

Roselena Silvestri Schuh

List of Publications by Year in descending order

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papers

621
citations

623188

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#	ARTICLE	IF	CITATIONS
1	Box-Behnken design optimization of mucoadhesive chitosan-coated nanoemulsions for rosmarinic acid nasal delivery – In vitro studies. <i>Carbohydrate Polymers</i> , 2018, 199, 572-582.	5.1	68
2	Nasal Administration of Cationic Nanoemulsions as CD73-siRNA Delivery System for Glioblastoma Treatment: a New Therapeutical Approach. <i>Molecular Neurobiology</i> , 2020, 57, 635-649.	1.9	61
3	Cationic nanoemulsions as nucleic acids delivery systems. <i>International Journal of Pharmaceutics</i> , 2017, 534, 356-367.	2.6	54
4	In vivo genome editing of mucopolysaccharidosis I mice using the CRISPR/Cas9 system. <i>Journal of Controlled Release</i> , 2018, 288, 23-33.	4.8	54
5	An overview of the neuroprotective potential of rosmarinic acid and its association with nanotechnology-based delivery systems: A novel approach to treating neurodegenerative disorders. <i>Neurochemistry International</i> , 2019, 122, 47-58.	1.9	41
6	Gene editing of MPS I human fibroblasts by co-delivery of a CRISPR/Cas9 plasmid and a donor oligonucleotide using nanoemulsions as nonviral carriers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 122, 158-166.	2.0	33
7	Blockade of CD73 delays glioblastoma growth by modulating the immune environment. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 1801-1812.	2.0	33
8	Citotoxic activity evaluation of essential oils and nanoemulsions of <i>Drimys angustifolia</i> and <i>D. brasiliensis</i> on human glioblastoma (U-138 MG) and human bladder carcinoma (T24) cell lines in vitro. <i>Revista Brasileira De Farmacognosia</i> , 2013, 23, 259-267.	0.6	31
9	Neonatal nonviral gene editing with the CRISPR/Cas9 system improves some cardiovascular, respiratory, and bone disease features of the mucopolysaccharidosis I phenotype in mice. <i>Gene Therapy</i> , 2020, 27, 74-84.	2.3	24
10	Nanotechnology applied to treatment of mucopolysaccharidoses. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 1709-1718.	2.4	22
11	Box Behnken design of siRNA-loaded liposomes for the treatment of a murine model of ocular keratitis caused by <i>Acanthamoeba</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 725-732.	2.5	21
12	Nasal Administration of Cationic Nanoemulsions as Nucleic Acids Delivery Systems Aiming at Mucopolysaccharidosis Type I Gene Therapy. <i>Pharmaceutical Research</i> , 2018, 35, 221.	1.7	18
13	CRISPR-Cas9-mediated gene editing in human MPS I fibroblasts. <i>Gene</i> , 2018, 678, 33-37.	1.0	18
14	CD73 as a target to improve temozolomide chemotherapy effect in glioblastoma preclinical model. <i>Cancer Chemotherapy and Pharmacology</i> , 2020, 85, 1177-1182.	1.1	18
15	Chitosan-coated rosmarinic acid nanoemulsion nasal administration protects against LPS-induced memory deficit, neuroinflammation, and oxidative stress in Wistar rats. <i>Neurochemistry International</i> , 2020, 141, 104875.	1.9	15
16	Physicochemical properties of cationic nanoemulsions and liposomes obtained by microfluidization complexed with a single plasmid or along with an oligonucleotide: Implications for CRISPR/Cas technology. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 243-255.	5.0	13
17	PHYSICO-CHEMICAL PROPERTIES OF LECITHIN-BASED NANOEMULSIONS OBTAINED BY SPONTANEOUS EMULSIFICATION OR HIGH-PRESSURE HOMOGENIZATION. <i>Quimica Nova</i> , 2014, , .	0.3	10
18	Simultaneous Analysis of Amphetamine-type Stimulants in Plasma by Solid-phase Microextraction and Gas Chromatography – Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2014, 38, 432-437.	1.7	10

