

Ralf Jacob

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,669
citations

218677

26
h-index

214800

47
g-index

52
all docs

52
docs citations

52
times ranked

3342
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Examination of Galectin-3 Recruitment into Multivesicular Bodies for Exosomal Secretion. <i>Methods in Molecular Biology</i> , 2022, 2442, 413-424. | 0.9 | 1 |
| 2 | Galectins. <i>Current Biology</i> , 2022, 32, R406-R408. | 3.9 | 6 |
| 3 | TTL-Expression Modulates Epithelial Morphogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 635723. | 3.7 | 4 |
| 4 | Polystyrene microplastic particles induce endothelial activation. <i>PLoS ONE</i> , 2021, 16, e0260181. | 2.5 | 19 |
| 5 | Dietary cellulose induces anti-inflammatory immunity and transcriptional programs via maturation of the intestinal microbiota. <i>Gut Microbes</i> , 2020, 12, 1829962. | 9.8 | 35 |
| 6 | Galectins in Intra- and Extracellular Vesicles. <i>Biomolecules</i> , 2020, 10, 1232. | 4.0 | 33 |
| 7 | Neoplastic Cells are the Major Source of MT-MMPs in IDH1-Mutant Glioma, Thus Enhancing Tumor-Cell Intrinsic Brain Infiltration. <i>Cancers</i> , 2020, 12, 2456. | 3.7 | 6 |
| 8 | CDK1-mediated phosphorylation at H2B serine 6 is required for mitotic chromosome segregation. <i>Journal of Cell Biology</i> , 2019, 218, 1164-1181. | 5.2 | 21 |
| 9 | Intestinal development and homeostasis require activation and apoptosis of diet-reactive T cells. <i>Journal of Clinical Investigation</i> , 2019, 129, 1972-1983. | 8.2 | 22 |
| 10 | Molecular mechanism to recruit galectin-3 into multivesicular bodies for polarized exosomal secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4396-E4405. | 7.1 | 98 |
| 11 | The dynamic recruitment of TRBP to neuronal membranes mediates dendritogenesis during development. <i>EMBO Reports</i> , 2018, 19, . | 4.5 | 26 |
| 12 | Galectins at a glance. <i>Journal of Cell Science</i> , 2018, 131, . | 2.0 | 423 |
| 13 | The large GTPase Mx1 binds Kif5B for cargo transport along microtubules. <i>Traffic</i> , 2018, 19, 947-964. | 2.7 | 5 |
| 14 | Galectin-3 modulates the polarized surface delivery of β 21-integrin in epithelial cells. <i>Journal of Cell Science</i> , 2018, 131, . | 2.0 | 22 |
| 15 | PTK7 localization and protein stability is affected by canonical Wnt ligands. <i>Journal of Cell Science</i> , 2017, 130, 1890-1903. | 2.0 | 23 |
| 16 | Indication for differential sorting of the rat v-SNARE splice isoforms VAMP-1a and -1b. <i>Biochemistry and Cell Biology</i> , 2017, 95, 500-509. | 2.0 | 3 |
| 17 | Galectin-3 interacts with components of the nuclear ribonucleoprotein complex. <i>BMC Cancer</i> , 2016, 16, 502. | 2.6 | 48 |
| 18 | Sec16 alternative splicing dynamically controls COPII transport efficiency. <i>Nature Communications</i> , 2016, 7, 12347. | 12.8 | 26 |

