

Roselena Silvestri Schuh

List of Publications by Citations

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32
papers

366
citations

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h-index

18
g-index

37
ext. papers

527
ext. citations

4.3
avg, IF

3.44
L-index

#	Paper	IF	Citations
32	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	10.3	42
31	In vivo genome editing of mucopolysaccharidosis I mice using the CRISPR/Cas9 system. <i>Journal of Controlled Release</i> , 2018 , 288, 23-33	11.7	36
30	Cationic nanoemulsions as nucleic acids delivery systems. <i>International Journal of Pharmaceutics</i> , 2017 , 534, 356-367	6.5	35
29	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	6.2	34
28	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	4.4	25
27	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	5.7	25
26	Blockade of CD73 delays glioblastoma growth by modulating the immune environment. <i>Cancer Immunology, Immunotherapy</i> , 2020 , 69, 1801-1812	7.4	18
25	Nanotechnology applied to treatment of mucopolysaccharidoses. <i>Expert Opinion on Drug Delivery</i> , 2016 , 13, 1709-1718	8	17
24	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	2	17
23	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	4	11
22	CD73 as a target to improve temozolomide chemotherapy effect in glioblastoma preclinical model. <i>Cancer Chemotherapy and Pharmacology</i> , 2020 , 85, 1177-1182	3.5	10
21	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	6	10
20	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, 432-7	2.9	9
19	Optimization of alginate microcapsules containing cells overexpressing β -iduronidase using Box-Behnken design. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 111, 29-37	5.1	8
18	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	9.3	8
17	CRISPR-Cas9-mediated gene editing in human MPS I fibroblasts. <i>Gene</i> , 2018 , 678, 33-37	3.8	7
16	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	3.9	7

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	4.4	7
14	Nasal Administration of Cationic Nanoemulsions as Nucleic Acids Delivery Systems Aiming at Mucopolysaccharidosis Type I Gene Therapy. <i>Pharmaceutical Research</i> , 2018 , 35, 221	4.5	7
13	Factors influencing transfection efficiency of pIDUA/nanoemulsion complexes in a mucopolysaccharidosis type I murine model. <i>International Journal of Nanomedicine</i> , 2017 , 12, 2061-2067	7.3	6
12	PHYSICOCHEMICAL PROPERTIES OF LECITHIN-BASED NANOEMULSIONS OBTAINED BY SPONTANEOUS EMULSIFICATION OR HIGH-PRESSURE HOMOGENIZATION. <i>Quimica Nova</i> , 2014 ,	1.6	5
11	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	2	4
10	Intra-articular nonviral gene therapy in mucopolysaccharidosis I mice. <i>International Journal of Pharmaceutics</i> , 2018 , 548, 151-158	6.5	4
9	Intranasal delivery of the CRISPR-Cas9 system for gene editing in MPS II mice. <i>Molecular Genetics and Metabolism</i> , 2019 , 126, S118	3.7	3
8	Chemical constituents and pharmacological profile of <i>Gunnera manicata</i> L. extracts. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014 , 50, 147-154	1.8	3
7	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	4.2	2
6	Brain and visceral gene editing of mucopolysaccharidosis I mice by nasal delivery of the CRISPR/Cas9 system.. <i>Journal of Gene Medicine</i> , 2022 , e3410	3.5	1
5	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	2	1
4	Genome editing in mucopolysaccharidoses and mucopolipidoses. <i>Progress in Molecular Biology and Translational Science</i> , 2021 , 182, 327-351	4	1
3	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	3.1	1
2	An alternate technique for isolation of <i>Toxocara canis</i> excretory-secretory antigens. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2011 , 47, 119-123	1.8	
1	Biodistribution of Transplanted Hematopoietic Precursor Cells Injected Through Different Administration Routes in Newborn Mice. <i>Human Gene Therapy</i> , 2021 , 32, 495-505	4.8	