

Ludger Johannes

List of Publications by Year in descending order

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205
papers

17,476
citations

13827

67
h-index

15683

125
g-index

215
all docs

215
docs citations

215
times ranked

18410
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Relaxivity Molecular MRI Contrast Agent to Target Gb3-Expressing Cancer Cells. <i>Bioconjugate Chemistry</i> , 2022, 33, 180-193.	1.8	5
2	Retrograde Transport. , 2022, , .		0
3	The roles of dynein and myosin VI motor proteins in endocytosis. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	5
4	Application of Protein Toxins as Cell Biological and Pharmacological Tools. <i>Toxins</i> , 2022, 14, 242.	1.5	1
5	Site-specific $\alpha 5 \beta 1$ integrin glycan profiles of $\alpha 5 \beta 1$ integrin from rat liver. <i>Biology of the Cell</i> , 2022, 114, 160-176.	0.7	4
6	STxB as an Antigen Delivery Tool for Mucosal Vaccination. <i>Toxins</i> , 2022, 14, 202.	1.5	10
7	of in Mouse. <i>Methods in Molecular Biology</i> , 2022, 2442, 367-390.	0.4	1
8	C910 chemical compound inhibits the trafficking of several bacterial AB toxins with cross-protection against influenza virus. <i>IScience</i> , 2022, 25, 104537.	1.9	0
9	Solubilization and Purification of $\alpha 5 \beta 1$ Integrin from Rat Liver for Reconstitution into Nanodiscs. <i>Methods in Molecular Biology</i> , 2022, , 1-18.	0.4	3
10	Self-assembled, Programmable DNA Nanodevices for Biological and Biomedical Applications. <i>ChemBioChem</i> , 2021, 22, 763-778.	1.3	13
11	Retrograde and Anterograde Transport of Lat-Vesicles during the Immunological Synapse Formation: Defining the Finely-Tuned Mechanism. <i>Cells</i> , 2021, 10, 359.	1.8	4
12	Glycolipid-dependent and lectin-driven transcytosis in mouse enterocytes. <i>Communications Biology</i> , 2021, 4, 173.	2.0	12
13	CXCR6 deficiency impairs cancer vaccine efficacy and CD8 ⁺ resident memory T-cell recruitment in head and neck and lung tumors. , 2021, 9, e001948.		41
14	Absolute Quantification of Drug Vector Delivery to the Cytosol. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14824-14830.	7.2	13
15	Absolute Quantification of Drug Vector Delivery to the Cytosol. <i>Angewandte Chemie</i> , 2021, 133, 14950-14956.	1.6	0
16	The Cellular and Chemical Biology of Endocytic Trafficking and Intracellular Delivery – The Lectin Hypothesis. <i>Molecules</i> , 2021, 26, 3299.	1.7	8
17	Ceramide structure dictates glycosphingolipid nanodomain assembly and function. <i>Nature Communications</i> , 2021, 12, 3675.	5.8	27
18	The final twist in endocytic membrane scission. <i>Nature Cell Biology</i> , 2021, 23, 812-813.	4.6	0

