Melani Anita Solomon

List of Publications by Year
in descending order

22	432	759233 12	752698 20
papers	citations	h-index	g-index

22	22	22	802
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lysosomal enzyme replacement therapies: Historical development, clinical outcomes, and future perspectives. Advanced Drug Delivery Reviews, 2017, 118, 109-134.	13.7	107
2	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
3	A Comparative Study on the Alterations of Endocytic Pathways in Multiple Lysosomal Storage Disorders. Molecular Pharmaceutics, 2016, 13, 357-368.	4.6	36
4	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
5	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
6	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
7	Development of an in vitro tumor spheroid culture model amenable to high-throughput testing of potential anticancer nanotherapeutics. Journal of Liposome Research, 2016, 26, 246-260.	3.3	25
8	Nanomechanical Analysis of Extracellular Matrix and Cells in Multicellular Spheroids. Cellular and Molecular Bioengineering, 2019, 12, 203-214.	2.1	19
9	Unprecedently high targeting specificity toward lung ICAM-1 using 3DNA nanocarriers. Journal of Controlled Release, 2019, 305, 41-49.	9.9	19
10	Recent progress in the therapeutic applications of nanotechnology. Current Opinion in Pediatrics, 2011, 23, 215-220.	2.0	18
11	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
12	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
13	Intracellular Delivery of Active Proteins by Polyphosphazene Polymers. Pharmaceutics, 2021, 13, 249.	4.5	9
14	Comparison between Nanoparticle Encapsulation and Surface Loading for Lysosomal Enzyme Replacement Therapy. International Journal of Molecular Sciences, 2022, 23, 4034.	4.1	7
15	Î´-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
16	Approaches to Achieving Sub-cellular Targeting of Bioactives Using Pharmaceutical Nanocarriers. Fundamental Biomedical Technologies, 2011, , 57-72.	0.2	5
17	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
18	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

#	Article	IF	Citations
19	Determination of the Subcellular Distribution of Liposomes Using Confocal Microscopy. Methods in Molecular Biology, 2017, 1522, 119-130.	0.9	2
20	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
21	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
22	Identification of psychosine-reducing small molecule agents for Krabbe disease. Molecular Genetics and Metabolism, 2017, 120, S90.	1.1	0