## Valerie Horsley

List of Publications by Year in descending order

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| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Epithelial Stem Cells: Turning over New Leaves. Cell, 2007, 128, 445-458.   | 28.9 | 511       |
| 2  | Adipocyte Lineage Cells Contribute to the Skin Stem Cell Niche to Drive Hair Cycling. Cell, 2011, 146, 761-771.   | 28.9 | 502       |
| 3  | IL-4 Acts as a Myoblast Recruitment Factor during Mammalian Muscle Growth. Cell, 2003, 113, 483-494.  | 28.9 | 446       |
| 4  | Blimp1 Defines a Progenitor Population that Governs Cellular Input to the Sebaceous Gland. Cell, 2006, 126, 597-609.  | 28.9 | 396       |
| 5  | NFATc1 Balances Quiescence and Proliferation of Skin Stem Cells. Cell, 2008, 132, 299-310.  | 28.9 | 383       |
| 6  | Fibroblasts: Origins, definitions, and functions in health and disease. Cell, 2021, 184, 3852-3872.   | 28.9 | 340       |
| 7  | Myofibroblast proliferation and heterogeneity are supported by macrophages during skin repair.<br>Science, 2018, 362, .   | 12.6 | 318       |
| 8  | Nfat. Journal of Cell Biology, 2002, 156, 771-774.  | 5.2  | 309       |
| 9  | Anatomical, Physiological, and Functional Diversity of Adipose Tissue. Cell Metabolism, 2018, 27, 68-83.  | 16.2 | 298       |
| 10 | FOXC2 controls formation and maturation of lymphatic collecting vessels through cooperation with NFATc1. Journal of Cell Biology, 2009, 185, 439-457.   | 5.2  | 295       |
| 11 | Intradermal adipocytes mediate fibroblast recruitment during skin wound healing. Development<br>(Cambridge), 2013, 140, 1517-1527.  | 2.5  | 255       |
| 12 | Regulation of the Growth of Multinucleated Muscle Cells by an Nfatc2-Dependent Pathway. Journal of Cell Biology, 2001, 153, 329-338.  | 5.2  | 230       |
| 13 | Calcineurin Activity Is Required for the Initiation of Skeletal Muscle Differentiation. Journal of Cell<br>Biology, 2000, 149, 657-666.   | 5.2  | 218       |
| 14 | Defining dermal adipose tissue. Experimental Dermatology, 2014, 23, 629-631.  | 2.9  | 218       |
| 15 | Cadherin-based intercellular adhesions organize epithelial cell–matrix traction forces. Proceedings<br>of the National Academy of Sciences of the United States of America, 2013, 110, 842-847. | 7.1  | 215       |
| 16 | Forming a Multinucleated Cell: Molecules That Regulate Myoblast Fusion. Cells Tissues Organs, 2004, 176, 67-78.   | 2.3  | 211       |
| 17 | More than one way to skin Genes and Development, 2008, 22, 976-985.   | 5.9  | 192       |
| 18 | Characterization of Cre recombinase models for the study of adipose tissue. Adipocyte, 2014, 3, 206-211.  | 2.8  | 178       |

