	21
171	Nanog maintains pluripotency of mouse embryonic stem cells by inhibiting NFkappaB and cooperating with Stat3. <i>Nature Cell Biology</i> , 2008 , 10, 194-201	23.4	114
170	MYC in mammalian epidermis: how can an oncogene stimulate differentiation?. <i>Nature Reviews Cancer</i> , 2008 , 8, 234-42	31.3	122
169	Role of the Notch ligand Delta1 in embryonic and adult mouse epidermis. <i>Journal of Investigative Dermatology</i> , 2008 , 128, 825-32	4.3	53
168	Epidermal stem cells are retained in vivo throughout skin aging. <i>Aging Cell</i> , 2008 , 7, 250-9	9.9	138
167	Epidermal Notch signalling: differentiation, cancer and adhesion. <i>Current Opinion in Cell Biology</i> , 2008 , 20, 171-9	9	216
166	Dynamic regulation of retinoic acid-binding proteins in developing, adult and neoplastic skin reveals roles for beta-catenin and Notch signalling. <i>Developmental Biology</i> , 2008 , 324, 55-67	3.1	66
165	A stem cell gene expression profile of human squamous cell carcinomas. <i>Cancer Letters</i> , 2008 , 272, 23-31	9.9	42
164	Kazrin regulates keratinocyte cytoskeletal networks, intercellular junctions and differentiation. <i>Journal of Cell Science</i> , 2008 , 121, 3561-9	5.3	29
163	The vitamin D receptor is a Wnt effector that controls hair follicle differentiation and specifies tumor type in adult epidermis. <i>PLoS ONE</i> , 2008 , 3, e1483	3.7	110
162	KazrinA is required for axial elongation and epidermal integrity in <i>Xenopus tropicalis</i> . <i>Developmental Dynamics</i> , 2008 , 237, 1718-25	2.9	9
161	Characterization of bipotential epidermal progenitors derived from human sebaceous gland: contrasting roles of c-Myc and beta-catenin. <i>Stem Cells</i> , 2008 , 26, 1241-52	5.8	106
160	Role of beta-catenin in epidermal stem cell expansion, lineage selection, and cancer. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2008 , 73, 503-12	3.9	51
159	Epidermal stem cells are defined by global histone modifications that are altered by Myc-induced differentiation. <i>PLoS ONE</i> , 2007 , 2, e763	3.7	80
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7	Epidermal Wnt signalling regulates transcriptome heterogeneity and proliferative fate in neighbouring cells		1
6	ERK basal and pulsatile activity are differentially regulated in mammalian epidermis to control proliferation and exit from the stem cell compartment		1
5	CD147 (BSG) but not ACE2 expression is detectable in vascular endothelial cells within single cell RNA sequencing datasets derived from multiple tissues in healthy individuals		9
4	Poised cell circuits in human skin are activated in disease		2
3	Fibroblast state switching orchestrates dermal maturation and wound healing		1
2	Generative adversarial networks simulate gene expression and predict perturbations in single cells		27
1	High-throughput micro-patterning platform reveals Nodal-dependent dissection of peri-gastrulation-associated versus pre-neurulation associated fate patterning		1