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19	Repurposing of tamoxifen ameliorates CLN3 and CLN7 disease phenotype. <i>EMBO Molecular Medicine</i> , 2021, 13, e13742.	3.3	28
20	Quantitative Methods to Study and of Cargo Proteins. <i>Methods in Molecular Biology</i> , 2021, 2233, 53-70.	0.4	1
21	Clathrin-independent endocytosis, retrograde trafficking, and cell polarity. <i>Current Opinion in Cell Biology</i> , 2020, 65, 112-121.	2.6	46
22	Local IFN γ enhances the anti-tumoral efficacy of systemic anti-PD1 to prevent tumor relapse. , 2020, 8, e000996.		1
23	Shiga Toxin Uptake and Sequestration in Extracellular Vesicles Is Mediated by Its B-Subunit. <i>Toxins</i> , 2020, 12, 449.	1.5	12
24	Glycosylation and raft endocytosis in cancer. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 375-396.	2.7	31
25	Endophilin-A3 and Galectin-8 control the clathrin-independent endocytosis of CD166. <i>Nature Communications</i> , 2020, 11, 1457.	5.8	65
26	Functional dissection of the retrograde Shiga toxin trafficking inhibitor Retro-2. <i>Nature Chemical Biology</i> , 2020, 16, 327-336.	3.9	36
27	MALDI-2 Mass Spectrometry and Immunohistochemistry Imaging of Gb3Cer, Gb4Cer, and Further Glycosphingolipids in Human Colorectal Cancer Tissue. <i>Analytical Chemistry</i> , 2020, 92, 7096-7105.	3.2	31
28	Shiga toxin signals via ATP and its effect is blocked by purinergic receptor antagonism. <i>Scientific Reports</i> , 2019, 9, 14362.	1.6	12
29	Galectin-3 modulation of T-cell activation: mechanisms of membrane remodelling. <i>Progress in Lipid Research</i> , 2019, 76, 101010.	5.3	32
30	Shiga Toxin Induces Lipid Compression: A Mechanism for Generating Membrane Curvature. <i>Nano Letters</i> , 2019, 19, 7365-7369.	4.5	26
31	Retro Styles for Vesicle Coats. <i>Biochemistry</i> , 2019, 58, 433-434.	1.2	0
32	Dystrophy-associated caveolin-3 mutations reveal that caveolae couple IL6/STAT3 signaling with mechanosensing in human muscle cells. <i>Nature Communications</i> , 2019, 10, 1974.	5.8	55
33	Renal globotriaosylceramide facilitates tubular albumin absorption and its inhibition protects against acute kidney injury. <i>Kidney International</i> , 2019, 96, 327-341.	2.6	21
34	2nd PSL Chemical Biology Symposium (2019): At the Crossroads of Chemistry and Biology. <i>ChemBioChem</i> , 2019, 20, 968-973.	1.3	0
35	Clustering on Membranes: Fluctuations and More. <i>Trends in Cell Biology</i> , 2018, 28, 405-415.	3.6	61
36	Rab6-dependent retrograde traffic of LAT controls immune synapse formation and T cell activation. <i>Journal of Experimental Medicine</i> , 2018, 215, 1245-1265.	4.2	42

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37	Glycosphingolipid metabolic reprogramming drives neural differentiation. <i>EMBO Journal</i> , 2018, 37, .	3.5	56
38	Increasing Diversity of Biological Membrane Fission Mechanisms. <i>Trends in Cell Biology</i> , 2018, 28, 274-286.	3.6	45
39	Galectins at a glance. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	423
40	MicroRNA 199a-5p Attenuates Retrograde Transport and Protects against Toxin-Induced Inhibition of Protein Biosynthesis. <i>Molecular and Cellular Biology</i> , 2018, 38, .	1.1	7
41	EHD2 is a mechanotransducer connecting caveolae dynamics with gene transcription. <i>Journal of Cell Biology</i> , 2018, 217, 4092-4105.	2.3	63
42	Rapalog combined with CCR4 antagonist improves anticancer vaccines efficacy. <i>International Journal of Cancer</i> , 2018, 143, 3008-3018.	2.3	16
43	The 2018 biomembrane curvature and remodeling roadmap. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 343001.	1.3	212
44	Current Challenges in Delivery and Cytosolic Translocation of Therapeutic RNAs. <i>Nucleic Acid Therapeutics</i> , 2018, 28, 178-193.	2.0	78
45	Abstract 5772: Engineered lectins to treat cancer. , 2018, , .		0
46	Metal-Free Activation of C(sp ³)-H Bond, and a Practical and Rapid Synthesis of Privileged 1-Substituted 1,2,3,4-Tetrahydroisoquinolines. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5275-5292.	1.2	11
47	Imaging galectin-3 dependent endocytosis with lattice light-sheet microscopy. <i>Proceedings of SPIE</i> , 2017, , .	0.8	4
48	Friction Mediates Scission of Tubular Membranes Scaffolded by BAR Proteins. <i>Cell</i> , 2017, 170, 172-184.e11.	13.5	171
49	Induction of resident memory T cells enhances the efficacy of cancer vaccine. <i>Nature Communications</i> , 2017, 8, 15221.	5.8	231
50	Mechanism of Shiga Toxin Clustering on Membranes. <i>ACS Nano</i> , 2017, 11, 314-324.	7.3	93
51	A novel type of quantum dot-transferrin conjugate using DNA hybridization mimics intracellular recycling of endogenous transferrin. <i>Nanoscale</i> , 2017, 9, 15453-15460.	2.8	7
52	Endocytosis: Remote Control from Deep Inside. <i>Current Biology</i> , 2017, 27, R663-R666.	1.8	1
53	Inhibitors of retrograde trafficking active against ricin and Shiga toxins also protect cells from several viruses, <i>Leishmania</i> and <i>Chlamydiales</i> . <i>Chemico-Biological Interactions</i> , 2017, 267, 96-103.	1.7	25
54	Shiga Toxin—A Model for Glycolipid-Dependent and Lectin-Driven Endocytosis. <i>Toxins</i> , 2017, 9, 340.	1.5	68

