# David Teis

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6310454/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 46 papers | 4,149 citations | 172457 29 h-index | 214800 47 g-index |
| 59 all docs | 59 docs citations | 59 times ranked | 5248 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Localization of the MP1-MAPK Scaffold Complex to Endosomes Is Mediated by p14 and Required for Signal Transduction. Developmental Cell, 2002, 3, 803-814. | 7.0 | 341 |
| 2 | The ESCRT machinery. Current Biology, 2012, 22, R116-R120. | 3.9 | 335 |
| 3 | Ordered Assembly of the ESCRT-III Complex on Endosomes Is Required to Sequester Cargo during MVB Formation. Developmental Cell, 2008, 15, 578-589. | 7.0 | 299 |
| 4 | Comm Sorts Robo to Control Axon Guidance at the Drosophila Midline. Cell, 2002, 110, 415-427. | 28.9 | 289 |
| 5 | Functional Reconstitution of ESCRT-III Assembly and Disassembly. Cell, 2009, 136, 97-109. | 28.9 | 275 |
| 6 | A novel human primary immunodeficiency syndrome caused by deficiency of the endosomal adaptor protein p14. Nature Medicine, 2007, 13, 38-45. | 30.7 | 200 |
| 7 | p14â€“MP1-MEK1 signaling regulates endosomal traffic and cellular proliferation during tissue homeostasis. Journal of Cell Biology, 2006, 175, 861-868. | 5.2 | 195 |
| 8 | A Novel 14-Kilodalton Protein Interacts with the Mitogen-Activated Protein Kinase Scaffold Mp1 on a Late Endosomal/Lysosomal Compartment. Journal of Cell Biology, 2001, 152, 765-776. | 5.2 | 189 |
| 9 | Coordinated binding of Vps4 to ESCRT-III drives membrane neck constriction during MVB vesicle formation. Journal of Cell Biology, 2014, 205, 33-49. | 5.2 | 157 |
| 10 | ESCRT-II coordinates the assembly of ESCRT-III filaments for cargo sorting and multivesicular body vesicle formation. EMBO Journal, 2010, 29, 871-883. | 7.8 | 145 |
| 11 | Recruitment dynamics of ESCRT-III and Vps4 to endosomes and implications for reverse membrane budding. ELife, 2017, 6, . | 6.0 | 138 |
| 12 | Assembly of a Fab1 Phosphoinositide Kinase Signaling Complex Requires the Fig4 Phosphoinositide Phosphatase. Molecular Biology of the Cell, 2008, 19, 4273-4286. | 2.1 | 120 |
| 13 | Lysosomal signaling in control of degradation pathways. Current Opinion in Cell Biology, 2016, 39, 8-14. | 5.4 | 110 |
| 14 | The coordinated action of the MVB pathway and autophagy ensures cell survival during starvation. ELife, 2015, 4, e07736. | 6.0 | 102 |
| 15 | ESCRTâ€III and Vps4: a dynamic multipurpose tool for membrane budding and scission. FEBS Journal, 2016, 283, 3288-3302. | 4.7 | 90 |
| 16 | Crystal structure of the p14/MP1 scaffolding complex: How a twin couple attaches mitogen-activated protein kinase signaling to late endosomes. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10984-10989. | 7.1 | 89 |
| 17 | The late endosomal p14â€“MP1 (LAMTOR2/3) complex regulates focal adhesion dynamics during cell migration. Journal of Cell Biology, 2014, 205, 525-540. | 5.2 | 82 |
| 18 | Assembly and disassembly of the ESCRT-III membrane scission complex. FEBS Letters, 2011, 585, 3191-3196. | 2.8 | 75 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Endosome and Golgiâ€associated degradation ( <scp>EGAD</scp> ) of membrane proteins regulates sphingolipid metabolism. EMBO Journal, 2019, 38, e101433. | 7.8 | 73 |
| 20 | ESCRT-III/Vps4 Controls Heterochromatin-Nuclear Envelope Attachments. Developmental Cell, 2020, 53, 27-41.e6. | 7.0 | 57 |
| 21 | Apoptosis resistance of senescent human fibroblasts is correlated with the absence of nuclear IGFBP-3. Aging Cell, 2005, 4, 325-330. | 6.7 | 56 |
| 22 | ESCRT-III drives the final stages of CUPS maturation for unconventional protein secretion. ELife, 2016, 5, . | 6.0 | 54 |
