

Tore Skotland

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67 papers	4,187 citations	26 h-index	64 g-index
70 ext. papers	5,044 ext. citations	6.5 avg, IF	6.13 L-index

#	Paper	IF	Citations
67	Endocytosis and intracellular transport of nanoparticles: Present knowledge and need for future studies. <i>Nano Today</i> , 2011 , 6, 176-185	17.9	930
66	Lipids in exosomes: Current knowledge and the way forward. <i>Progress in Lipid Research</i> , 2017 , 66, 30-41	14.3	495
65	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
64	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
63	Clathrin-independent endocytosis: mechanisms and function. <i>Current Opinion in Cell Biology</i> , 2011 , 23, 413-20	9	184
62	Molecular lipid species in urinary exosomes as potential prostate cancer biomarkers. <i>European Journal of Cancer</i> , 2017 , 70, 122-132	7.5	176
61	Shiga toxins. <i>Toxicon</i> , 2012 , 60, 1085-107	2.8	140
60	Identification of prostate cancer biomarkers in urinary exosomes. <i>Oncotarget</i> , 2015 , 6, 30357-76	3.3	138
59	An emerging focus on lipids in extracellular vesicles. <i>Advanced Drug Delivery Reviews</i> , 2020 , 159, 308-321	18.5	134
58	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
57	Clathrin-independent endocytosis: an increasing degree of complexity. <i>Histochemistry and Cell Biology</i> , 2018 , 150, 107-118	2.4	95
56	Shiga toxin and its use in targeted cancer therapy and imaging. <i>Microbial Biotechnology</i> , 2011 , 4, 32-46	6.3	81
55	Retrograde transport of protein toxins through the Golgi apparatus. <i>Histochemistry and Cell Biology</i> , 2013 , 140, 317-26	2.4	68
54	In vitro stability analyses as a model for metabolism of ferromagnetic particles (Clariscan), a contrast agent for magnetic resonance imaging. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 28, 323-9	3.5	66
53	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
52	Lipid requirements for entry of protein toxins into cells. <i>Progress in Lipid Research</i> , 2014 , 54, 1-13	14.3	62
51	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

50	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
49	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
48	Glycosphingolipid requirements for endosome-to-Golgi transport of Shiga toxin. <i>Traffic</i> , 2009 , 10, 868-877	3.7	51
47	Molecular imaging: challenges of bringing imaging of intracellular targets into common clinical use. <i>Contrast Media and Molecular Imaging</i> , 2012 , 7, 1-6	3.2	45
46	Cell-penetrating peptides: possibilities and challenges for drug delivery in vitro and in vivo. <i>Molecules</i> , 2015 , 20, 13313-23	4.8	42
45	Protection against Shiga Toxins. <i>Toxins</i> , 2017 , 9,	4.9	37
44	The Interplay Between Blood Proteins, Complement, and Macrophages on Nanomedicine Performance and Responses. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019 , 370, 581-592	4.7	35
43	Cell density-induced changes in lipid composition and intracellular trafficking. <i>Cellular and Molecular Life Sciences</i> , 2014 , 71, 1097-116	10.3	32
42	The role of PS 18:0/18:1 in membrane function. <i>Nature Communications</i> , 2019 , 10, 2752	17.4	31
41	Cytotoxicity of Poly(Alkyl Cyanoacrylate) Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	26
40	Development of nanoparticles for clinical use. <i>Nanomedicine</i> , 2014 , 9, 1295-9	5.6	25
39	Determining the Turnover of Glycosphingolipid Species by Stable-Isotope Tracer Lipidomics. <i>Journal of Molecular Biology</i> , 2016 , 428, 4856-4866	6.5	25
38	Drug-Loaded Photosensitizer-Chitosan Nanoparticles for Combinatorial Chemo- and Photodynamic-Therapy of Cancer. <i>Biomacromolecules</i> , 2020 , 21, 1489-1498	6.9	24
37	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
36	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
35	The role of lipid species in membranes and cancer-related changes. <i>Cancer and Metastasis Reviews</i> , 2020 , 39, 343-360	9.6	17
34	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
33	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

32	The anti-tumor drug 2-hydroxyoleic acid (Minerval) stimulates signaling and retrograde transport. <i>Oncotarget</i> , 2016 , 7, 86871-86888	3.3	14
31	Nc100668, a new tracer for imaging of venous thromboembolism: disposition and metabolism in rats. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 111-20	4	13
30	Paclitaxel-loaded biodegradable ROS-sensitive nanoparticles for cancer therapy. <i>International Journal of Nanomedicine</i> , 2019 , 14, 6269-6285	7.3	12
29	The ether lipid precursor hexadecylglycerol protects against Shiga toxins. <i>Cellular and Molecular Life Sciences</i> , 2014 , 71, 4285-300	10.3	12
28	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
27	Biological response and cytotoxicity induced by lipid nanocapsules. <i>Journal of Nanobiotechnology</i> , 2020 , 18, 5	9.4	12
26	Transport of nanoparticles across the endothelial cell layer. <i>Nano Today</i> , 2021 , 36, 101029	17.9	11
25	Exogenous lysophospholipids with large head groups perturb clathrin-mediated endocytosis. <i>Traffic</i> , 2017 , 18, 176-191	5.7	9
24	Injection of nanoparticles into cloven-hoof animals: Asking for trouble. <i>Theranostics</i> , 2017 , 7, 4877-4878	12.1	9
23	Addition of lysophospholipids with large head groups to cells inhibits Shiga toxin binding. <i>Scientific Reports</i> , 2016 , 6, 30336	4.9	9
22	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
21	Doping and drug testing: Anti-doping work must be transparent and adhere to good scientific practices to ensure public trust. <i>EMBO Reports</i> , 2017 , 18, 351-354	6.5	6
20	Whole-body section fluorescence imaging--a novel method for tissue distribution studies of fluorescent substances. <i>Contrast Media and Molecular Imaging</i> , 2009 , 4, 73-80	3.2	6
19	Changes of protein solutions during storage: a study of albumin pharmaceutical preparations. <i>Biotechnology and Applied Biochemistry</i> , 2010 , 55, 121-30	2.8	6
18	NC100668, a new tracer tested for imaging of venous thromboembolism: pharmacokinetics and metabolism in humans. <i>Drug Metabolism and Disposition</i> , 2007 , 35, 1979-84	4	5
17	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
16	Cellular effects of fluorodeoxyglucose: Global changes in the lipidome and alteration in intracellular transport. <i>Oncotarget</i> , 2016 , 7, 79885-79900	3.3	4
15	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

14	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
13	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
12	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
11	Improving scientific practice in sports-associated drug testing. <i>FEBS Journal</i> , 2019 , 286, 2664-2669	5.7	2
10	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
9	Physicochemical Characterization, Toxicity and Biodistribution Studies of a Discoidal, Lipid-Based Drug Delivery Vehicle: Lipodisq Nanoparticles Containing Doxorubicin. <i>Journal of Biomedical Nanotechnology</i> , 2020 , 16, 419-431	4	2
8	Shiga toxins 2015 , 267-286		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	Are doping tests in sports trustworthy?: Athletes suffer from insufficiently defined criteria for doping tests: Athletes suffer from insufficiently defined criteria for doping tests.. <i>EMBO Reports</i> , 2022 , e54431	6.5	1
4	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
3	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
2	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
1	Modulation of Ricin Intoxication by the Autophagy Inhibitor EACC. <i>Toxins</i> , 2022 , 14, 360	4.9	