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55	Retromer Sets a Trap for Endosomal Cargo Sorting. <i>Cell</i> , 2016, 167, 1452-1454.	13.5	8
56	Spatiotemporal control of interferon-induced JAK/STAT signalling and gene transcription by the retromer complex. <i>Nature Communications</i> , 2016, 7, 13476.	5.8	50
57	Membrane invagination induced by Shiga toxin B-subunit: from molecular structure to tube formation. <i>Soft Matter</i> , 2016, 12, 5164-5171.	1.2	82
58	A Therapeutic Her2/neu Vaccine Targeting Dendritic Cells Preferentially Inhibits the Growth of Low Her2/neu-expressing Tumor in HLA-A2 Transgenic Mice. <i>Clinical Cancer Research</i> , 2016, 22, 4133-4144.	3.2	19
59	<i>Enterococcus hirae</i> and <i>Barnesiella intestinihominis</i> Facilitate Cyclophosphamide-Induced Therapeutic Immunomodulatory Effects. <i>Immunity</i> , 2016, 45, 931-943.	6.6	645
60	How curvature-generating proteins build scaffolds on membrane nanotubes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11226-11231.	3.3	120
61	Glycosylation-Dependent IFN- β Partitioning in Lipid and Actin Nanodomains Is Critical for JAK Activation. <i>Cell</i> , 2016, 166, 920-934.	13.5	110
62	Metal-free Activation of a C(sp) ³ -H Bond of Aryl Acetylenes. <i>Chemistry - A European Journal</i> , 2016, 22, 14812-14815.	1.7	16
63	Quantum dot-loaded monofunctionalized DNA icosahedra for single-particle tracking of endocytic pathways. <i>Nature Nanotechnology</i> , 2016, 11, 1112-1119.	15.6	142
64	Glycolipids and Lectins in Endocytic Uptake Processes. <i>Journal of Molecular Biology</i> , 2016, 428, 4792-4818.	2.0	84
65	Using Glycosphingolipids to Build Endocytic Pits in Clathrin-Independent Endocytosis. <i>Biophysical Journal</i> , 2016, 110, 5a.	0.2	0
66	Persistent cell migration and adhesion rely on retrograde transport of β 1-integrin. <i>Nature Cell Biology</i> , 2016, 18, 54-64.	4.6	93
67	Gastric Adenocarcinomas Express the Glycosphingolipid Gb3/CD77: Targeting of Gastric Cancer Cells with Shiga Toxin B-Subunit. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 1008-1017.	1.9	50
68	Synthesis, Chiral Separation, Absolute Configuration Assignment, and Biological Activity of Enantiomers of Retro-1 as Potent Inhibitors of Shiga Toxin. <i>ChemMedChem</i> , 2015, 10, 1153-1156.	1.6	8
69	Vaccine-induced tumor regression requires a dynamic cooperation between T cells and myeloid cells at the tumor site. <i>Oncotarget</i> , 2015, 6, 27832-27846.	0.8	46
70	Retrograde transport is not required for cytosolic translocation of the B-subunit of Shiga toxin. <i>Journal of Cell Science</i> , 2015, 128, 2373-2387.	1.2	15
71	Slow Relaxation of Shape and Orientational Texture in Membrane Gel Domains. <i>Langmuir</i> , 2015, 31, 12699-12707.	1.6	6
72	The effects of globotriaosylceramide tail saturation level on bilayer phases. <i>Soft Matter</i> , 2015, 11, 1352-1361.	1.2	22

