

# Gustavo Puras Ochoa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3131254/publications.pdf>

Version: 2024-02-01

37  
papers

753  
citations

430874

18  
h-index

552781

26  
g-index

38  
all docs

38  
docs citations

38  
times ranked

864  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanodiamond Integration into Niosomes as an Emerging and Efficient Gene Therapy Nanoplatform for Central Nervous System Diseases. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 13665-13677.	8.0	11
2	Therapeutic Opportunities and Delivery Strategies for Brain Revascularization in Stroke, Neurodegeneration, and Aging. <i>Pharmacological Reviews</i> , 2022, 74, 439-461.	16.0	12
3	Current Insights into 3D Bioprinting: An Advanced Approach for Eye Tissue Regeneration. <i>Pharmaceutics</i> , 2021, 13, 308.	4.5	29
4	Design and Validation of a Process Based on Cationic Niosomes for Gene Delivery into Novel Urine-Derived Mesenchymal Stem Cells. <i>Pharmaceutics</i> , 2021, 13, 696.	4.5	3
5	Mesenchymal Stem Cells as a Gene Delivery Tool: Promise, Problems, and Prospects. <i>Pharmaceutics</i> , 2021, 13, 843.	4.5	15
6	How Far Are Non-Viral Vectors to Come of Age and Reach Clinical Translation in Gene Therapy?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7545.	4.1	29
7	Sphingolipid extracts enhance gene delivery of cationic lipid vesicles into retina and brain. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 169, 103-112.	4.3	9
8	Correlation between Biophysical Properties of Niosomes Elaborated with Chloroquine and Different Tensioactives and Their Transfection Efficiency. <i>Pharmaceutics</i> , 2021, 13, 1787.	4.5	7
9	Origen y trayectoria del equipo docente para la Enseñanza Multidisciplinar Biosanitaria (IKAsasun). <i>Revista Española De Educación Médica</i> , 2021, 2, .	0.1	0
10	Non-viral mediated gene therapy in human cystic fibrosis airway epithelial cells recovers chloride channel functionality. <i>International Journal of Pharmaceutics</i> , 2020, 588, 119757.	5.2	15
11	Niosome-Based Approach for In Situ Gene Delivery to Retina and Brain Cortex as Immune-Privileged Tissues. <i>Pharmaceutics</i> , 2020, 12, 198.	4.5	34
12	Brain Angiogenesis Induced by Nonviral Gene Therapy with Potential Therapeutic Benefits for Central Nervous System Diseases. <i>Molecular Pharmaceutics</i> , 2020, 17, 1848-1858.	4.6	9
13	Cationic niosome-based hBMP7 gene transfection of neuronal precursor NT2 cells to reduce the migration of glioma cells in vitro. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101219.	3.0	10
14	Cationic Niosomes as Non-Viral Vehicles for Nucleic Acids: Challenges and Opportunities in Gene Delivery. <i>Pharmaceutics</i> , 2019, 11, 50.	4.5	59
15	Gene delivery to the rat retina by non-viral vectors based on chloroquine-containing cationic niosomes. <i>Journal of Controlled Release</i> , 2019, 304, 181-190.	9.9	38
16	Non-viral vectors based on cationic niosomes and minicircle DNA technology enhance gene delivery efficiency for biomedical applications in retinal disorders. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 17, 308-318.	3.3	39
17	Stem cell-based gene delivery mediated by cationic niosomes for bone regeneration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 521-531.	3.3	36
18	Hyaluronic acid hydrogel scaffolds loaded with cationic niosomes for efficient non-viral gene delivery. <i>RSC Advances</i> , 2018, 8, 31934-31942.	3.6	29

#	ARTICLE	IF	CITATIONS
19	Gene transfer to rat cerebral cortex mediated by polysorbate 80 and poloxamer 188 nonionic surfactant vesicles. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 3937-3949.	4.3	12
20	Non-viral vectors based on cationic niosomes as efficient gene delivery vehicles to central nervous system cells into the brain. <i>International Journal of Pharmaceutics</i> , 2018, 552, 48-55.	5.2	30
21	Polysorbate 20 non-ionic surfactant enhances retinal gene delivery efficiency of cationic niosomes after intravitreal and subretinal administration. <i>International Journal of Pharmaceutics</i> , 2018, 550, 388-397.	5.2	28
22	Gene delivery to the lungs: pulmonary gene therapy for cystic fibrosis. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1071-1081.	2.0	23
23	Non-viral vectors based on magnetoplexes, lipoplexes and polyplexes for VEGF gene delivery into central nervous system cells. <i>International Journal of Pharmaceutics</i> , 2017, 521, 130-140.	5.2	19
24	Retinal gene delivery enhancement by lycopene incorporation into cationic niosomes based on DOTMA and polysorbate 60. <i>Journal of Controlled Release</i> , 2017, 254, 55-64.	9.9	54
25	Design and characterization of a magnetite/PEI multifunctional nanohybrid as non-viral vector and cell isolation system. <i>International Journal of Pharmaceutics</i> , 2017, 518, 270-280.	5.2	9
26	Amine containing cationic methacrylate copolymers as efficient gene delivery vehicles to retinal epithelial cells. <i>Journal of Polymer Science Part A</i> , 2017, 55, 280-287.	2.3	4
27	Cationic nioplexes-in-polysaccharide-based hydrogels as versatile biodegradable hybrid materials to deliver nucleic acids. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7756-7767.	5.8	12
28	Nioplexes encapsulated in supramolecular hybrid biohydrogels as versatile delivery platforms for nucleic acids. <i>RSC Advances</i> , 2016, 6, 39688-39699.	3.6	12
29	Elaboration and Physicochemical Characterization of Niosome-Based Nioplexes for Gene Delivery Purposes. <i>Methods in Molecular Biology</i> , 2016, 1445, 63-75.	0.9	15
30	The role of helper lipids in the intracellular disposition and transfection efficiency of niosome formulations for gene delivery to retinal pigment epithelial cells. <i>International Journal of Pharmaceutics</i> , 2016, 503, 115-126.	5.2	34
31	Delivery of an adenovirus vector plasmid by ultrapure oligochitosan based polyplexes. <i>International Journal of Pharmaceutics</i> , 2015, 479, 312-319.	5.2	5
32	Enduring high-efficiency in vivo transfection of neurons with non-viral magnetoparticles in the rat visual cortex for optogenetic applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 835-843.	3.3	28
33	Improving transfection efficiency of ultrapure oligochitosan/DNA polyplexes by medium acidification. <i>Drug Delivery</i> , 2015, 22, 100-110.	5.7	23
34	New Insights into Gene Delivery to Human Neuronal Precursor NT2 Cells: A Comparative Study between Lipoplexes, Nioplexes, and Polyplexes. <i>Molecular Pharmaceutics</i> , 2015, 12, 4056-4066.	4.6	19
35	A Novel Formulation Based on 2,3-Di(tetradecyloxy)propan-1-amine Cationic Lipid Combined with Polysorbate 80 for Efficient Gene Delivery to the Retina. <i>Pharmaceutical Research</i> , 2014, 31, 1665-1675.	3.5	19
36	Cationic vesicles based on non-ionic surfactant and synthetic aminolipids mediate delivery of antisense oligonucleotides into mammalian cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 119, 30-37.	5.0	18

#	ARTICLE	IF	CITATIONS
37	The effect of topical natural ergot alkaloids on the intraocular pressure and aqueous humor dynamics in rabbits with $\hat{\pm}$ -chymotrypsin-induced ocular hypertension. Graefe's Archive for Clinical and Experimental Ophthalmology, 2002, 240, 322-328.	1.9	5