

# Bethan Lloyd-Lewis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/723071/publications.pdf>

Version: 2024-02-01

21  
papers

956  
citations

567281

15  
h-index

713466

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1785  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Stat3 controls cell death during mammary gland involution by regulating uptake of milk fat globules and lysosomal membrane permeabilization. <i>Nature Cell Biology</i> , 2014, 16, 1057-1068.                             | 10.3 | 136       |
| 2  | Single-cell lineage tracing in the mammary gland reveals stochastic clonal dispersion of stem/progenitor cell progeny. <i>Nature Communications</i> , 2016, 7, 13053.  | 12.8 | 109       |
| 3  | Mammary Stem Cells: Premise, Properties, and Perspectives. <i>Trends in Cell Biology</i> , 2017, 27, 556-567.  | 7.9  | 94        |
| 4  | Wnt and Neuregulin1/ErbB signalling extends 3D culture of hormone responsive mammary organoids. <i>Nature Communications</i> , 2016, 7, 13207.   | 12.8 | 88        |
| 5  | Imaging the mammary gland and mammary tumours in 3D: optical tissue clearing and immunofluorescence methods. <i>Breast Cancer Research</i> , 2016, 18, 127.  | 5.0  | 83        |
| 6  | Huwe1-Mediated Ubiquitylation of Dishevelled Defines a Negative Feedback Loop in the Wnt Signaling Pathway. <i>Science Signaling</i> , 2014, 7, ra26.  | 3.6  | 70        |
| 7  | The Stat3 paradox: A killer and an oncogene. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 603-611.   | 3.2  | 49        |
| 8  | Notch signalling: sensor and instructor of the microenvironment to coordinate cell fate and organ morphogenesis. <i>Current Opinion in Cell Biology</i> , 2019, 61, 16-23.   | 5.4  | 42        |
| 9  | Multiscale imaging of basal cell dynamics in the functionally mature mammary gland. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26822-26832.                       | 7.1  | 41        |
| 10 | Rip11 is a Rab11- and AS160-RabGAP-binding protein required for insulin-stimulated glucose uptake in adipocytes. <i>Journal of Cell Science</i> , 2007, 120, 4197-4208.  | 2.0  | 40        |
| 11 | Neutral lineage tracing of proliferative embryonic and adult mammary stem/progenitor cells. <i>Development (Cambridge)</i> , 2018, 145, .  | 2.5  | 40        |
| 12 | Toward a quantitative understanding of the Wnt/ $\beta$ -catenin pathway through simulation and experiment. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2013, 5, 391-407.                       | 6.6  | 34        |
| 13 | Stat3-mediated alterations in lysosomal membrane protein composition. <i>Journal of Biological Chemistry</i> , 2018, 293, 4244-4261.   | 3.4  | 26        |
| 14 | Longitudinal high-resolution imaging through a flexible intravital imaging window. <i>Science Advances</i> , 2021, 7, .  | 10.3 | 25        |
| 15 | Signal transducer and activator of transcription 3 and the phosphatidylinositol 3-kinase regulatory subunits p55 $\alpha$ and p50 $\alpha$ regulate autophagy <i>in vivo</i> . <i>FEBS Journal</i> , 2014, 281, 4557-4567. | 4.7  | 23        |
| 16 | Multidimensional Imaging of Mammary Gland Development: A Window Into Breast Form and Function. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 203.  | 3.7  | 17        |
| 17 | Deciphering how early life adiposity influences breast cancer risk using Mendelian randomization. <i>Communications Biology</i> , 2022, 5, 337.  | 4.4  | 13        |
| 18 | <i>In vivo</i> imaging of mammary epithelial cell dynamics in response to lineage-biased Wnt/ $\beta$ -catenin activation. <i>Cell Reports</i> , 2022, 38, 110461.   | 6.4  | 6         |

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|----|---|-----|-----------|
| 19 | The immune environment of the mammary gland fluctuates during post-lactational regression and correlates with tumour growth rate. <i>Development (Cambridge)</i> , 2022, 149, . | 2.5 | 5         |
| 20 | Analysis of the Involuting Mouse Mammary Gland: An In Vivo Model for Cell Death. <i>Methods in Molecular Biology</i> , 2017, 1501, 165-186.                                     | 0.9 | 3         |
| 21 | Multidimensional Fluorescence Imaging of Embryonic and Postnatal Mammary Gland Development. <i>Methods in Molecular Biology</i> , 2022, 2471, 19-48.                            | 0.9 | 3         |