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19	Optimization of alginate microcapsules containing cells overexpressing β -L-iduronidase using Box-Behnken design. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 111, 29-37.	1.9	10
20	Intra-articular nonviral gene therapy in mucopolysaccharidosis I mice. <i>International Journal of Pharmaceutics</i> , 2018, 548, 151-158.	2.6	10
21	Skin Permeation and Oxidative Protection Effect of Soybean Isoflavones from Topical Nanoemulsions: A Comparative Study of Extracts and Pure Compounds. <i>AAPS PharmSciTech</i> , 2018, 19, 3029-3039.	1.5	10
22	Factors influencing transfection efficiency of pDUA/nanoemulsion complexes in a mucopolysaccharidosis type I murine model. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2061-2067.	3.3	9
23	In vitro protective effect of topical nanoemulgels containing Brazilian red propolis benzophenones against UV-induced skin damage. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 1460-1469.	1.6	7
24	Biological assessment (antiviral and antioxidant) and acute toxicity of essential oils from <i>Drimys angustifolia</i> and <i>D. brasiliensis</i> . <i>Revista Brasileira De Farmacognosia</i> , 2013, 23, 284-290.	0.6	6
25	Brain and visceral gene editing of mucopolysaccharidosis I mice by nasal delivery of the CRISPR/Cas9 system. <i>Journal of Gene Medicine</i> , 2022, 24, e3410.	1.4	6
26	Intranasal delivery of the CRISPR-Cas9 system for gene editing in MPS II mice. <i>Molecular Genetics and Metabolism</i> , 2019, 126, S118.	0.5	4
27	De resíduo a insumo: a construção do caminho para uma química mais limpa através de um projeto de ensino. <i>Química Nova</i> , 2008, 31, 174-177.	0.3	3
28	Chemical constituents and pharmacological profile of <i>Gunnera manicata</i> L. extracts. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014, 50, 147-154.	1.2	3
29	Gene Therapy of Mucopolysaccharidosis Type I Mice: Repeated Administrations and Safety Assessment of pDUA/Nanoemulsion Complexes. <i>Current Gene Therapy</i> , 2021, 21, 464-471.	0.9	3
30	Genome editing in mucopolysaccharidoses and mucopolipidoses. <i>Progress in Molecular Biology and Translational Science</i> , 2021, 182, 327-351.	0.9	2
31	Optimization of Coumarins Extraction from <i>Pterocaulon balansae</i> by Box-Behnken Design and Anti- <i>Trichomonas vaginalis</i> Activity. <i>Planta Medica</i> , 2021, 87, 480-488.	0.7	1
32	Determination of Coumarins from <i>Pterocaulon balansae</i> by an Ultra-Fast Liquid Chromatography Method in Topical Applications. <i>Revista Brasileira De Farmacognosia</i> , 2020, 30, 765-773.	0.6	1
33	Correção - PHYSICO-CHEMICAL PROPERTIES OF LECITHIN-BASED NANOEMULSIONS OBTAINED BY SPONTANEOUS EMULSIFICATION OR HIGH-PRESSURE HOMOGENIZATION. <i>Química Nova</i> , 2014, , .	0.3	1
34	Biomateriais para formulações de base nanotecnológica visando terapia gênica ocular. <i>Química Nova</i> , 0, , .	0.3	1
35	An alternate technique for isolation of <i>Toxocara canis</i> excretory-secretory antigens. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2011, 47, 119-123.	1.2	0
36	Biodistribution of Transplanted Hematopoietic Precursor Cells Injected Through Different Administration Routes in Newborn Mice. <i>Human Gene Therapy</i> , 2021, 32, 495-505.	1.4	0

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37	Abstract B058: CD73 siRNA therapy regulates glioblastoma immune microenvironment. , 2019, , .		0