

# María-Luisa González-Rodríguez

## List of Publications by Year in descending order

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50  
papers

2,138  
citations

331259

21  
h-index

223531

46  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2779  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of cholesterol and ethanol on dermal delivery from DPPC liposomes. International Journal of Pharmaceutics, 2005, 298, 1-12.	2.6	273
2	Alginate/chitosan particulate systems for sodium diclofenac release. International Journal of Pharmaceutics, 2002, 232, 225-234.	2.6	241
3	Preparation and characterisation of liposomes encapsulating ketoprofen-cyclodextrin complexes for transdermal drug delivery. International Journal of Pharmaceutics, 2005, 298, 55-67.	2.6	181
4	Effect of preparation technique on the properties of liposomes encapsulating ketoprofen-cyclodextrin complexes aimed for transdermal delivery. International Journal of Pharmaceutics, 2006, 312, 53-60.	2.6	138
5	Development, characterization and in vivo evaluation of benzocaine-loaded liposomes. European Journal of Pharmaceutics and Biopharmaceutics, 2007, 67, 86-95.	2.0	137
6	Firing transformations of mixtures of clays containing illite, kaolinite and calcium carbonate used by ornamental tile industries. Applied Clay Science, 1990, 5, 361-375.	2.6	106
7	Application of statistical experimental design to study the formulation variables influencing the coating process of lidocaine liposomes. International Journal of Pharmaceutics, 2007, 337, 336-345.	2.6	84
8	New drug-in cyclodextrin-in deformable liposomes formulations to improve the therapeutic efficacy of local anaesthetics. International Journal of Pharmaceutics, 2010, 395, 222-231.	2.6	81
9	Charged liposomes as carriers to enhance the permeation through the skin. Expert Opinion on Drug Delivery, 2011, 8, 857-871.	2.4	73
10	Fucoxanthin-Containing Cream Prevents Epidermal Hyperplasia and UVB-Induced Skin Erythema in Mice. Marine Drugs, 2018, 16, 378.	2.2	62
11	Development of Enteric-coated Pectin-based Matrix Tablets for Colonic Delivery of Theophylline. Journal of Drug Targeting, 2003, 11, 365-371.	2.1	54
12	Characterization of Ibuprofen Binary and Ternary Dispersions with Hydrophilic Carriers. Drug Development and Industrial Pharmacy, 2004, 30, 65-74.	0.9	44
13	Positively and negatively charged liposomes as carriers for transdermal delivery of sumatriptan: in vitro characterization. Drug Development and Industrial Pharmacy, 2010, 36, 666-675.	0.9	44
14	Development of Enteric-coated Timed-release Matrix Tablets for Colon Targeting. Journal of Drug Targeting, 2004, 12, 607-612.	2.1	43
15	Characterization and Dissolution Properties of Ketoprofen in Binary and Ternary Solid Dispersions with Polyethylene Glycol and Surfactants. Drug Development and Industrial Pharmacy, 2005, 31, 425-434.	0.9	43
16	Calcium alginate microspheres containing metformin hydrochloride niosomes and chitosomes aimed for oral therapy of type 2 diabetes mellitus. International Journal of Pharmaceutics, 2017, 530, 430-439.	2.6	43
17	Deformability properties of timolol-loaded transfersomes based on the extrusion mechanism. Statistical optimization of the process. Drug Development and Industrial Pharmacy, 2016, 42, 1683-1694.	0.9	41
18	In vitro release of sodium diclofenac from a central core matrix tablet aimed for colonic drug delivery. European Journal of Pharmaceutical Sciences, 2003, 20, 125-131.	1.9	40

