

# Peter Walentek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3512216/publications.pdf>

Version: 2024-02-01

30  
papers

1,135  
citations

516710

16  
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477307

29  
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36  
all docs

36  
docs citations

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times ranked

1960  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | miR-34/449 miRNAs are required for motile ciliogenesis by repressing cp110. <i>Nature</i> , 2014, 510, 115-120.  | 27.8 | 196       |
| 2  | Long-range neural and gap junction protein-mediated cues control polarity during planarian regeneration. <i>Developmental Biology</i> , 2010, 339, 188-199.  | 2.0  | 176       |
| 3  | Ciliary transcription factors and miRNAs precisely regulate Cp110 levels required for ciliary adhesions and ciliogenesis. <i>ELife</i> , 2016, 5, .  | 6.0  | 80        |
| 4  | ATP4a Is Required for Wnt-Dependent Foxj1 Expression and Leftward Flow in <i>Xenopus</i> Left-Right Development. <i>Cell Reports</i> , 2012, 1, 516-527.   | 6.4  | 73        |
| 5  | What we can learn from a tadpole about ciliopathies and airway diseases: Using systems biology in <i>Xenopus</i> to study cilia and mucociliary epithelia. <i>Genesis</i> , 2017, 55, e23001.                          | 1.6  | 72        |
| 6  | Serotonin Signaling Is Required for Wnt-Dependent GRP Specification and Leftward Flow in <i>Xenopus</i> . <i>Current Biology</i> , 2012, 22, 33-39.  | 3.9  | 60        |
| 7  | Ciliogenesis and cerebrospinal fluid flow in the developing <i>Xenopus</i> brain are regulated by foxj1. <i>Cilia</i> , 2013, 2, 12.   | 1.8  | 52        |
| 8  | A novel serotonin-secreting cell type regulates ciliary motility in the mucociliary epidermis of <i>Xenopus</i> tadpoles. <i>Development (Cambridge)</i> , 2014, 141, 1526-1533.                                       | 2.5  | 52        |
| 9  | Î²N-Tp63 Mediates Wnt/Î²-Catenin-Induced Inhibition of Differentiation in Basal Stem Cells of Mucociliary Epithelia. <i>Cell Reports</i> , 2019, 28, 3338-3352.e6.   | 6.4  | 48        |
| 10 | The GID ubiquitin ligase complex is a regulator of AMPK activity and organismal lifespan. <i>Autophagy</i> , 2020, 16, 1618-1634.  | 9.1  | 43        |
| 11 | Wnt11b Is Involved in Cilia-Mediated Symmetry Breakage during <i>Xenopus</i> Left-Right Development. <i>PLoS ONE</i> , 2013, 8, e73646.  | 2.5  | 34        |
| 12 | ATP4a is required for development and function of the <i>Xenopus</i> mucociliary epidermis – a potential model to study proton pump inhibitor-associated pneumonia. <i>Developmental Biology</i> , 2015, 408, 292-304. | 2.0  | 32        |
| 13 | Katanin-like protein Katnal2 is required for ciliogenesis and brain development in <i>Xenopus</i> embryos. <i>Developmental Biology</i> , 2018, 442, 276-287.  | 2.0  | 27        |
| 14 | Notch signaling induces either apoptosis or cell fate change in multiciliated cells during mucociliary tissue remodeling. <i>Developmental Cell</i> , 2021, 56, 525-539.e6.  | 7.0  | 27        |
| 15 | The Alternative Splicing Regulator Tra2b Is Required for Somitogenesis and Regulates Splicing of an Inhibitory Wnt11b Isoform. <i>Cell Reports</i> , 2015, 10, 527-536.  | 6.4  | 26        |
| 16 | Linking early determinants and cilia-driven leftward flow in left-right axis specification of <i>Xenopus laevis</i> : A theoretical approach. <i>Differentiation</i> , 2012, 83, S67-S77.                              | 1.9  | 21        |
| 17 | Manipulating and Analyzing Cell Type Composition of the <i>Xenopus</i> Mucociliary Epidermis. <i>Methods in Molecular Biology</i> , 2018, 1865, 251-263.   | 0.9  | 14        |
| 18 | Signaling Control of Mucociliary Epithelia: Stem Cells, Cell Fates, and the Plasticity of Cell Identity in Development and Disease. <i>Cells Tissues Organs</i> , 2022, 211, 736-753.                                  | 2.3  | 13        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | A simple method to generate human airway epithelial organoids with externally orientated apical membranes. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 322, L420-L437.           | 2.9  | 13        |
| 20 | Microridge-like structures anchor motile cilia. Nature Communications, 2022, 13, 2056.  | 12.8 | 13        |
| 21 | microRNAs and cilia. Cell Cycle, 2014, 13, 2315-2316.   | 2.6  | 10        |
| 22 | ATP4 and ciliation in the neuroectoderm and endoderm of <i>Xenopus</i> embryos and tadpoles. Data in Brief, 2015, 4, 22-31.   | 1.0  | 10        |
| 23 | Na <sup>+</sup> and H <sup>+</sup> Exchangers Are Required for the Development and Function of Vertebrate Mucociliary Epithelia. Cells Tissues Organs, 2018, 205, 279-292.  | 2.3  | 10        |
| 24 | <i>Xenopus</i> epidermal and endodermal epithelia as models for mucociliary epithelial evolution, disease, and metaplasia. Genesis, 2021, 59, e23406.   | 1.6  | 9         |
| 25 | Ciliary transcription factors in cancer - how understanding ciliogenesis can promote the detection and prognosis of cancer types. Journal of Pathology, 2016, 239, 6-9.   | 4.5  | 7         |
| 26 | Planar Cell Polarity in Ciliated Epithelia. , 2018, , 177-209.  |      | 5         |
| 27 | The highly conserved FOXJ1 target CFAP161 is dispensable for motile ciliary function in mouse and <i>Xenopus</i> . Scientific Reports, 2021, 11, 13333.   | 3.3  | 3         |
| 28 | Cilia-localized GID/CTLH ubiquitin ligase complex regulates protein homeostasis of sonic hedgehog signaling components. Journal of Cell Science, 2022, 135, .   | 2.0  | 3         |
| 29 | Spectrum of Genetic Variants in a Cohort of 37 Laterality Defect Cases. Frontiers in Genetics, 2022, 13, 861236.  | 2.3  | 2         |
| 30 | Gastric H <sup>+</sup> /K <sup>+</sup> + ATPase-dependent Wnt-signaling is required for Foxj1 expression and cilia polarization in <i>Xenopus</i> left-right axis formation. Developmental Biology, 2011, 356, 209. | 2.0  | 0         |