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|----|--|------|-----------|
| 19 | Nuclear Trapping through Inhibition of Exosomal Export by Indomethacin Increases Cytostatic Efficacy of Doxorubicin and Pixantrone. <i>Clinical Cancer Research</i> , 2016, 22, 395-404. | 7.0 | 111 |
| 20 | Influenza Virus Adaptation PB2-627K Modulates Nucleocapsid Inhibition by the Pathogen Sensor RIG-I. <i>Cell Host and Microbe</i> , 2015, 17, 309-319. | 11.0 | 118 |
| 21 | Recycling of galectin-3 in epithelial cells. <i>European Journal of Cell Biology</i> , 2015, 94, 309-315. | 3.6 | 28 |
| 22 | Evidence for functional and dynamic microcompartmentation of Cav-1/TRPV4/KCa in caveolae of endothelial cells. <i>European Journal of Cell Biology</i> , 2015, 94, 391-400. | 3.6 | 55 |
| 23 | Immunohistochemical demonstration of connexins in the developing feather follicle of the chicken. <i>Acta Histochemica</i> , 2014, 116, 639-645. | 1.8 | 6 |
| 24 | Ligand binding and complex formation of galectin-3 is modulated by pH variations. <i>Biochemical Journal</i> , 2014, 457, 107-115. | 3.7 | 22 |
| 25 | The Large GTPase Mx1 Is Involved in Apical Transport in MDCK Cells. <i>Traffic</i> , 2014, 15, 983-996. | 2.7 | 9 |
| 26 | Epidermal growth factor-induced modulation of cytokeratin expression levels influences the morphological phenotype of head and neck squamous cell carcinoma cells. <i>Cell and Tissue Research</i> , 2013, 351, 59-72. | 2.9 | 10 |
| 27 | pH-Dependent Recycling of Galectin-3 at the Apical Membrane of Epithelial Cells. <i>Traffic</i> , 2013, 14, 1014-1027. | 2.7 | 45 |
| 28 | Tubulin detyrosination promotes monolayer formation and apical trafficking in epithelial cells. <i>Journal of Cell Science</i> , 2012, 125, 5998-6008. | 2.0 | 25 |
| 29 | Changes in the expression and subcellular distribution of galectin-3 in clear cell renal cell carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2011, 30, 89. | 8.6 | 21 |
| 30 | KIF5C, a kinesin motor involved in apical trafficking of MDCK cells. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1331-1342. | 5.4 | 25 |
| 31 | Annexin XIIIb guides raft-dependent and -independent apical traffic in MDCK cells. <i>European Journal of Cell Biology</i> , 2010, 89, 799-806. | 3.6 | 9 |
| 32 | Trafficking of galectin-3 through endosomal organelles of polarized and non-polarized cells. <i>European Journal of Cell Biology</i> , 2010, 89, 788-798. | 3.6 | 49 |
| 33 | Dynamin-like protein 1 at the Golgi complex: A novel component of the sorting/targeting machinery en route to the plasma membrane. <i>Experimental Cell Research</i> , 2010, 316, 3454-3467. | 2.6 | 25 |
| 34 | Galectin-3, a Novel Centrosome-associated Protein, Required for Epithelial Morphogenesis. <i>Molecular Biology of the Cell</i> , 2010, 21, 219-231. | 2.1 | 45 |
| 35 | The Role of Galectins in Protein Trafficking. <i>Traffic</i> , 2009, 10, 1405-1413. | 2.7 | 141 |
| 36 | Apical Cargo Traverses Endosomal Compartments on the Passage to the Cell Surface. <i>Traffic</i> , 2008, 9, 2206-2220. | 2.7 | 46 |

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|----|---|-----|-----------|
| 37 | Loss of galectin-3 impairs membrane polarisation of mouse enterocytes in vivo. <i>Journal of Cell Science</i> , 2008, 121, 458-465. | 2.0 | 67 |
| 38 | Apical Sorting by Galectin-3-Dependent Glycoprotein Clustering. <i>Traffic</i> , 2007, 8, 379-388. | 2.7 | 145 |
| 39 | Requirement for Galectin-3 in Apical Protein Sorting. <i>Current Biology</i> , 2006, 16, 408-414. | 3.9 | 179 |
| 40 | Î±-Kinase 1, a New Component in Apical Protein Transport. <i>Journal of Biological Chemistry</i> , 2005, 280, 25637-25643. | 3.4 | 58 |
| 41 | Annexin II Is Required for Apical Transport in Polarized Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 3680-3684. | 3.4 | 83 |
| 42 | Distinct Cytoskeletal Tracks Direct Individual Vesicle Populations to the Apical Membrane of Epithelial Cells. <i>Current Biology</i> , 2003, 13, 607-612. | 3.9 | 68 |
| 43 | Intestinal Dipeptidyl Peptidase IV Is Efficiently Sorted to the Apical Membrane through the Concerted Action of N- and O-Glycans as Well as Association with Lipid Microdomains. <i>Journal of Biological Chemistry</i> , 2002, 277, 10683-10690. | 3.4 | 58 |
| 44 | Apical membrane proteins are transported in distinct vesicular carriers. <i>Current Biology</i> , 2001, 11, 1444-1450. | 3.9 | 107 |
| 45 | Structural Determinants Required for Apical Sorting of an Intestinal Brush-border Membrane Protein. <i>Journal of Biological Chemistry</i> , 2000, 275, 6566-6572. | 3.4 | 74 |
| 46 | Additional N-Glycosylation and Its Impact on the Folding of Intestinal Lactase-phlorizin Hydrolase. <i>Journal of Biological Chemistry</i> , 2000, 275, 10630-10637. | 3.4 | 31 |
| 47 | Hierarchy of Sorting Signals in Chimeras of Intestinal Lactase-Phlorizin Hydrolase and the Influenza Virus Hemagglutinin. <i>Journal of Biological Chemistry</i> , 1999, 274, 8061-8067. | 3.4 | 34 |
| 48 | O-linked glycans mediate apical sorting of human intestinal sucrase-isomaltase through association with lipid rafts. <i>Current Biology</i> , 1999, 9, 593-S2. | 3.9 | 154 |