#	ARTICLE	IF	CITATIONS
19	Improvement of the desorption of the pesticide 2,4-D via complexation with HP- $\beta$ -cyclodextrin. <i>Pest Management Science</i> , 2000, 56, 425-430.	1.7	35
20	Novel Findings about Double-Loaded Curcumin-in-HP $\beta$ -cyclodextrin-in Liposomes: Effects on the Lipid Bilayer and Drug Release. <i>Pharmaceutics</i> , 2018, 10, 256.	2.0	32
21	Thermal and $^{31}\text{P}$ -NMR studies to elucidate sumatriptan succinate entrapment behavior in Phosphatidylcholine/Cholesterol liposomes. Comparative $^{31}\text{P}$ -NMR analysis on negatively and positively-charged liposomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 105, 14-23.	2.5	26
22	Topical Application of Glycolipids from <i>Isochrysis galbana</i> Prevents Epidermal Hyperplasia in Mice. <i>Marine Drugs</i> , 2018, 16, 2.	2.2	22
23	Evaluation of $\beta$ -lactose, PVP K12 and PVP K90 as excipients to prepare piroxicam granules using two wet granulation techniques. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2003, 56, 479-487.	2.0	21
24	Applying the taguchi method to optimize sumatriptan succinate niosomes as drug carriers for skin delivery. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 3845-3863.	1.6	20
25	Development and validation of a reverse-phase liquid chromatographic method for the assay of lidocaine hydrochloride in alginate-Gantrez <sup>®</sup> microspheres. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 501-507.	1.4	19
26	A comparative study of stabilising effect and antioxidant activity of different antioxidants on levodopa-loaded liposomes. <i>Journal of Microencapsulation</i> , 2018, 35, 357-371.	1.2	19
27	Preparation and In Vivo Evaluation of Rosmarinic Acid-Loaded Transethosomes After Percutaneous Application on a Psoriasis Animal Model. <i>AAPS PharmSciTech</i> , 2021, 22, 103.	1.5	18
28	Channeling Agent and Drug Release from a Central Core Matrix Tablet. <i>Drug Development and Industrial Pharmacy</i> , 2001, 27, 439-446.	0.9	17
29	Development and validation of a high performance chromatographic method for determining sumatriptan in niosomes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 72, 251-260.	1.4	17
30	Optimization of preparation method by W/O/W emulsion for entrapping metformin hydrochloride into poly (lactic acid) microparticles using Box-Behnken design. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 51, 419-429.	1.4	17
31	Ophthalmic administration of a 10-fold-lower dose of conventional nanoliposome formulations caused levels of intraocular pressure similar to those induced by marketed eye drops. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 111, 186-194.	1.9	16
32	Association of Immunological Cell Profiles with Specific Clinical Phenotypes of Scleroderma Disease. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	15
33	Image analysis of lutrol/gelucire/olanzapine microspheres prepared by ultrasound-assisted spray congealing. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 909-918.	2.0	14
34	Towards the antioxidant therapy in Osteoarthritis: Contribution of nanotechnology. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 42, 94-106.	1.4	14
35	Design and evaluation of a new central core matrix tablet. <i>International Journal of Pharmaceutics</i> , 1997, 146, 175-180.	2.6	12
36	Artificial neural networks as alternative tool for minimizing error predictions in manufacturing ultradeformable nanoliposome formulations. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 135-143.	0.9	11

#	ARTICLE	IF	CITATIONS
37	Electrochemical characterization of a mixed lipid monolayer supported on Au(111) electrodes with implications for doxorubicin delivery. <i>Journal of Electroanalytical Chemistry</i> , 2018, 815, 246-254.	1.9	10
38	pH-temperature dual-sensitive nucleolipid-containing stealth liposomes anchored with PEGylated AuNPs for triggering delivery of doxorubicin. <i>International Journal of Pharmaceutics</i> , 2022, 619, 121691.	2.6	10
39	Wet granulation as innovative and fast method to prepare controlled release granules based on an ion-exchange resin. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 1313-1324.	1.6	8
40	Preparation, Characterization and Evaluation of the Anti-Inflammatory Activity of Epichlorohydrin- $\beta$ -Cyclodextrin/Curcumin Binary Systems Embedded in a Pluronic <sup>®</sup> /Hyaluronate Hydrogel. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13566.	1.8	8
41	Cholesterol Levels Affect the Performance of AuNPs-Decorated Thermo-Sensitive Liposomes as Nanocarriers for Controlled Doxorubicin Delivery. <i>Pharmaceutics</i> , 2021, 13, 973.	2.0	7
42	Didodecyldimethylammonium Bromide Role in Anchoring Gold Nanoparticles onto Liposome Surface for Triggering the Drug Release. <i>AAPS PharmSciTech</i> , 2019, 20, 294.	1.5	6
43	Biologically Relevant Micellar Nanocarrier Systems for Drug Encapsulation and Functionalization of Metallic Nanoparticles. <i>Nanomaterials</i> , 2022, 12, 1753.	1.9	6
44	Using the Percolation Theory to Explain the Release Behavior from Inert Matrix Systems. <i>Drug Development and Industrial Pharmacy</i> , 1996, 22, 201-210.	0.9	3
45	Influence of the mineralogical composition, specific surface area and strains $\alpha$ Crystallite size of alite on the compressive mechanical strength of Portland mortars. I. Clinkers of low tricalcium aluminate contents. <i>Cement and Concrete Research</i> , 1994, 24, 776-790.	4.6	2
46	Surface functionalizing of a lipid nanosystem to promote brain targeting: step-by-step design and physico-chemical characterization. <i>Pharmaceutical Development and Technology</i> , 2015, 21, 1-9.	1.1	2
47	Surface-Charged Vesicles for Penetration Enhancement. , 2016, , 121-136.		1
48	Curcumin-in-Cyclodextrins-in-Liposomes: An Alternative for Osteoarthritis Treatment. <i>Proceedings (mdpi)</i> , 2020, 78, .	0.2	1
49	Synergistic Effect of Acetazolamide-(2-hydroxy)propyl $\beta$ -Cyclodextrin in Timolol Liposomes for Decreasing and Prolonging Intraocular Pressure Levels. <i>Pharmaceutics</i> , 2021, 13, 2010.	2.0	1
50	Avances en las formulaciones de los antis $\text{\AA}$ pticos. <i>Ars Pharmaceutica</i> , 2021, 62, 451-470.	0.1	0