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|----|--|------|-----------|
| 19 | Scaling of Traction Forces with the Size of Cohesive Cell Colonies. Physical Review Letters, 2012, 108, 198101.  | 7.8  | 158       |
| 20 | Dermal Adipocyte Lipolysis and Myofibroblast Conversion Are Required for Efficient Skin Repair. Cell<br>Stem Cell, 2020, 26, 880-895.e6.                                     | 11.1 | 154       |
| 21 | E-cadherin integrates mechanotransduction and EGFR signaling to control junctional tissue polarization and tight junction positioning. Nature Communications, 2017, 8, 1250. | 12.8 | 147       |
| 22 | Prostaglandin F2α stimulates growth of skeletal muscle cells via an NFATC2-dependent pathway.<br>Journal of Cell Biology, 2003, 161, 111-118.                                | 5.2  | 140       |
| 23 | IL-22 Promotes Fibroblast-Mediated Wound Repair in the Skin. Journal of Investigative Dermatology, 2013, 133, 1321-1329.   | 0.7  | 140       |
| 24 | Development and homeostasis of the sebaceous gland. Seminars in Cell and Developmental Biology, 2012, 23, 928-936.   | 5.0  | 115       |
| 25 | CD301b+ Macrophages Are Essential forÂEffective Skin Wound Healing. Journal of Investigative<br>Dermatology, 2016, 136, 1885-1891.   | 0.7  | 111       |
| 26 | Single cell transcriptomic landscape of diabetic foot ulcers. Nature Communications, 2022, 13, 181.  | 12.8 | 111       |
| 27 | Skin Adipocyte Stem Cell Self-Renewal Is Regulated by a PDGFA/AKT-Signaling Axis. Cell Stem Cell, 2016, 19, 738-751.   | 11.1 | 105       |
| 28 | Dermal white adipose tissue: a new component of the thermogenic response. Journal of Lipid Research, 2015, 56, 2061-2069.  | 4.2  | 104       |
| 29 | Ferreting out stem cells from their niches. Nature Cell Biology, 2011, 13, 513-518.  | 10.3 | 80        |
| 30 | Home sweet home: skin stem cell niches. Cellular and Molecular Life Sciences, 2012, 69, 2573-2582.   | 5.4  | 80        |
| 31 | Edges of human embryonic stem cell colonies display distinct mechanical properties and differentiation potential. Scientific Reports, 2015, 5, 14218.                        | 3.3  | 80        |
| 32 | Adipocyte hypertrophy and lipid dynamics underlie mammary gland remodeling after lactation. Nature<br>Communications, 2018, 9, 3592.   | 12.8 | 76        |
| 33 | Cell Fusion in Skeletal Muscle: Central Role of NFATC2 in Regulating Muscle Cell Size. Cell Cycle, 2003, 2, 419-422.   | 2.6  | 72        |
| 34 | Unravelling hair follicle–adipocyte communication. Experimental Dermatology, 2012, 21, 827-830.  | 2.9  | 68        |
| 35 | Nuclear–cytoskeletal linkages facilitate cross talk between the nucleus and intercellular adhesions.<br>Journal of Cell Biology, 2015, 209, 403-418.                         | 5.2  | 60        |
| 36 | Prdm1 Regulates Thymic Epithelial Function To Prevent Autoimmunity. Journal of Immunology, 2017, 199, 1250-1260.   | 0.8  | 53        |

