

Richard W Wubbolts

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

4,380
citations

159585

30
h-index

265206

42
g-index

45
all docs

45
docs citations

45
times ranked

7264
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomic and Biochemical Analyses of Human B Cell-derived Exosomes. <i>Journal of Biological Chemistry</i> , 2003, 278, 10963-10972.	3.4	760
2	The Rab7 effector protein RILP controls lysosomal transport by inducing the recruitment of dynein-dynactin motors. <i>Current Biology</i> , 2001, 11, 1680-1685.	3.9	667
3	MHC II in Dendritic Cells is Targeted to Lysosomes or T Cell-Induced Exosomes Via Distinct Multivesicular Body Pathways. <i>Traffic</i> , 2009, 10, 1528-1542.	2.7	347
4	The roles of FGF and MAP kinase signaling in the segregation of the epiblast and hypoblast cell lineages in bovine and human embryos. <i>Development (Cambridge)</i> , 2012, 139, 871-882.	2.5	230
5	Multivesicular body morphogenesis requires phosphatidylinositol 3-kinase activity. <i>Current Biology</i> , 1999, 9, 55-58.	3.9	203
6	Itraconazole Inhibits Enterovirus Replication by Targeting the Oxysterol-Binding Protein. <i>Cell Reports</i> , 2015, 10, 600-615.	6.4	201
7	Dendritic Cells Regulate Exposure of MHC Class II at Their Plasma Membrane by Oligoubiquitination. <i>Immunity</i> , 2006, 25, 885-894.	14.3	163
8	The power of imaging to understand extracellular vesicle biology in vivo. <i>Nature Methods</i> , 2021, 18, 1013-1026.	19.0	163
9	Exosomes contain ubiquitinated proteins. <i>Blood Cells, Molecules, and Diseases</i> , 2005, 35, 398-403.	1.4	144
10	MHC Class II Antigen Presentation by Dendritic Cells Regulated through Endosomal Sorting. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a016873-a016873.	5.5	141
11	Proteolytic Activation of the Porcine Epidemic Diarrhea Coronavirus Spike Fusion Protein by Trypsin in Cell Culture. <i>Journal of Virology</i> , 2014, 88, 7952-7961.	3.4	105
12	Efficient Payload Delivery by a Bispecific Antibody-Drug Conjugate Targeting HER2 and CD63. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2688-2697.	4.1	96
13	Disease Modeling and Gene Therapy of Copper Storage Disease in Canine Hepatic Organoids. <i>Stem Cell Reports</i> , 2015, 5, 895-907.	4.8	84
14	Spermatozoa recruit prostasomes in response to capacitation induction. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 2326-2335.	2.3	75
15	The Cumulus Cell Layer Protects the Bovine Maturing Oocyte Against Fatty Acid-Induced Lipotoxicity1. <i>Biology of Reproduction</i> , 2015, 92, 16.	2.7	75
16	Endosomal sorting of MHC class II determines antigen presentation by dendritic cells. <i>Current Opinion in Cell Biology</i> , 2008, 20, 437-444.	5.4	70
17	Inhibition and Eradication of <i>Pseudomonas aeruginosa</i> Biofilms by Host Defence Peptides. <i>Scientific Reports</i> , 2018, 8, 10446.	3.3	69
18	High Turnover of Tissue Factor Enables Efficient Intracellular Delivery of Antibody-Drug Conjugates. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1130-1140.	4.1	67

