

Kirsten Sandvig

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171
papers

11,669
citations

56
h-index

105
g-index

176
ext. papers

12,979
ext. citations

6.9
avg, IF

6.6
L-index

#	Paper	IF	Citations
171	Endocytosis and intracellular transport of nanoparticles: Present knowledge and need for future studies. <i>Nano Today</i> , 2011 , 6, 176-185	17.9	930
170	Extraction of cholesterol with methyl-beta-cyclodextrin perturbs formation of clathrin-coated endocytic vesicles. <i>Molecular Biology of the Cell</i> , 1999 , 10, 961-74	3.5	826
169	Lipids in exosomes: Current knowledge and the way forward. <i>Progress in Lipid Research</i> , 2017 , 66, 30-41	14.3	495
168	Molecular lipidomics of exosomes released by PC-3 prostate cancer cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 1302-9	5	414
167	Retrograde transport of endocytosed Shiga toxin to the endoplasmic reticulum. <i>Nature</i> , 1992 , 358, 510-2	30.4	379
166	Internalization of cholera toxin by different endocytic mechanisms. <i>Journal of Cell Science</i> , 2001 , 114, 3737-3747	5.3	293
165	Caveolae: anchored, multifunctional platforms in the lipid ocean. <i>Trends in Cell Biology</i> , 2003 , 13, 92-100	18.3	241
164	Penetration of protein toxins into cells. <i>Current Opinion in Cell Biology</i> , 2000 , 12, 407-13	9	235
163	Exosomal lipid composition and the role of ether lipids and phosphoinositides in exosome biology. <i>Journal of Lipid Research</i> , 2019 , 60, 9-18	6.3	231
162	Dual mode of signal transduction by externally added acidic fibroblast growth factor. <i>Cell</i> , 1994 , 76, 1039-51	36.1	211
161	Membrane traffic exploited by protein toxins. <i>Annual Review of Cell and Developmental Biology</i> , 2002 , 18, 1-24	12.6	208
160	Transport of protein toxins into cells: pathways used by ricin, cholera toxin and Shiga toxin. <i>FEBS Letters</i> , 2002 , 529, 49-53	3.8	204
159	Membrane ruffling and macropinocytosis in A431 cells require cholesterol. <i>Journal of Cell Science</i> , 2002 , 115, 2953-2962	5.3	202
158	The ways of endocytosis. <i>International Review of Cytology</i> , 1989 , 117, 131-77		192
157	Clathrin-independent endocytosis: mechanisms and function. <i>Current Opinion in Cell Biology</i> , 2011 , 23, 413-20	9	184
156	Membrane ruffling and macropinocytosis in A431 cells require cholesterol. <i>Journal of Cell Science</i> , 2002 , 115, 2953-62	5.3	183
155	Molecular lipid species in urinary exosomes as potential prostate cancer biomarkers. <i>European Journal of Cancer</i> , 2017 , 70, 122-132	7.5	176