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73	Shiga toxin stimulates clathrin-independent endocytosis of VAMP2/3/8 SNARE proteins. <i>Journal of Cell Science</i> , 2015, 128, 2891-902.	1.2	16
74	A new delivery system for auristatin in STxB-drug conjugate therapy. <i>European Journal of Medicinal Chemistry</i> , 2015, 95, 483-491.	2.6	35
75	Building endocytic pits without clathrin. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 311-321.	16.1	175
76	Synergy of Radiotherapy and a Cancer Vaccine for the Treatment of HPV-Associated Head and Neck Cancer. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1336-1345.	1.9	77
77	Retrograde Trafficking Inhibitor of Shiga Toxins Reduces Morbidity and Mortality of Mice Infected with Enterohemorrhagic <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5010-5013.	1.4	28
78	Targeted Shiga toxin-drug conjugates prepared via Cu-free click chemistry. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7150-7157.	1.4	13
79	Endophilin-A2 functions in membrane scission in clathrin-independent endocytosis. <i>Nature</i> , 2015, 517, 493-496.	13.7	276
80	Shiga toxin induces membrane reorganization and formation of long range lipid order. <i>Soft Matter</i> , 2015, 11, 186-192.	1.2	21
81	Abstract 2504: A therapeutic Her2-Neu cancer vaccine alone or in combination with anti-Her2 mAb inhibits tumor growth in HLA-A2 transgenic mice. , 2015, , .		0
82	Human breast cancer and lymph node metastases express Gb3 and can be targeted by STxB-vectorized chemotherapeutic compounds. <i>BMC Cancer</i> , 2014, 14, 916.	1.1	33
83	26. Bioactive enantiomers of Retro-2 derived compounds against ricin and Shiga toxins are (S)-N-methyl-dihydroquinazolinones. <i>Toxicon</i> , 2014, 91, 175.	0.8	2
84	Rab7 Is Functionally Required for Selective Cargo Sorting at the Early Endosome. <i>Traffic</i> , 2014, 15, 309-326.	1.3	62
85	Galectin-3 drives glycosphingolipid-dependent biogenesis of clathrin-independent carriers. <i>Nature Cell Biology</i> , 2014, 16, 592-603.	4.6	248
86	Bending "On the Rocks"--A Cocktail of Biophysical Modules to Build Endocytic Pathways. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016741-a016741.	2.3	66
87	Carbohydrate Conformation and Lipid Condensation in Monolayers Containing Glycosphingolipid Gb3: Influence of Acyl Chain Structure. <i>Biophysical Journal</i> , 2014, 107, 1146-1155.	0.2	28
88	Rab12 Localizes to Shiga Toxin-Induced Plasma Membrane Invaginations and Controls Toxin Transport. <i>Traffic</i> , 2014, 15, 772-787.	1.3	15
89	(S)-N-Methyl-dihydroquinazolinones are the Active Enantiomers of Retro-2 Derived Compounds against Toxins. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 94-97.	1.3	33
90	Vesicular and non-vesicular transport feed distinct glycosylation pathways in the Golgi. <i>Nature</i> , 2013, 501, 116-120.	13.7	136

