

Lefkothea C Papadopoulou

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,492
citations

623188

14
h-index

713013

21
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22
all docs

22
docs citations

22
times ranked

2148
citing authors

#	ARTICLE	IF	CITATIONS
1	PTD-mediated delivery of β -globin chain into K-562 erythroleukemia cells and β -thalassemic (HBH) patients TM RBCs ex vivo in the frame of Protein Replacement Therapy. <i>Journal of Biological Research</i> , 2021, 28, 16.	2.2	3
2	Development of a novel PTD-mediated IVT-mRNA delivery platform for potential protein replacement therapy of metabolic/genetic disorders. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 694-710.	2.3	18
3	Effect of the triphenylphosphonium cation on the biological properties of new rhenium and technetium-99m fac-[M(CO) ₃ (NSN)] ⁺ -type complexes: Synthesis, structural characterization, in vitro and in vivo studies. <i>Inorganica Chimica Acta</i> , 2020, 511, 119807.	1.2	1
4	In Vitro-Transcribed (IVT)-mRNA CAR Therapy Development. <i>Methods in Molecular Biology</i> , 2020, 2086, 87-117.	0.4	20
5	In vivo biodistribution study of TAT-L-Sco2 fusion protein, developed as protein therapeutic for mitochondrial disorders attributed to SCO2 mutations. <i>Molecular Genetics and Metabolism Reports</i> , 2020, 25, 100683.	0.4	8
6	Organometallic rhenium tricarbonyl ⁺ enrofloxacin and ⁺ levofloxacin complexes: synthesis, albumin-binding, DNA-interaction and cell viability studies. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 609-619.	1.1	18
7	Tackling pharmacological response heterogeneity by PBPK modeling to advance precision medicine productivity of nanotechnology and genomics therapeutics. <i>Expert Review of Precision Medicine and Drug Development</i> , 2019, 4, 139-151.	0.4	21
8	Production and Transduction of a Human Recombinant β -Globin Chain into Proerythroid K-562 Cells To Replace Missing Endogenous β -Globin. <i>Molecular Pharmaceutics</i> , 2018, 15, 5665-5677.	2.3	8
9	CAR T-cell Therapy: A New Era in Cancer Immunotherapy. <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 5-18.	0.9	321
10	Synthesis, characterization and biological evaluation of ^{99m} Tc/Re ⁺ tricarbonyl quinolone complexes. <i>Journal of Inorganic Biochemistry</i> , 2016, 160, 94-105.	1.5	34
11	Imatinib inhibits the expression of SCO2 and FRATAxin genes that encode mitochondrial proteins in human Bcr ⁺ Abl ⁺ leukemia cells. <i>Blood Cells, Molecules, and Diseases</i> , 2014, 53, 84-90.	0.6	4
12	The Potential Role of Cell Penetrating Peptides in the Intracellular Delivery of Proteins for Therapy of Erythroid Related Disorders. <i>Pharmaceutics</i> , 2013, 6, 32-53.	1.7	17
13	Transduction of Human Recombinant Proteins into Mitochondria as a Protein Therapeutic Approach for Mitochondrial Disorders. <i>Pharmaceutical Research</i> , 2011, 28, 2639-2656.	1.7	16
14	Intracellular delivery of full length recombinant human mitochondrial L-Sco2 protein into the mitochondria of permanent cell lines and SCO2 deficient patient's primary cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 497-508.	1.8	22
15	Heme as key regulator of major mammalian cellular functions: Molecular, cellular, and pharmacological aspects. , 2006, 111, 327-345.		216
16	Human recombinant mutated forms of the mitochondrial COX assembly Sco2 protein differ from wild-type in physical state and copper binding capacity. <i>Molecular Genetics and Metabolism</i> , 2004, 81, 225-236.	0.5	28
17	Differences in nuclear gene expression between cells containing monomer and dimer mitochondrial genomes. <i>Gene</i> , 2002, 286, 91-104.	1.0	13
18	Fatal infantile cardioencephalomyopathy with COX deficiency and mutations in SCO2, a COX assembly gene. <i>Nature Genetics</i> , 1999, 23, 333-337.	9.4	556

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19	Structural and functional impairment of mitochondria in adriamycin-induced cardiomyopathy in mice: suppression of cytochrome c oxidase II gene expression. <i>Biochemical Pharmacology</i> , 1999, 57, 481-489.	2.0	69
20	The Fate of Human Sperm-Derived mtDNA in Somatic Cells. <i>American Journal of Human Genetics</i> , 1997, 61, 953-960.	2.6	63
21	Effects of hemin on apoptosis, suppression of cytochrome C oxidase gene expression, and bone-marrow toxicity induced by doxorubicin (Adriamycin). <i>Biochemical Pharmacology</i> , 1996, 52, 713-722.	2.0	35