154	Furin-induced cleavage and activation of Shiga toxin. <i>Journal of Biological Chemistry</i> , 1995 , 270, 10817-21	5.4	161
153	Sequestration of epidermal growth factor receptors in non-caveolar lipid rafts inhibits ligand binding. <i>Journal of Biological Chemistry</i> , 2002 , 277, 18954-60	5.4	154
152	Shiga toxins. <i>Toxicon</i> , 2012 , 60, 1085-107	2.8	140
151	Identification of prostate cancer biomarkers in urinary exosomes. <i>Oncotarget</i> , 2015 , 6, 30357-76	3.3	138
150	Clathrin-independent endocytosis: from nonexisting to an extreme degree of complexity. <i>Histochemistry and Cell Biology</i> , 2008 , 129, 267-76	2.4	138
149	An emerging focus on lipids in extracellular vesicles. <i>Advanced Drug Delivery Reviews</i> , 2020 , 159, 308-321	18.5	134
148	Identification of non-invasive miRNAs biomarkers for prostate cancer by deep sequencing analysis of urinary exosomes. <i>Molecular Cancer</i> , 2017 , 16, 156	42.1	129
147	PIKfyve inhibition increases exosome release and induces secretory autophagy. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 4717-4737	10.3	127
146	Pathways followed by ricin and Shiga toxin into cells. <i>Histochemistry and Cell Biology</i> , 2002 , 117, 131-41	2.4	126
145	Cellular trafficking of quantum dot-ligand bioconjugates and their induction of changes in normal routing of unconjugated ligands. <i>Nano Letters</i> , 2008 , 8, 1858-65	11.5	125
144	Pathways followed by protein toxins into cells. <i>International Journal of Medical Microbiology</i> , 2004 , 293, 483-90	3.7	118
143	Regulation of exosome release by glycosphingolipids and flotillins. <i>FEBS Journal</i> , 2014 , 281, 2214-27	5.7	112
142	Expression of mutant dynamin inhibits toxicity and transport of endocytosed ricin to the Golgi apparatus. <i>Journal of Cell Biology</i> , 1998 , 140, 553-63	7.3	111
141	Efficient endosome-to-Golgi transport of Shiga toxin is dependent on dynamin and clathrin. <i>Journal of Cell Science</i> , 2004 , 117, 2321-31	5.3	110
140	Effect of temperature on the uptake, excretion and degradation of abrin and ricin by HeLa cells. <i>Experimental Cell Research</i> , 1979 , 121, 15-25	4.2	110
139	Endocytosis and retrograde transport of Shiga toxin. <i>Toxicon</i> , 2010 , 56, 1181-5	2.8	105
138	Toxin-induced cell lysis: protection by 3-methyladenine and cycloheximide. <i>Experimental Cell Research</i> , 1992 , 200, 253-62	4.2	100
137	Protein toxins from plants and bacteria: probes for intracellular transport and tools in medicine. <i>FEBS Letters</i> , 2010 , 584, 2626-34	3.8	97

136	Clathrin-independent endocytosis: an increasing degree of complexity. <i>Histochemistry and Cell Biology</i> , 2018 , 150, 107-118	2.4	95
135	Cellular internalization of cytolethal distending toxin: a new end to a known pathway. <i>Cellular Microbiology</i> , 2005 , 7, 921-34	3.9	91
134	Highly potent inhibitors of proprotein convertase furin as potential drugs for treatment of infectious diseases. <i>Journal of Biological Chemistry</i> , 2012 , 287, 21992-2003	5.4	86
133	Endosome to Golgi transport of ricin is regulated by cholesterol. <i>Molecular Biology of the Cell</i> , 2000 , 11, 4205-16	3.5	86
132	Shiga toxin and its use in targeted cancer therapy and imaging. <i>Microbial Biotechnology</i> , 2011 , 4, 32-46	6.3	81
131	Caveolae: stable membrane domains with a potential for internalization. <i>Traffic</i> , 2005 , 6, 720-4	5.7	81
130	Role for dynamin in late endosome dynamics and trafficking of the cation-independent mannose 6-phosphate receptor. <i>Molecular Biology of the Cell</i> , 2000 , 11, 481-95	3.5	80
129	Endocytosis without clathrin. <i>Trends in Cell Biology</i> , 1994 , 4, 275-7	18.3	74
128	Shiga toxin regulates its entry in a Syk-dependent manner. <i>Molecular Biology of the Cell</i> , 2006 , 17, 1096-109	3.9	73
127	Endosome to Golgi transport of ricin is independent of clathrin and of the Rab9- and Rab11-GTPases. <i>Molecular Biology of the Cell</i> , 2001 , 12, 2099-107	3.5	72
126	EDEM is involved in retrotranslocation of ricin from the endoplasmic reticulum to the cytosol. <i>Molecular Biology of the Cell</i> , 2006 , 17, 1664-75	3.5	71
125	Proteomic analysis of microvesicles released by the human prostate cancer cell line PC-3. <i>Molecular and Cellular Proteomics</i> , 2012 , 11, M111.012914	7.6	70
124	Retrograde transport of protein toxins through the Golgi apparatus. <i>Histochemistry and Cell Biology</i> , 2013 , 140, 317-26	2.4	68
123	Binding, uptake and degradation of the toxic proteins abrin and ricin by toxin-resistant cell variants. <i>FEBS Journal</i> , 1978 , 82, 13-23		67
122	Transport of ricin from endosomes to the Golgi apparatus is regulated by Rab6A and Rab6AR <i>Traffic</i> , 2006 , 7, 663-72	5.7	66
121	The ether lipid precursor hexadecylglycerol stimulates the release and changes the composition of exosomes derived from PC-3 cells. <i>Journal of Biological Chemistry</i> , 2015 , 290, 4225-37	5.4	65
120	Endocytosis and intracellular transport of ricin: recent discoveries. <i>FEBS Letters</i> , 1999 , 452, 67-70	3.8	65
119	Role of processing and intracellular transport for optimal toxicity of Shiga toxin and toxin mutants. <i>Experimental Cell Research</i> , 1995 , 218, 39-49	4.2	63