| 23 | SnapShot: The ESCRT Machinery. Cell, 2009, 137, 182-182.e1. | 28.9 | 51 |
| 24 | Quantitative Proteomics Using Ultralow Flow Capillary Electrophoresisâ€“Mass Spectrometry. Analytical Chemistry, 2015, 87, 4633-4640. | 6.5 | 50 |
| 25 | TORC1 regulates vacuole membrane composition through ubiquitin- and ESCRT-dependent microautophagy. Journal of Cell Biology, 2020, 219, . | 5.2 | 47 |
| 26 | Phosphoproteomic analysis using immobilized metal ion affinity chromatography on the basis of cellulose powder. Proteomics, 2005, 5, 46-54. | 2.2 | 46 |
| 27 | The role of the endosomal sorting complexes required for transport (ESCRT) in tumorigenesis. Molecular Membrane Biology, 2014, 31, 111-119. | 2.0 | 46 |
| 28 | Two novel WD40 domainâ€“containing proteins, Ere1 and Ere2, function in the retromer-mediated endosomal recycling pathway. Molecular Biology of the Cell, 2011, 22, 4093-4107. | 2.1 | 41 |
| 29 | Plasma membrane tension regulates eisosome structure and function. Molecular Biology of the Cell, 2020, 31, 287-303. | 2.1 | 38 |
| 30 | The Î±â€arrestin family of ubiquitin ligase adaptors links metabolism with selective endocytosis. Biology of the Cell, 2021, 113, 183-219. | 2.0 | 38 |
| 31 | The Siderophore Transporter Sit1 Determines Susceptibility to the Antifungal VL-2397. Antimicrobial Agents and Chemotherapy, 2019, 63, . | 3.2 | 34 |
| 32 | Ultrastructural Morphometry Points to a New Role for <scp>LAMTOR2</scp> in Regulating the Endo/Lysosomal System. Traffic, 2015, 16, 617-634. | 2.7 | 32 |
| 33 | ESCRT and Membrane Protein Ubiquitination. Progress in Molecular and Subcellular Biology, 2018, 57, 107-135. | 1.6 | 30 |
| 34 | Biogenesis of lysosomeâ€related organelles complexâ€1 (BORC) regulates late endosomal/lysosomal size through PIKfyveâ€dependent phosphatidylinositolâ€3,5â€bisphosphate. Traffic, 2019, 20, 674-696. | 2.7 | 30 |
| 35 | Structural and Enzymatic Properties of the AAA Protein Drg1p fromSaccharomyces cerevisiae. Journal of Biological Chemistry, 2002, 277, 26788-26795. | 3.4 | 28 |
| 36 | QIKS â€“ Quantitative identification of kinase substrates. Proteomics, 2010, 10, 2015-2025. | 2.2 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | The yeast arrestin-related protein Bul1 is a novel actor of glucose-induced endocytosis. Molecular Biology of the Cell, 2018, 29, 1012-1020. | 2.1 | 23 |
| 38 | Complementary Î±-arrestin-ubiquitin ligase complexes control nutrient transporter endocytosis in response to amino acids. ELife, 2020, 9, . | 6.0 | 23 |
| 39 | Endosomal signaling and cell migration. Current Opinion in Cell Biology, 2011, 23, 615-620. | 5.4 | 20 |
| 40 | SATB2â€ŁEMD2 interaction links nuclear shape plasticity to regulation of cognitionâ€rrelated genes. EMBO Journal, 2021, 40, e103701. | 7.8 | 14 |
| 41 | Protein quality control at the Golgi. Current Opinion in Cell Biology, 2022, 75, 102074. | 5.4 | 14 |
| 42 | TOR complex 2 (TORC2) signaling and the ESCRT machinery cooperate in the protection of plasma membrane integrity in yeast. Journal of Biological Chemistry, 2020, 295, 12028-12044. | 3.4 | 11 |
| 43 | Regulation of Rab5 isoforms by transcriptional and postâ€transcriptional mechanisms in yeast. FEBS Letters, 2017, 591, 2803-2815. | 2.8 | 10 |
| 44 | Membrane Abscission: First Glimpse at Dynamic ESCRTs. Current Biology, 2012, 22, R603-R605. | 3.9 | 7 |
| 45 | Microscopy of theDrosophila facet eye: Vademecum for standardized fixation, embedding, and sectioning. Microscopy Research and Technique, 2006, 69, 93-98. | 2.2 | 6 |
| 46 | Functional patchworking at the plasma membrane. EMBO Journal, 2018, 37, . | 7.8 | 4 |