

# Claire A Higgins

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7057465/claire-a-higgins-publications-by-citations.pdf>

**Version:** 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41  
papers

1,676  
citations

18  
h-index

40  
g-index

44  
ext. papers

2,122  
ext. citations

6  
avg, IF

4.7  
L-index

#	Paper	IF	Citations
41	Alopecia areata is driven by cytotoxic T lymphocytes and is reversed by JAK inhibition. <i>Nature Medicine</i> , <b>2014</b> , 20, 1043-9	50.5	486
40	Microenvironmental reprogramming by three-dimensional culture enables dermal papilla cells to induce de novo human hair-follicle growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 19679-88	11.5	213
39	Generation of 3D skin equivalents fully reconstituted from human induced pluripotent stem cells (iPSCs). <i>PLoS ONE</i> , <b>2013</b> , 8, e77673	3.7	137
38	Pharmacologic inhibition of JAK-STAT signaling promotes hair growth. <i>Science Advances</i> , <b>2015</b> , 1, e1500973	11.3	116
37	FGF5 is a crucial regulator of hair length in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 10648-53	11.5	95
36	Modelling the hair follicle dermal papilla using spheroid cell cultures. <i>Experimental Dermatology</i> , <b>2010</b> , 19, 546-8	4	80
35	Hydrogel-Coated Microneedle Arrays for Minimally Invasive Sampling and Sensing of Specific Circulating Nucleic Acids from Skin Interstitial Fluid. <i>ACS Nano</i> , <b>2019</b> , 13, 9620-9628	16.7	77
34	From telogen to exogen: mechanisms underlying formation and subsequent loss of the hair club fiber. <i>Journal of Investigative Dermatology</i> , <b>2009</b> , 129, 2100-8	4.3	68
33	Melanin Transfer in Human 3D Skin Equivalents Generated Exclusively from Induced Pluripotent Stem Cells. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136713	3.7	63
32	Generation and characterization of multipotent stem cells from established dermal cultures. <i>PLoS ONE</i> , <b>2012</b> , 7, e50742	3.7	36
31	Methods for the isolation and 3D culture of dermal papilla cells from human hair follicles. <i>Experimental Dermatology</i> , <b>2017</b> , 26, 491-496	4	31
30	Multifaceted role of hair follicle dermal cells in bioengineered skins. <i>British Journal of Dermatology</i> , <b>2017</b> , 176, 1259-1269	4	26
29	Building a microphysiological skin model from induced pluripotent stem cells. <i>Stem Cell Research and Therapy</i> , <b>2013</b> , 4 Suppl 1, S2	8.3	24
28	Reprogramming of human hair follicle dermal papilla cells into induced pluripotent stem cells. <i>Journal of Investigative Dermatology</i> , <b>2012</b> , 132, 1725-7	4.3	24
27	Mechanotransduction in osteogenesis. <i>Bone and Joint Research</i> , <b>2020</b> , 9, 1-14	4.2	23
26	Regenerative medicine and hair loss: how hair follicle culture has advanced our understanding of treatment options for androgenetic alopecia. <i>Regenerative Medicine</i> , <b>2014</b> , 9, 101-11	2.5	19
25	A bald statement - Current approaches to manipulate miniaturisation focus only on promoting hair growth. <i>Experimental Dermatology</i> , <b>2018</b> , 27, 959-965	4	19

24	Subpopulations of dermal skin fibroblasts secrete distinct extracellular matrix: implications for using skin substitutes in the clinic. <i>British Journal of Dermatology</i> , <b>2018</b> , 179, 381-393	4	18
23	Challenges and promises in modeling dermatologic disorders with bioengineered skin. <i>Experimental Biology and Medicine</i> , <b>2014</b> , 239, 1215-24	3.7	15
22	Immune cell regulation of the hair cycle. <i>Experimental Dermatology</i> , <b>2020</b> , 29, 322-333	4	15
21	Morphology and composition play distinct and complementary roles in the tolerance of plantar skin to mechanical load. <i>Science Advances</i> , <b>2019</b> , 5, eaay0244	14.3	14
20	The Hair Follicle: An Underutilized Source of Cells and Materials for Regenerative Medicine. <i>ACS Biomaterials Science and Engineering</i> , <b>2018</b> , 4, 1193-1207	5.5	13
19	Modulation in proteolytic activity is identified as a hallmark of exogen by transcriptional profiling of hair follicles. <i>Journal of Investigative Dermatology</i> , <b>2011</b> , 131, 2349-57	4.3	11
18	Exogen involves gradual release of the hair club fibre in the vibrissa follicle model. <i>Experimental Dermatology</i> , <b>2009</b> , 18, 793-5	4	9
17	Identification of distinct mutations in AAGAB in families with type 1 punctate palmoplantar keratoderma. <i>Journal of Investigative Dermatology</i> , <b>2014</b> , 134, 1749-1752	4.3	7
16	Demethylation of ITGAV accelerates osteogenic differentiation in a blast-induced heterotopic ossification in vitro cell culture model. <i>Bone</i> , <b>2018</b> , 117, 149-160	4.7	7
15	Evaluating Primary Blast Effects In Vitro. <i>Journal of Visualized Experiments</i> , <b>2017</b> ,	1.6	6
14	Lateral pressure equalisation as a principle for designing support surfaces to prevent deep tissue pressure ulcers. <i>PLoS ONE</i> , <b>2019</b> , 15, e0227064	3.7	6
13	Scaffold-based developmental tissue engineering strategies for ectodermal organ regeneration. <i>Materials Today Bio</i> , <b>2021</b> , 10, 100107	9.9	6
12	Skin biology <b>2019</b> , 3-25		3
11	Hair Follicle Dermal Cells Support Expansion of Murine and Human Embryonic and Induced Pluripotent Stem Cells and Promote Haematopoiesis in Mouse Cultures. <i>Stem Cells International</i> , <b>2018</b> , 2018, 8631432	5	3
10	Harnessing the Secretome of Hair Follicle Fibroblasts to Accelerate Ex Vivo Healing of Human Skin Wounds. <i>Journal of Investigative Dermatology</i> , <b>2020</b> , 140, 1075-1084.e11	4.3	2
9	Isolating Dermal Papilla Cells from Human Hair Follicles Using Microdissection and Enzyme Digestion. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2154, 91-103	1.4	1
8	Interrogating the integument: the role of the epidermis in hair induction. <i>Experimental Dermatology</i> , <b>2014</b> , 23, 714-5	4	
7	Changing faces: can a new identity stop balding?. <i>Experimental Dermatology</i> , <b>2016</b> , 25, 765-6	4	

- 6 Can plantar fibroblast implantation protect amputees from skin injury? A recipe for skin augmentation. *Experimental Dermatology*, **2021**, 30, 1829-1833 4
- 5 Lateral pressure equalisation as a principle for designing support surfaces to prevent deep tissue pressure ulcers **2020**, 15, e0227064
- 4 Lateral pressure equalisation as a principle for designing support surfaces to prevent deep tissue pressure ulcers **2020**, 15, e0227064
- 3 Lateral pressure equalisation as a principle for designing support surfaces to prevent deep tissue pressure ulcers **2020**, 15, e0227064
- 2 Lateral pressure equalisation as a principle for designing support surfaces to prevent deep tissue pressure ulcers **2020**, 15, e0227064
- 1 The Historical Studies Underpinning the Concept of Hair Follicle Neogenesis. *Pancreatic Islet Biology*, **2022**, 3-24 0.4