118	Lipid requirements for entry of protein toxins into cells. <i>Progress in Lipid Research</i> , 2014 , 54, 1-13	14.3	62
117	Interdigitation of long-chain sphingomyelin induces coupling of membrane leaflets in a cholesterol dependent manner. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 281-8	3.8	61
116	Sorting nexin 8 regulates endosome-to-Golgi transport. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 390, 109-14	3.4	58
115	Exosomal proteins as prostate cancer biomarkers in urine: From mass spectrometry discovery to immunoassay-based validation. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 98, 80-85	5.1	53
114	New metal-based nanoparticles for intravenous use: requirements for clinical success with focus on medical imaging. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010 , 6, 730-7	6	53
113	SNX1 and SNX2 mediate retrograde transport of Shiga toxin. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 358, 566-70	3.4	52
112	Glycosphingolipid requirements for endosome-to-Golgi transport of Shiga toxin. <i>Traffic</i> , 2009 , 10, 868-877	3.7	51
111	Novel Furin Inhibitors with Potent Anti-infectious Activity. <i>ChemMedChem</i> , 2015 , 10, 1218-31	3.7	50
110	Golgi vesiculation induced by cholesterol occurs by a dynamin- and cPLA2-dependent mechanism. <i>Traffic</i> , 2005 , 6, 144-56	5.7	50
109	Protein kinase Cdelta is activated by Shiga toxin and regulates its transport. <i>Journal of Biological Chemistry</i> , 2007 , 282, 16317-28	5.4	49
108	The Mitogen-activated protein kinase p38 links Shiga Toxin-dependent signaling and trafficking. <i>Molecular Biology of the Cell</i> , 2008 , 19, 95-104	3.5	48
107	Phosphoinositide-regulated retrograde transport of ricin: crosstalk between hVps34 and sorting nexins. <i>Traffic</i> , 2007 , 8, 297-309	5.7	48
106	Phorbol myristate acetate selectively stimulates apical endocytosis via protein kinase C in polarized MDCK cells. <i>Experimental Cell Research</i> , 1995 , 217, 157-68	4.2	48
105	Are caveolae involved in clathrin-independent endocytosis?. <i>Trends in Cell Biology</i> , 1993 , 3, 249-51	18.3	48
104	Uptake of ricinB-quantum dot nanoparticles by a macropinocytosis-like mechanism. <i>Journal of Nanobiotechnology</i> , 2012 , 10, 33	9.4	44
103	The A-subunit of surface-bound Shiga toxin stimulates clathrin-dependent uptake of the toxin. <i>FEBS Journal</i> , 2005 , 272, 4103-13	5.7	43
102	Inhibition of endocytosis from coated pits by acidification of the cytosol. <i>Journal of Cellular Biochemistry</i> , 1988 , 36, 73-81	4.7	43
101	Cell-penetrating peptides: possibilities and challenges for drug delivery in vitro and in vivo. <i>Molecules</i> , 2015 , 20, 13313-23	4.8	42