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91	Human GII.4 norovirus VLP induces membrane invaginations on giant unilamellar vesicles containing secretor gene dependent α 1,2-fucosylated glycosphingolipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1840-1845.	1.4	53
92	The Legionella Effector RidL Inhibits Retrograde Trafficking to Promote Intracellular Replication. <i>Cell Host and Microbe</i> , 2013, 14, 38-50.	5.1	136
93	SNAP-Tagging the Retrograde Route. <i>Methods in Cell Biology</i> , 2013, 118, 139-155.	0.5	13
94	PD-1 ^{hi} Expressing Tumor-Infiltrating T Cells Are a Favorable Prognostic Biomarker in HPV-Associated Head and Neck Cancer. <i>Cancer Research</i> , 2013, 73, 128-138.	0.4	554
95	Mucosal Imprinting of Vaccine-Induced CD8 ⁺ T Cells Is Crucial to Inhibit the Growth of Mucosal Tumors. <i>Science Translational Medicine</i> , 2013, 5, 172ra20.	5.8	195
96	Development of potent small-molecule inhibitors of Shiga toxin. <i>Toxicon</i> , 2013, 75, 216-217.	0.8	0
97	Lipid phosphate phosphatase 3 participates in transport carrier formation and protein trafficking in the early secretory pathway. <i>Journal of Cell Science</i> , 2013, 126, 2641-55.	1.2	32
98	<i>N</i> -Methyl-dihydroquinazolinone Derivatives of Retro-2 with Enhanced Efficacy against Shiga Toxin. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3404-3413.	2.9	80
99	β III Spectrin Regulates the Structural Integrity and the Secretory Protein Transport of the Golgi Complex. <i>Journal of Biological Chemistry</i> , 2013, 288, 2157-2166.	1.6	19
100	Inhibitors of the Cellular Trafficking of Ricin. <i>Toxins</i> , 2012, 4, 15-27.	1.5	40
101	Galectin-3 Protein Regulates Mobility of N-cadherin and GM1 Ganglioside at Cell-Cell Junctions of Mammary Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 32940-32952.	1.6	83
102	The enemy within us: lessons from the 2011 European <i>Escherichia coli</i> O104:H4 outbreak. <i>EMBO Molecular Medicine</i> , 2012, 4, 841-848.	3.3	215
103	SNAP-tag Based Proteomics Approach for the Study of the Retrograde Route. <i>Traffic</i> , 2012, 13, 914-925.	1.3	15
104	Creating and Modulating Microdomains in Pore-Spanning Membranes. <i>ChemPhysChem</i> , 2012, 13, 108-114.	1.0	25
105	Abstract 5388: Local mucosal CD8 ⁺ T cell response is required to inhibit the growth of orthotopic head and neck and lung cancers. , 2012, , .		0
106	Cells Respond to Mechanical Stress by Rapid Disassembly of Caveolae. <i>Cell</i> , 2011, 144, 402-413.	13.5	791
107	Tumor Delivery of Ultrasound Contrast Agents Using Shiga Toxin B Subunit. <i>Molecular Imaging</i> , 2011, 10, 7290.2010.00030.	0.7	27
108	A CCR4 antagonist combined with vaccines induces antigen-specific CD8 ⁺ T cells and tumor immunity against self antigens. <i>Blood</i> , 2011, 118, 4853-4862.	0.6	144

