Margaret N Holme

List of Publications by Year
in descending order

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27	1,618	759233 12	552781 26
papers	citations	h-index	g-index

29	29	29	3010
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Re-Engineering Extracellular Vesicles as Smart Nanoscale Therapeutics. ACS Nano, 2017, 11, 69-83.	14.6	432
2	Cubosomes: The Next Generation of Smart Lipid Nanoparticles?. Angewandte Chemie - International Edition, 2019, 58, 2958-2978.	13.8	313
3	Shear-stress sensitive lenticular vesicles for targeted drug delivery. Nature Nanotechnology, 2012, 7, 536-543.	31.5	248
4	Physical stimuli-responsive vesicles in drug delivery: Beyond liposomes and polymersomes. Advanced Drug Delivery Reviews, 2019, 138, 259-275.	13.7	146
5	Identification of storage conditions stabilizing extracellular vesicles preparations. Journal of Extracellular Vesicles, 2022, 11, .	12.2	91
6	Delivery of Oligonucleotide Therapeutics: Chemical Modifications, Lipid Nanoparticles, and Extracellular Vesicles. ACS Nano, 2021, 15, 13993-14021.	14.6	74
7	Effect of Formulation Method, Lipid Composition, and PEGylation on Vesicle Lamellarity: A Small-Angle Neutron Scattering Study. Langmuir, 2019, 35, 6064-6074.	3.5	69
8	Complementary X-ray tomography techniques for histology-validated 3D imaging of soft and hard tissues using plaque-containing blood vessels as examples. Nature Protocols, 2014, 9, 1401-1415.	12.0	55
9	A Robust Liposomal Platform for Direct Colorimetric Detection of Sphingomyelinase Enzyme and Inhibitors. ACS Nano, 2018, 12, 8197-8207.	14.6	35
10	Advances in high-resolution microscopy for the study of intracellular interactions with biomaterials. Biomaterials, 2020, 226, 119406.	11.4	30
11	Controlled Dendrimersome Nanoreactor System for Localized Hypochlorite-Induced Killing of Bacteria. ACS Nano, 2020, 14, 17333-17353.	14.6	29
12	Fate of Liposomes in the Presence of Phospholipase C and D: From Atomic to Supramolecular Lipid Arrangement. ACS Central Science, 2018, 4, 1023-1030.	11.3	18
13	Cubosomen: die nÃchste Generation intelligenter Lipidâ€Nanopartikel?. Angewandte Chemie, 2019, 131, 2984-3006.	2.0	11
14	Gold Nanocluster Extracellular Vesicle Supraparticles: Self-Assembled Nanostructures for Three-Dimensional Uptake Visualization. Langmuir, 2020, 36, 3912-3923.	3.5	11
15	Coupling Lipid Nanoparticle Structure and Automated Singleâ€Particle Composition Analysis to Design Phospholipaseâ€Responsive Nanocarriers. Advanced Materials, 2022, 34, e2200839.	21.0	10
16	Potent Virustatic Polymerâ€“Lipid Nanomimics Block Viral Entry and Inhibit Malaria Parasites In Vivo. ACS Central Science, 2022, 8, 1238-1257.	11.3	9
17	Novel endosomolytic compounds enable highly potent delivery of antisense oligonucleotides. Communications Biology, 2022, 5, 185.	4.4	7
18	Morphology of atherosclerotic coronary arteries. Proceedings of SPIE, 2012, , .	0.8	6

#	Article	IF	Citations
19	Grating-based tomography of human tissues. AIP Conference Proceedings, 2012, , .	0.4	5
20	Putting the 'P' into Phospholipids. Chimia, 2011, 65, 859.	0.6	4
21	Design of Lipid-Based Nanocarriers via Cation Modulation of Ethanol-Interdigitated Lipid Membranes. Langmuir, 2021, 37, 11909-11921.	3.5	4
22	Grating interferometry-based phase microtomography of atherosclerotic human arteries. Proceedings of SPIE, 2014, , .	0.8	3
23	Peptide-Folding Triggered Phase Separation and Lipid Membrane Destabilization in Cholesterol-Rich Lipid Vesicles. Bioconjugate Chemistry, 2022, 33, 736-746.	3.6	3
24	Shear Stress as Drug Delivery Trigger. Chimia, 2012, 66, 715.	0.6	1
25	X-ray microscopy of soft and hard human tissues. AIP Conference Proceedings, 2016, , .	0.4	1
26	Histology-validated x-ray tomography for imaging human coronary arteries. Proceedings of SPIE, 2016, , .	0.8	0
27	Imaging tissues for biomedical research using the high-resolution micro-tomography system nanotomÂ® m. Proceedings of SPIE, 2016, , .	0.8	0