100	Clostridium botulinum C2 toxin is internalized by clathrin- and Rho-dependent mechanisms. <i>Cellular Microbiology</i> , 2010 , 12, 1809-20	3.9	40
99	Role of lipids in the retrograde pathway of ricin intoxication. <i>Traffic</i> , 2003 , 4, 544-52	5.7	38
98	Protection against Shiga Toxins. <i>Toxins</i> , 2017 , 9,	4.9	37
97	Interplay between toxin transport and flotillin localization. <i>PLoS ONE</i> , 2010 , 5, e8844	3.7	37
96	Induction of direct endosome to endoplasmic reticulum transport in Chinese hamster ovary (CHO) cells (LdlF) with a temperature-sensitive defect in epsilon-coatomer protein (epsilon-COP). <i>Journal of Biological Chemistry</i> , 2003 , 278, 35850-5	5.4	35
95	Cholesterol loading induces a block in the exit of VSVG from the TGN. <i>Traffic</i> , 2003 , 4, 772-84	5.7	35
94	Role of the disulfide bond in Shiga toxin A-chain for toxin entry into cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 11414-9	5.4	34
93	Clathrin- and dynamin-independent endocytosis of FGFR3--implications for signalling. <i>PLoS ONE</i> , 2011 , 6, e21708	3.7	33
92	Effect of potassium depletion of Hep 2 cells on intracellular pH and on chloride uptake by anion antiport. <i>Journal of Cellular Physiology</i> , 1987 , 131, 6-13	7	33
91	SNX4 in complex with clathrin and dynein: implications for endosome movement. <i>PLoS ONE</i> , 2009 , 4, e5935	3.7	33
90	Cell density-induced changes in lipid composition and intracellular trafficking. <i>Cellular and Molecular Life Sciences</i> , 2014 , 71, 1097-116	10.3	32
89	Shiga toxin increases formation of clathrin-coated pits through Syk kinase. <i>PLoS ONE</i> , 2010 , 5, e10944	3.7	32
88	The role of PS 18:0/18:1 in membrane function. <i>Nature Communications</i> , 2019 , 10, 2752	17.4	31
87	Reconstitution of clathrin-independent endocytosis at the apical domain of permeabilized MDCK II cells: requirement for a Rho-family GTPase. <i>Traffic</i> , 2001 , 2, 26-36	5.7	31
86	Effect of calmodulin antagonists on endocytosis and intracellular transport of ricin in polarized MDCK cells. <i>Experimental Cell Research</i> , 1996 , 227, 298-308	4.2	31
85	Antibody-mediated inhibition of ricin toxin retrograde transport. <i>MBio</i> , 2014 , 5, e00995	7.8	30
84	A single point mutation in ricin A-chain increases toxin degradation and inhibits EDEM1-dependent ER retrotranslocation. <i>Biochemical Journal</i> , 2011 , 436, 371-85	3.8	29
83	Intracellular Transport and Cytotoxicity of the Protein Toxin Ricin. <i>Toxins</i> , 2019 , 11,	4.9	28

82	Genetic blockage of endocytic pathways reveals differences in the intracellular processing of non-viral gene delivery systems. <i>Journal of Controlled Release</i> , 2012 , 163, 385-95	11.7	27
81	Neutralizing Monoclonal Antibodies against Disparate Epitopes on Ricin Toxin B Enzymatic Subunit Interfere with Intracellular Toxin Transport. <i>Scientific Reports</i> , 2016 , 6, 22721	4.9	26
80	Cytotoxicity of Poly(Alkyl Cyanoacrylate) Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	26
79	The Role of Lectin-Carbohydrate Interactions in the Regulation of ER-Associated Protein Degradation. <i>Molecules</i> , 2015 , 20, 9816-46	4.8	26
78	Development of nanoparticles for clinical use. <i>Nanomedicine</i> , 2014 , 9, 1295-9	5.6	25
77	Determining the Turnover of Glycosphingolipid Species by Stable-Isotope Tracer Lipidomics. <i>Journal of Molecular Biology</i> , 2016 , 428, 4856-4866	6.5	25
76	Drug-Loaded Photosensitizer-Chitosan Nanoparticles for Combinatorial Chemo- and Photodynamic-Therapy of Cancer. <i>Biomacromolecules</i> , 2020 , 21, 1489-1498	6.9	24
75	Ricin and Ricin-Containing Immunotoxins: Insights into Intracellular Transport and Mechanism of action in Vitro. <i>Antibodies</i> , 2013 , 2, 236-269	7	24
74	Effect of potassium depletion of cells on their sensitivity to diphtheria toxin and pseudomonas toxin. <i>Journal of Cellular Physiology</i> , 1985 , 124, 54-60	7	24
73	Selective regulation of the Rab9-independent transport of ricin to the Golgi apparatus by calcium. <i>Journal of Cell Science</i> , 2002 , 115, 3449-3456	5.3	24
72	Structural requirements for furin-induced cleavage and activation of Shiga toxin. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 357, 144-9	3.4	23
71	Selective regulation of the Rab9-independent transport of ricin to the Golgi apparatus by calcium. <i>Journal of Cell Science</i> , 2002 , 115, 3449-56	5.3	23
70	Depletion of sphingolipids facilitates endosome to Golgi transport of ricin. <i>Traffic</i> , 2006 , 7, 1243-53	5.7	22
69	The ether lipid precursor hexadecylglycerol causes major changes in the lipidome of HEp-2 cells. <i>PLoS ONE</i> , 2013 , 8, e75904	3.7	22
68	Cabazitaxel-loaded Poly(2-ethylbutyl cyanoacrylate) nanoparticles improve treatment efficacy in a patient derived breast cancer xenograft. <i>Journal of Controlled Release</i> , 2019 , 293, 183-192	11.7	22
67	Annexin A1 and A2: roles in retrograde trafficking of Shiga toxin. <i>PLoS ONE</i> , 2012 , 7, e40429	3.7	20
66	Derlin-dependent retrograde transport from endosomes to the Golgi apparatus. <i>Traffic</i> , 2011 , 12, 1417-31	3.7	20
65	Characterization of clathrin and Syk interaction upon Shiga toxin binding. <i>Cellular Signalling</i> , 2009 , 21, 1161-8	4.9	20