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109	Endocytosis and toxicity of clostridial binary toxins depend on a clathrin-independent pathway regulated by Rho-GDI. <i>Cellular Microbiology</i> , 2011, 13, 154-170.	1.1	40
110	Retrograde Transport: Two (or More) Roads Diverged in an Endosomal Tree?. <i>Traffic</i> , 2011, 12, 956-962.	1.3	58
111	Tumor-Specific Targeting of Pancreatic Cancer with Shiga Toxin B-Subunit. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1918-1928.	1.9	49
112	The SNXy flavours of endosomal sorting. <i>Nature Cell Biology</i> , 2011, 13, 884-886.	4.6	26
113	The Dynamin Chemical Inhibitor Dynasore Impairs Cholesterol Trafficking and Sterol-Sensitive Genes Transcription in Human HeLa Cells and Macrophages. <i>PLoS ONE</i> , 2011, 6, e29042.	1.1	35
114	Abstract 752: A CCR4 antagonist combined with protein-or DNA-based vaccines efficiently breaks tolerance and elicits CD8+T cells directed against self and viral associated tumor antigens. , 2011, , .		0
115	Chemistry-based protein modification strategy for endocytic pathway analysis. <i>Biology of the Cell</i> , 2010, 102, 351-359.	0.7	4
116	Lipid Cosorting Mediated by Shiga Toxin Induced Tubulation. <i>Traffic</i> , 2010, 11, 1519-1529.	1.3	56
117	GM1 structure determines SV40-induced membrane invagination and infection. <i>Nature Cell Biology</i> , 2010, 12, 11-18.	4.6	535
118	Shiga toxins – from cell biology to biomedical applications. <i>Nature Reviews Microbiology</i> , 2010, 8, 105-116.	13.6	449
119	AGAP2 regulates retrograde transport between early endosomes and the TGN. <i>Journal of Cell Science</i> , 2010, 123, 2381-2390.	1.2	27
120	The clathrin heavy chain isoform CHC22 functions in a novel endosomal sorting step. <i>Journal of Cell Biology</i> , 2010, 188, 131-144.	2.3	56
121	Synthesis of Peptide-Protein Conjugates Using N-Succinimidyl Carbamate Chemistry. <i>Bioconjugate Chemistry</i> , 2010, 21, 219-228.	1.8	15
122	Actin Dynamics Drive Membrane Reorganization and Scission in Clathrin-Independent Endocytosis. <i>Cell</i> , 2010, 140, 540-553.	13.5	226
123	Inhibition of Retrograde Transport Protects Mice from Lethal Ricin Challenge. <i>Cell</i> , 2010, 141, 231-242.	13.5	258
124	Induced Domain Formation in Endocytic Invagination, Lipid Sorting, and Scission. <i>Cell</i> , 2010, 142, 507-510.	13.5	70
125	Lipid Reorganization Induced by Shiga Toxin Clustering on Planar Membranes. <i>PLoS ONE</i> , 2009, 4, e6238.	1.1	90
126	Palmitoylation of Interferon- β (IFN- β) Receptor Subunit IFNAR1 Is Required for the Activation of Stat1 and Stat2 by IFN- β . <i>Journal of Biological Chemistry</i> , 2009, 284, 24328-24340.	1.6	32

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127	Differential Effects of Depletion of ARL1 and ARFRP1 on Membrane Trafficking between the trans-Golgi Network and Endosomes. <i>Journal of Biological Chemistry</i> , 2009, 284, 10583-10592.	1.6	31
128	Analysis of Articulation Between Clathrin and Retromer in Retrograde Sorting on Early Endosomes. <i>Traffic</i> , 2009, 10, 1868-1880.	1.3	106
129	Passage through the Golgi is necessary for Shiga toxin B subunit to reach the endoplasmic reticulum. <i>FEBS Journal</i> , 2009, 276, 1581-1595.	2.2	21
130	Biodistribution and Tumor Targeting of Indium and Iodine-labeled Shiga Toxin B-Subunit. <i>Current Radiopharmaceuticals</i> , 2009, 2, 184-190.	0.3	3
131	Synthesis and Properties of a Mitochondrial Peripheral Benzodiazepine Receptor Conjugate. <i>ChemMedChem</i> , 2008, 3, 1687-1695.	1.6	17
132	Key role of receptor density in colloid/cell specific interaction: a quantitative biomimetic study on giant vesicles. <i>European Physical Journal E</i> , 2008, 26, 205-16.	0.7	17
133	Correlation between Shiga toxin B subunit stability and antigen crosspresentation: A mutational analysis. <i>FEBS Letters</i> , 2008, 582, 185-189.	1.3	3
134	Biophysical approaches to protein-induced membrane deformations in trafficking. <i>Current Opinion in Cell Biology</i> , 2008, 20, 476-482.	2.6	123
135	Intracellular trafficking of Shiga toxin B subunit functionalized spherulites. <i>Biology of the Cell</i> , 2008, 100, 717-728.	0.7	5
136	Specific adsorption of functionalized colloids at the surface of living cells: A quantitative kinetic analysis of the receptor-mediated binding. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 2450-2457.	1.4	14
137	Tracing the Retrograde Route in Protein Trafficking. <i>Cell</i> , 2008, 135, 1175-1187.	13.5	330
138	Retrograde Delivery of Photosensitizer (TPPp-O- β -GluOH) ₃ Selectively Potentiates Its Photodynamic Activity. <i>Bioconjugate Chemistry</i> , 2008, 19, 532-538.	1.8	37
139	Human colorectal tumors and metastases express Gb3 and can be targeted by an intestinal pathogen-based delivery tool. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 2498-2508.	1.9	77
140	The secretion inhibitor Exo2 perturbs trafficking of Shiga toxin between endosomes and the trans-Golgi network. <i>Biochemical Journal</i> , 2008, 414, 471-484.	1.7	50
141	In Vivo Tumor Targeting by the B-Subunit of Shiga Toxin. <i>Molecular Imaging</i> , 2008, 7, 7290.2008.00022.	0.7	38
142	In vivo tumor targeting by the B-subunit of shiga toxin. <i>Molecular Imaging</i> , 2008, 7, 239-47.	0.7	17
143	Distinct role of Rab3A and Rab3B in secretory activity of rat melanotrophs. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C98-C105.	2.1	28
144	The retromer complex and clathrin define an early endosomal retrograde exit site. <i>Journal of Cell Science</i> , 2007, 120, 2022-2031.	1.2	152