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19	Gene expression profiling of early intervertebral disc degeneration reveals a down-regulation of canonical Wnt signaling and caveolin-1 expression: implications for development of regenerative strategies. <i>Arthritis Research and Therapy</i> , 2013, 15, R23.	3.5	65
20	Stearoyl-CoA desaturase activity in bovine cumulus cells protects the oocyte against saturated fatty acid stress. <i>Biology of Reproduction</i> , 2017, 96, 982-992.	2.7	65
21	Fungicidal Mechanisms of Cathelicidins LL-37 and CATH-2 Revealed by Live-Cell Imaging. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2240-2248.	3.2	58
22	Canonical Wnt signaling in the notochordal cell is upregulated in early intervertebral disk degeneration. <i>Journal of Orthopaedic Research</i> , 2012, 30, 950-957.	2.3	53
23	MUC1 is a receptor for the Salmonella SiiE adhesin that enables apical invasion into enterocytes. <i>PLoS Pathogens</i> , 2019, 15, e1007566.	4.7	47
24	Lysosome-mediated degradation of a distinct pool of lipid droplets during hepatic stellate cell activation. <i>Journal of Biological Chemistry</i> , 2017, 292, 12436-12448.	3.4	46
25	Cholesterol shuttling is important for RNA replication of coxsackievirus B3 and encephalomyocarditis virus. <i>Cellular Microbiology</i> , 2015, 17, 1144-1156.	2.1	39
26	Intracellular transport and peptide loading of MHC class II molecules: regulation by chaperones and motors. <i>Immunological Reviews</i> , 1999, 172, 189-208.	6.0	38
27	Dendritic cells release exosomes together with phagocytosed pathogen; potential implications for the role of exosomes in antigen presentation. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1798606.	12.2	38
28	Bystander T-Cells Support Clonal T-Cell Activation by Controlling the Release of Dendritic Cell-Derived Immune-Stimulatory Extracellular Vesicles. <i>Frontiers in Immunology</i> , 2019, 10, 448.	4.8	36
29	Endosome-mediated autophagy. <i>Autophagy</i> , 2013, 9, 861-880.	9.1	35
30	Role of long-chain acyl-CoA synthetase 4 in formation of polyunsaturated lipid species in hepatic stellate cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 220-230.	2.4	31
31	Fc γ 3-Chain ITAM Signaling Is Critically Required for Cross-Presentation of Soluble Antigen Complexes by Dendritic Cells. <i>Journal of Immunology</i> , 2014, 193, 5506-5514.	0.8	28
32	Retinyl esters form lipid droplets independently of triacylglycerol and seipin. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	22
33	The Paracrine Feedback Loop Between Vitamin D ₃ (1,25(OH) ₂ D ₃) and PTHrP in Prehypertrophic Chondrocytes. <i>Journal of Cellular Physiology</i> , 2014, 229, 1999-2014.	4.1	21
34	Endosomally Stored MHC Class II Does Not Contribute to Antigen Presentation by Dendritic Cells at Inflammatory Conditions. <i>Traffic</i> , 2011, 12, 1025-1036.	2.7	20
35	Characterization of bovine embryos cultured under conditions appropriate for sustaining human naive pluripotency. <i>PLoS ONE</i> , 2017, 12, e0172920.	2.5	17
36	Excessive E2F Transcription in Single Cancer Cells Precludes Transient Cell-Cycle Exit after DNA Damage. <i>Cell Reports</i> , 2020, 33, 108449.	6.4	16

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37	Novel type II collagen reporter mice: New tool for assessing collagen 2 ^{±1} expression in vivo and in vitro. <i>Developmental Dynamics</i> , 2011, 240, 663-673.	1.8	10
38	Trafficking of MHC Class II in Dendritic Cells is Dependent on but Not Regulated by Degradation of Its Associated Invariant Chain. <i>Traffic</i> , 2010, 11, 324-331.	2.7	9
39	MHC class II molecules: transport pathways for antigen presentation. <i>Trends in Cell Biology</i> , 1997, 7, 115-118.	7.9	7
40	The Transmembrane Mucin MUC1 Facilitates β 21-Integrin-Mediated Bacterial Invasion. <i>MBio</i> , 2021, 12, .	4.1	7
41	In Vitro Techniques for Assessing Neurotoxicity Using Human iPSC-Derived Neuronal Models. <i>Neuromethods</i> , 2019, , 17-35.	0.3	3