64	Regulation of ErbB2 localization and function in breast cancer cells by ERM proteins. <i>Oncotarget</i> , 2016 , 7, 25443-60	3.3	20
63	Inhibitors of intravesicular acidification protect against Shiga toxin in a pH-independent manner. <i>Traffic</i> , 2012 , 13, 443-54	5.7	19
62	Endosome-to-Golgi transport is regulated by protein kinase A type II alpha. <i>Journal of Biological Chemistry</i> , 2003 , 278, 1991-7	5.4	19
61	A Bispecific Antibody Promotes Aggregation of Ricin Toxin on Cell Surfaces and Alters Dynamics of Toxin Internalization and Trafficking. <i>PLoS ONE</i> , 2016 , 11, e0156893	3.7	19
60	The role of lipid species in membranes and cancer-related changes. <i>Cancer and Metastasis Reviews</i> , 2020 , 39, 343-360	9.6	17
59	Marasmius oreades agglutinin (MOA) is a chimerolectin with proteolytic activity. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 408, 405-10	3.4	17
58	Cross-linking of glycosphingolipids at the plasma membrane: consequences for intracellular signaling and traffic. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 1301-16	10.3	16
57	Interactions between abrus lectins and Sephadex particles possessing immobilized desialylated fetuin. Model studies of the interaction of lectins with cell surface receptors. <i>FEBS Journal</i> , 1978 , 88, 307-13		16
56	Small variations in nanoparticle structure dictate differential cellular stress responses and mode of cell death. <i>Nanotoxicology</i> , 2019 , 13, 761-782	5.3	16
55	A vital sugar code for ricin toxicity. <i>Cell Research</i> , 2017 , 27, 1351-1364	24.7	15
54	The ERM proteins ezrin and moesin regulate retrograde Shiga toxin transport. <i>Traffic</i> , 2013 , 14, 839-52	5.7	15
53	Data including GROMACS input files for atomistic molecular dynamics simulations of mixed, asymmetric bilayers including molecular topologies, equilibrated structures, and force field for lipids compatible with OPLS-AA parameters. <i>Data in Brief</i> , 2016 , 7, 1171-1174	1.2	15
52	Hydrophobicity of protein determinants influences the recognition of substrates by EDEM1 and EDEM2 in human cells. <i>BMC Cell Biology</i> , 2015 , 16, 1		14
51	The toxic lectin modeccin. <i>Methods in Enzymology</i> , 1982 , 83, 357-62	1.7	14
50	Cell density affects the binding of the toxic lectin abrin to HeLa cells in monolayer cultures. <i>FEBS Letters</i> , 1978 , 89, 233-6	3.8	14
49	The anti-tumor drug 2-hydroxyoleic acid (Minerval) stimulates signaling and retrograde transport. <i>Oncotarget</i> , 2016 , 7, 86871-86888	3.3	14
48	Flotillin depletion affects ErbB protein levels in different human breast cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 1987-96	4.9	13
47	Toll-like receptor 4 facilitates binding of Shiga toxin to colon carcinoma and primary umbilical vein endothelial cells. <i>FEMS Immunology and Medical Microbiology</i> , 2011 , 61, 63-75		13