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145	The retromer component sorting nexin-1 is required for efficient retrograde transport of Shiga toxin from early endosome to the trans Golgi network. <i>Journal of Cell Science</i> , 2007, 120, 2010-2021.	1.2	117
146	Syntaxin 16 and syntaxin 5 are required for efficient retrograde transport of several exogenous and endogenous cargo proteins. <i>Journal of Cell Science</i> , 2007, 120, 1457-1468.	1.2	99
147	Shiga toxin B-subunit sequential binding to its natural receptor in lipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 628-636.	1.4	23
148	B Subunit of Shiga Toxin-Based Vaccines Synergize with β -Galactosylceramide to Break Tolerance against Self Antigen and Elicit Antiviral Immunity. <i>Journal of Immunology</i> , 2007, 179, 3371-3379.	0.4	55
149	Shiga Toxin-Mediated Retrograde Delivery of a Topoisomerase II Inhibitor Prodrug. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6469-6472.	7.2	76
150	Shiga toxin induces tubular membrane invaginations for its uptake into cells. <i>Nature</i> , 2007, 450, 670-675.	13.7	538
151	Measuring Retrograde Transport to the Trans Golgi Network. <i>Current Protocols in Cell Biology</i> , 2006, 32, Unit 15.10.	2.3	19
152	Shiga toxin B-subunit binds to the chaperone BiP and the nucleolar protein B23. <i>Biology of the Cell</i> , 2006, 98, 125-134.	0.7	42
153	Characterization of the non-native trifluoroethanol-induced intermediate conformational state of the Shiga toxin B-subunit. <i>Biochimie</i> , 2006, 88, 1199-1207.	1.3	7
154	Functionally different pools of Shiga toxin receptor, globotriaosyl ceramide, in HeLa cells. <i>FEBS Journal</i> , 2006, 273, 5205-5218.	2.2	43
155	Internalized Pseudomonas Exotoxin A can Exploit Multiple Pathways to Reach the Endoplasmic Reticulum. <i>Traffic</i> , 2006, 7, 379-393.	1.3	65
156	Rab6A and Rab6A ^{G2} GTPases Play Non-overlapping Roles in Membrane Trafficking. <i>Traffic</i> , 2006, 7, 394-407.	1.3	122
157	Trafficking of Shiga toxin/Shiga-like toxin-1 in human glomerular microvascular endothelial cells and human mesangial cells. <i>Kidney International</i> , 2006, 70, 2085-2091.	2.6	31
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