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|----|---|------|-----------|
| 37 | The LINC complex transmits integrin-dependent tension to the nuclear lamina and represses epidermal differentiation. ELife, 2021, 10, .   | 6.0  | 45        |
| 38 | The Role of Adipocytes in Tissue Regeneration and Stem Cell Niches. Annual Review of Cell and Developmental Biology, 2016, 32, 609-631.   | 9.4  | 43        |
| 39 | Calcineurin/Nfatc1 signaling links skin stem cell quiescence to hormonal signaling during pregnancy and lactation. Genes and Development, 2014, 28, 983-994.  | 5.9  | 42        |
| 40 | Origin of fibrosing cells in systemic sclerosis. Current Opinion in Rheumatology, 2015, 27, 555-562.  | 4.3  | 38        |
| 41 | Epithelial Stem Cells in Adult Skin. Current Topics in Developmental Biology, 2014, 107, 109-131.   | 2.2  | 36        |
| 42 | Small-scale demixing in confluent biological tissues. Soft Matter, 2020, 16, 3325-3337.   | 2.7  | 34        |
| 43 | Pigment epitheliumâ€derived factor restoration increases bone mass and improves bone plasticity in a<br>model of osteogenesis imperfecta type VI <i>via</i> Wnt3a blockade. FASEB Journal, 2016, 30, 2837-2848.                       | 0.5  | 28        |
| 44 | Developing stratified epithelia: lessons from the epidermis and thymus. Wiley Interdisciplinary<br>Reviews: Developmental Biology, 2014, 3, 389-402.  | 5.9  | 26        |
| 45 | Repeal and Replace: Adipocyte Regeneration in Wound Repair. Cell Stem Cell, 2017, 20, 424-426.  | 11.1 | 23        |
| 46 | Pygo2 regulates β-catenin–induced activation of hair follicle stem/progenitor cells and skin<br>hyperplasia. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111,<br>10215-10220.              | 7.1  | 21        |
| 47 | Loss of endogenous Nfatc1 reduces the rate of DMBA/TPA-induced skin tumorigenesis. Molecular<br>Biology of the Cell, 2015, 26, 3606-3614.   | 2.1  | 17        |
| 48 | Transcriptional Profiling of Ectoderm Specification to Keratinocyte Fate in Human Embryonic Stem Cells. PLoS ONE, 2015, 10, e0122493.   | 2.5  | 13        |
| 49 | Skin Fibrosis and Recovery Is Dependent on Wnt Activation via DPP4. Journal of Investigative Dermatology, 2022, 142, 1597-1606.e9.  | 0.7  | 10        |
| 50 | Regulated in Development and DNA Damage Responses 1 Prevents Dermal Adipocyte Differentiation and<br>Is Required for Hair Cycle–Dependent Dermal Adipose Expansion. Journal of Investigative Dermatology,<br>2020, 140, 1698-1705.e1. | 0.7  | 7         |
| 51 | Epigenetics, Wnt signaling, and stem cells: the Pygo2 connection. Journal of Cell Biology, 2009, 185, 761-763.  | 5.2  | 6         |
| 52 | Research Techniques Made Simple: Scientific Communication using Twitter. Journal of Investigative Dermatology, 2021, 141, 1615-1621.e1.   | 0.7  | 6         |
| 53 | Upward bound: follicular stem cell fate decisions. EMBO Journal, 2011, 30, 2986-2987.   | 7.8  | 4         |
| 54 | Tregs Expand the Skin Stem Cell Niche. Developmental Cell, 2017, 41, 455-456.   | 7.0  | 4         |

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|----|--|------|-----------|
| 55 | Thin Skinned: Aged Adipocyte Atrophy Impacts Innate Immunity. Trends in Immunology, 2019, 40, 175-177.   | 6.8  | 4         |
| 56 | PDGFA regulation of dermal adipocyte stem cells. Stem Cell Investigation, 2017, 4, 72-72.  | 3.0  | 3         |
| 57 | Skin in the Game: Stem Cells in Repair, Cancer, and Homeostasis. Cell, 2020, 181, 492-494.   | 28.9 | 3         |
| 58 | Cut out that YAPping: Mechanisms to reduce scar formation. Cell Stem Cell, 2022, 29, 179-181.  | 11.1 | 2         |
| 59 | Diversity is Excellence: Initiatives in the Society for Investigative Dermatology to Broaden<br>Participation. Journal of Investigative Dermatology, 2019, 139, 2217-2219. | 0.7  | 1         |
| 60 | Valerie Horsley: Getting under the skin. Journal of Cell Biology, 2009, 184, 466-467.  | 5.2  | 0         |
| 61 | Split decisions: oesophageal progenitor cell behaviour. EMBO Journal, 2012, 31, 3653-3654.   | 7.8  | Ο         |
| 62 | Montagna Symposium 2015: Harnessing Stem Cells toÂReveal Novel Skin Biology and Disease Treatments.<br>Journal of Investigative Dermatology, 2016, 136, 893-896.           | 0.7  | 0         |
| 63 | Classical cadherins control polarized organization of junctions and cytoskeleton in stratified epithelia. Journal of Dermatological Science, 2016, 84, e112.               | 1.9  | Ο         |
| 64 | Interactions between Lymphangiogenesis and Angiogenesis During Dermal Wound Healing. Journal of the American College of Surgeons, 2017, 225, e88-e89.                      | 0.5  | 0         |
| 65 | Lifting Each Other Up: Epidermal Stem Cells in Tissue Homeostasis. Developmental Cell, 2019, 51,<br>296-298.   | 7.0  | 0         |
| 66 | Statement on Racial Equality. Journal of Investigative Dermatology, 2020, 140, 1485.   | 0.7  | 0         |