46	Polyunsaturated fatty acids regulate Shiga toxin transport. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 364, 283-8	3.4	13
45	Paclitaxel-loaded biodegradable ROS-sensitive nanoparticles for cancer therapy. <i>International Journal of Nanomedicine</i> , 2019 , 14, 6269-6285	7.3	12
44	The role of EDEM2 compared with EDEM1 in ricin transport from the endoplasmic reticulum to the cytosol. <i>Biochemical Journal</i> , 2014 , 457, 485-96	3.8	12
43	The ether lipid precursor hexadecylglycerol protects against Shiga toxins. <i>Cellular and Molecular Life Sciences</i> , 2014 , 71, 4285-300	10.3	12
42	The fungal chimerolectin MOA inhibits protein and DNA synthesis in NIH/3T3 cells and may induce BAX-mediated apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 447, 586-9	3.4	12
41	Novel actions of 2-deoxy-D-glucose: protection against Shiga toxins and changes in cellular lipids. <i>Biochemical Journal</i> , 2015 , 470, 23-37	3.8	12
40	Apical macropinocytosis in polarized MDCK cells: regulation by N-ethylmaleimide-sensitive proteins. <i>European Journal of Cell Biology</i> , 2000 , 79, 447-57	6.1	12
39	Biological response and cytotoxicity induced by lipid nanocapsules. <i>Journal of Nanobiotechnology</i> , 2020 , 18, 5	9.4	12
38	Arrestins attenuate p38-mediated endosome to Golgi transport. <i>Cellular Microbiology</i> , 2009 , 11, 796-803	3.9	11
37	Transport of nanoparticles across the endothelial cell layer. <i>Nano Today</i> , 2021 , 36, 101029	17.9	11
36	Exogenous lysophospholipids with large head groups perturb clathrin-mediated endocytosis. <i>Traffic</i> , 2017 , 18, 176-191	5.7	9
35	Addition of lysophospholipids with large head groups to cells inhibits Shiga toxin binding. <i>Scientific Reports</i> , 2016 , 6, 30336	4.9	9
34	BiP negatively affects ricin transport. <i>Toxins</i> , 2013 , 5, 969-82	4.9	9
33	Diphtheria toxin translocation across cellular membranes is regulated by sphingolipids. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 329, 465-73	3.4	9
32	Ceramide-containing liposomes with doxorubicin: time and cell-dependent effect of C6 and C12 ceramide. <i>Oncotarget</i> , 2017 , 8, 76921-76934	3.3	9
31	The Intracellular Journey of Shiga Toxins. <i>The Open Toxinology Journal</i> , 2010 , 3, 3-12		9
30	Transport of apically but not basolaterally internalized ricin to the Golgi apparatus is stimulated by 8-Br-cAMP in MDCK cells. <i>FEBS Letters</i> , 1998 , 431, 200-4	3.8	8
29	Ligand-specific induction of endocytosis in taste receptor cells. <i>Journal of Experimental Biology</i> , 2009 , 212, 42-9	3	6

