

Margaret N Holme

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,618
citations

759233

12
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

3010
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel endosomolytic compounds enable highly potent delivery of antisense oligonucleotides. <i>Communications Biology</i> , 2022, 5, 185.	4.4	7
2	Coupling Lipid Nanoparticle Structure and Automated Single-Particle Composition Analysis to Design Phospholipase-Responsive Nanocarriers. <i>Advanced Materials</i> , 2022, 34, e2200839.	21.0	10
3	Peptide-Folding Triggered Phase Separation and Lipid Membrane Destabilization in Cholesterol-Rich Lipid Vesicles. <i>Bioconjugate Chemistry</i> , 2022, 33, 736-746.	3.6	3
4	Potent Virustatic Polymer-Lipid Nanomimics Block Viral Entry and Inhibit Malaria Parasites In Vivo. <i>ACS Central Science</i> , 2022, 8, 1238-1257.	11.3	9
5	Identification of storage conditions stabilizing extracellular vesicles preparations. <i>Journal of Extracellular Vesicles</i> , 2022, 11, .	12.2	91
6	Design of Lipid-Based Nanocarriers via Cation Modulation of Ethanol-Interdigitated Lipid Membranes. <i>Langmuir</i> , 2021, 37, 11909-11921.	3.5	4
7	Delivery of Oligonucleotide Therapeutics: Chemical Modifications, Lipid Nanoparticles, and Extracellular Vesicles. <i>ACS Nano</i> , 2021, 15, 13993-14021.	14.6	74
8	Advances in high-resolution microscopy for the study of intracellular interactions with biomaterials. <i>Biomaterials</i> , 2020, 226, 119406.	11.4	30
9	Controlled Dendrimersome Nanoreactor System for Localized Hypochlorite-Induced Killing of Bacteria. <i>ACS Nano</i> , 2020, 14, 17333-17353.	14.6	29
10	Gold Nanocluster Extracellular Vesicle Supraparticles: Self-Assembled Nanostructures for Three-Dimensional Uptake Visualization. <i>Langmuir</i> , 2020, 36, 3912-3923.	3.5	11
11	Cubosomen: die nächste Generation intelligenter Lipid-Nanopartikel?. <i>Angewandte Chemie</i> , 2019, 131, 2984-3006.	2.0	11
12	Effect of Formulation Method, Lipid Composition, and PEGylation on Vesicle Lamellarity: A Small-Angle Neutron Scattering Study. <i>Langmuir</i> , 2019, 35, 6064-6074.	3.5	69
13	Physical stimuli-responsive vesicles in drug delivery: Beyond liposomes and polymersomes. <i>Advanced Drug Delivery Reviews</i> , 2019, 138, 259-275.	13.7	146
14	Cubosomes: The Next Generation of Smart Lipid Nanoparticles?. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2958-2978.	13.8	313
15	A Robust Liposomal Platform for Direct Colorimetric Detection of Sphingomyelinase Enzyme and Inhibitors. <i>ACS Nano</i> , 2018, 12, 8197-8207.	14.6	35
16	Fate of Liposomes in the Presence of Phospholipase C and D: From Atomic to Supramolecular Lipid Arrangement. <i>ACS Central Science</i> , 2018, 4, 1023-1030.	11.3	18
17	Re-Engineering Extracellular Vesicles as Smart Nanoscale Therapeutics. <i>ACS Nano</i> , 2017, 11, 69-83.	14.6	432
18	X-ray microscopy of soft and hard human tissues. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	1

#	ARTICLE	IF	CITATIONS
19	Histology-validated x-ray tomography for imaging human coronary arteries. Proceedings of SPIE, 2016, , .	0.8	0
20	Imaging tissues for biomedical research using the high-resolution micro-tomography system nanotomÅ® m. Proceedings of SPIE, 2016, , .	0.8	0
21	Grating interferometry-based phase microtomography of atherosclerotic human arteries. Proceedings of SPIE, 2014, , .	0.8	3
22	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
23	Grating-based tomography of human tissues. AIP Conference Proceedings, 2012, , .	0.4	5
24	Morphology of atherosclerotic coronary arteries. Proceedings of SPIE, 2012, , .	0.8	6
25	Shear Stress as Drug Delivery Trigger. Chimia, 2012, 66, 715.	0.6	1
26	Shear-stress sensitive lenticular vesicles for targeted drug delivery. Nature Nanotechnology, 2012, 7, 536-543.	31.5	248
27	Putting the 'P' into Phospholipids. Chimia, 2011, 65, 859.	0.6	4