Melani Anita Solomon

List of Publications by Year
in descending order

22 papers	432 citations	759233 12 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	802 citing authors

#	Article	IF	Citations
1	Comparison between Nanoparticle Encapsulation and Surface Loading for Lysosomal Enzyme Replacement Therapy. International Journal of Molecular Sciences, 2022, 23, 4034.	4.1	7
2	A method to improve quantitative radiotracingâ€based analysis of the in vivo biodistribution of drug carriers. Bioengineering and Translational Medicine, 2021, 6, e10208.	7.1	4
3	Intracellular Delivery of Active Proteins by Polyphosphazene Polymers. Pharmaceutics, 2021, 13, 249.	4.5	9
4	Intertwined mechanisms define transport of anti-ICAM nanocarriers across the endothelium and brain delivery of a therapeutic enzyme. Journal of Controlled Release, 2020, 324, 181-193.	9.9	14
5	<i>Î´</i>-Tocopherol Effect on Endocytosis and Its Combination with Enzyme Replacement Therapy for Lysosomal Disorders: A New Type of Drug Interaction?. Journal of Pharmacology and Experimental Therapeutics, 2019, 370, 823-833.	2.5	6
6	Nanomechanical Analysis of Extracellular Matrix and Cells in Multicellular Spheroids. Cellular and Molecular Bioengineering, 2019, 12, 203-214.	2.1	19
7	Unprecedently high targeting specificity toward lung ICAM-1 using 3DNA nanocarriers. Journal of Controlled Release, 2019, 305, 41-49.	9.9	19
8	Dynamic and Depth Dependent Nanomechanical Properties of Dorsal Ruffles in Live Cells and Biopolymeric Hydrogels. Journal of Nanoscience and Nanotechnology, 2018, 18, 1557-1567.	0.9	2
9	Lysosomal enzyme replacement therapies: Historical development, clinical outcomes, and future perspectives. Advanced Drug Delivery Reviews, 2017, 118, 109-134.	13.7	107
10	Enhanced Delivery and Effects of Acid Sphingomyelinase by ICAM-1-Targeted Nanocarriers in Type B Niemann-Pick Disease Mice. Molecular Therapy, 2017, 25, 1686-1696.	8.2	27
11	Identification of psychosine-reducing small molecule agents for Krabbe disease. Molecular Genetics and Metabolism, 2017, 120, S90.	1.1	0
12	Co-coating of receptor-targeted drug nanocarriers with anti-phagocytic moieties enhances specific tissue uptake versus non-specific phagocytic clearance. Biomaterials, 2017, 147, 14-25.	11.4	26
13	Determination of the Subcellular Distribution of Liposomes Using Confocal Microscopy. Methods in Molecular Biology, 2017, 1522, 119-130.	0.9	2
14	Cellâ€based highâ€throughput screening identifies galactocerebrosidase enhancers as potential smallâ€molecule therapies for <scp>K</scp>rabbe's disease. Journal of Neuroscience Research, 2016, 94, 1231-1245.	2.9	2
15	Development of an <i>in vitro</i> tumor spheroid culture model amenable to high-throughput testing of potential anticancer nanotherapeutics. Journal of Liposome Research, 2016, 26, 246-260.	3.3	25
16	Screen and identification of small molecules therapies to reduce elevated psychosine levels in globoid-cell leukodystrophy. Molecular Genetics and Metabolism, 2016, 117, S76-S77.	1.1	0
17	A Comparative Study on the Alterations of Endocytic Pathways in Multiple Lysosomal Storage Disorders. Molecular Pharmaceutics, 2016, 13, 357-368.	4.6	36
18	Hydrophobized triphenyl phosphonium derivatives for the preparation of mitochondriotropic liposomes: choice of hydrophobic anchor influences cytotoxicity but not mitochondriotropic effect. Journal of Liposome Research, 2016, 26, 21-27.	3.3	17

#	Article	IF	Citations
19	Early axonal loss accompanied by impaired endocytosis, abnormal axonal transport, and decreased microtubule stability occur in the model of Krabbe's disease. Neurobiology of Disease, 2014, 66, 92-103.	4.4	55
20	In Vitro assessment of the utility of stearyl triphenyl phosphonium modified liposomes in overcoming the resistance of ovarian carcinoma Ovcar-3 cells to paclitaxel. Mitochondrion, 2013, 13, 464-472.	3.4	32
21	Recent progress in the therapeutic applications of nanotechnology. Current Opinion in Pediatrics, 2011, 23, 215-220.	2.0	18
22	Approaches to Achieving Sub-cellular Targeting of Bioactives Using Pharmaceutical Nanocarriers. Fundamental Biomedical Technologies, 2011, , 57-72.	0.2	5