28	The Shiga toxins: properties and action on cells 2006 , 310-322		6
27	Transport of Toxins across Intracellular Membranes 157-172		6
26	Polyporus squamosus Lectin 1a (PSL1a) Exhibits Cytotoxicity in Mammalian Cells by Disruption of Focal Adhesions, Inhibition of Protein Synthesis and Induction of Apoptosis. <i>PLoS ONE</i> , 2017 , 12, e0170737	3.7	6
25	Benzyl alcohol induces a reversible fragmentation of the Golgi apparatus and inhibits membrane trafficking between endosomes and the trans-Golgi network. <i>Experimental Cell Research</i> , 2017 , 357, 67-78	4.8 ²	5
24	Role of phospholipase A(2) in retrograde transport of ricin. <i>Toxins</i> , 2011 , 3, 1203-19	4.9	5
23	Structural Variants of poly(alkylcyanoacrylate) Nanoparticles Differentially Affect LC3 and Autophagic Cargo Degradation. <i>Journal of Biomedical Nanotechnology</i> , 2020 , 16, 432-445	4	4
22	Cellular effects of fluorodeoxyglucose: Global changes in the lipidome and alteration in intracellular transport. <i>Oncotarget</i> , 2016 , 7, 79885-79900	3.3	4
21	Biodistribution of Poly(alkyl cyanoacrylate) Nanoparticles in Mice and Effect on Tumor Infiltration of Macrophages into a Patient-Derived Breast Cancer Xenograft. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
20	Mechanism of cellular uptake and cytotoxicity of paclitaxel loaded lipid nanocapsules in breast cancer cells. <i>International Journal of Pharmaceutics</i> , 2021 , 597, 120217	6.5	4
19	Vps11, a subunit of the tethering complexes HOPS and CORVET, is involved in regulation of glycolipid degradation and retrograde toxin transport. <i>Communicative and Integrative Biology</i> , 2014 , 7, e28129	1.7	3
18	Reconstitution of active diphtheria toxin based on a hexahistidine tagged version of the B-fragment produced to high yields in bacteria. <i>Toxicon</i> , 2005 , 46, 900-6	2.8	3
17	Shiga toxins and their mechanisms of cell entry. <i>Topics in Current Genetics</i> , 2004 , 35-53		3
16	Geldanamycin Enhances Retrograde Transport of Shiga Toxin in HEP-2 Cells. <i>PLoS ONE</i> , 2015 , 10, e0129214	3.7	3
15	Diacylglycerol kinase and phospholipase D inhibitors alter the cellular lipidome and endosomal sorting towards the Golgi apparatus. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 985-1009	10.3	3
14	The Protein Toxins Ricin and Shiga Toxin as Tools to Explore Cellular Mechanisms of Internalization and Intracellular Transport. <i>Toxins</i> , 2021 , 13,	4.9	3
13	Different roles of the C-terminal end of Stx1A and Stx2A for AB5 complex integrity and retrograde transport of Stx in HeLa cells. <i>Pathogens and Disease</i> , 2015 , 73, ftv083	4.2	2
12	Quantum dot bioconjugates: uptake into cells and induction of changes in normal cellular transport 2009 ,		2
11	Structural Analysis of Toxin-Neutralizing, Single-Domain Antibodies that Bridge Ricin's A-B Subunit Interface. <i>Journal of Molecular Biology</i> , 2021 , 433, 167086	6.5	2

10	Shiga toxins 2015 , 267-286		1
9	Endocytosis and Intracellular Trafficking of Quantum Dot Ligand Bioconjugates 2010 , 55-72		1
8	The Role of Caveolae and Noncaveolar Rafts in Endocytosis 2006 , 69-89		1
7	The alkyl side chain of PACA nanoparticles dictates the impact on cellular stress responses and the mode of particle-induced cell death		1
6	Cabazitaxel-loaded poly(alkyl cyanoacrylate) nanoparticles: toxicity and changes in the proteome of breast, colon and prostate cancer cells. <i>Nanotoxicology</i> , 2021 , 15, 865-884	5.3	1
5	Need for more focus on lipid species in studies of biological and model membranes.. <i>Progress in Lipid Research</i> , 2022 , 101160	14.3	1
4	Biodistribution, pharmacokinetics and excretion studies of intravenously injected nanoparticles and extracellular vesicles: Possibilities and challenges.. <i>Advanced Drug Delivery Reviews</i> , 2022 , 114326	18.5	1
3	Mass spectrometry-based measurements of cyclic adenosine monophosphate in cells, simplified using reversed phase liquid chromatography with a polar characterized stationary phase. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1160, 122384	3.2	0
2	Entry of Shiga toxin into cells. <i>Toxicology Letters</i> , 2009 , 189, S20	4.4	
1	Modulation of Ricin Intoxication by the Autophagy Inhibitor EACC. <i>Toxins</i> , 2022 , 14, 360	4.9	