

Luisa Di Marzio

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

94
papers

2,603
citations

31
h-index

47
g-index

99
ext. papers

3,023
ext. citations

5
avg, IF

4.81
L-index

#	Paper	IF	Citations
94	Niosomes from 80s to present: the state of the art. <i>Advances in Colloid and Interface Science</i> , 2014 , 205, 187-206	14.3	273
93	Ultradeformable liposomes as multidrug carrier of resveratrol and 5-fluorouracil for their topical delivery. <i>International Journal of Pharmaceutics</i> , 2015 , 489, 1-10	6.5	103
92	Anticancer activity of liposomal bergamot essential oil (BEO) on human neuroblastoma cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 112, 548-53	6	97
91	Novel pH-sensitive non-ionic surfactant vesicles: comparison between Tween 21 and Tween 20. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 82, 18-24	6	86
90	Helicobacter pylori ATCC 43629/NCTC 11639 Outer Membrane Vesicles (OMVs) from Biofilm and Planktonic Phase Associated with Extracellular DNA (eDNA). <i>Frontiers in Microbiology</i> , 2015 , 6, 1369	5.7	66
89	VSL#3 probiotic upregulates intestinal mucosal alkaline sphingomyelinase and reduces inflammation. <i>Canadian Journal of Gastroenterology & Hepatology</i> , 2008 , 22, 237-42		62
88	Determination of ciprofloxacin and levofloxacin in human sputum collected from cystic fibrosis patients using microextraction by packed sorbent-high performance liquid chromatography photodiode array detector. <i>Journal of Chromatography A</i> , 2015 , 1419, 58-66	4.5	59
87	Aqueous-core PEG-coated PLA nanocapsules for an efficient entrapment of water soluble anticancer drugs and a smart therapeutic response. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 89, 30-9	5.7	56
86	TNFalpha downregulates PPARdelta expression in oligodendrocyte progenitor cells: implications for demyelinating diseases. <i>Glia</i> , 2003 , 41, 3-14	9	56
85	Liposomal chemotherapeutics. <i>Future Oncology</i> , 2013 , 9, 1849-59	3.6	55
84	Sphingolipids and the immune system. <i>Pharmacological Research</i> , 2003 , 47, 421-37	10.2	55
83	Polyethylenimine and chitosan carriers for the delivery of RNA interference effectors. <i>Expert Opinion on Drug Delivery</i> , 2013 , 10, 1653-68	8	54
82	Ceramide concentrations in septic patients: a possible marker of multiple organ dysfunction syndrome. <i>Critical Care Medicine</i> , 1999 , 27, 2413-7	1.4	53
81	Effect of L-Carnitine on Human Immunodeficiency Virus-1 Infection-Associated Apoptosis: A Pilot Study. <i>Blood</i> , 1998 , 91, 3817-3824	2.2	52
80	Apoptotic effects of selected strains of lactic acid bacteria on a human T leukemia cell line are associated with bacterial arginine deiminase and/or sphingomyelinase activities. <i>Nutrition and Cancer</i> , 2001 , 40, 185-96	2.8	51
79	Effect of the lactic acid bacterium Streptococcus thermophilus on stratum corneum ceramide levels and signs and symptoms of atopic dermatitis patients. <i>Experimental Dermatology</i> , 2003 , 12, 615-20	4	49
78	Effect of the lactic acid bacterium Streptococcus thermophilus on ceramide levels in human keratinocytes in vitro and stratum corneum in vivo. <i>Journal of Investigative Dermatology</i> , 1999 , 113, 98-106	4.3	49

77	Detection and Physicochemical Characterization of Membrane Vesicles (MVs) of DSM 17938. <i>Frontiers in Microbiology</i> , 2017 , 8, 1040	5.7	48
76	A new vesicle-loaded hydrogel system suitable for topical applications: preparation and characterization. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2011 , 14, 336-46	3.4	48
75	Acetyl-L-carnitine administration increases insulin-like growth factor 1 levels in asymptomatic HIV-1-infected subjects: correlation with its suppressive effect on lymphocyte apoptosis and ceramide generation. <i>Clinical Immunology</i> , 1999 , 92, 103-10	9	47
74	Increase of skin-ceramide levels in aged subjects following a short-term topical application of bacterial sphingomyelinase from <i>Streptococcus thermophilus</i> . <i>International Journal of Immunopathology and Pharmacology</i> , 2008 , 21, 137-43	3	46
73	Designing novel pH-sensitive non-phospholipid vesicle: characterization and cell interaction. <i>European Journal of Pharmaceutical Sciences</i> , 2006 , 28, 385-93	5.1	46
72	Gel-embedded niosomes: preparation, characterization and release studies of a new system for topical drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 125, 291-9	6	44
71	Microextraction by packed sorbent and HPLC-PDA quantification of multiple anti-inflammatory drugs and fluoroquinolones in human plasma and urine. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 110-116	5.6	43
70	pH-sensitive non-phospholipid vesicle and macrophage-like cells: binding, uptake and endocytotic pathway. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008 , 1778, 2749-56	3.8	41
69	Prosaposin treatment induces PC12 entry in the S phase of the cell cycle and prevents apoptosis: activation of ERKs and sphingosine kinase. <i>FASEB Journal</i> , 2001 , 15, 467-74	0.9	41
68	Niosomes as Drug Nanovectors: Multiscale pH-Dependent Structural Response. <i>Langmuir</i> , 2016 , 32, 12414-9	4.9	37
67	Overcoming Nanoparticle-Mediated Complement Activation by Surface PEG Pairing. <i>Nano Letters</i> , 2020 , 20, 4312-4321	11.5	34
66	Autoamplification of apoptosis following ligation of CD95-L, TRAIL and TNF-alpha. <i>Oncogene</i> , 2000 , 19, 4255-62	9.2	34
65	Polysorbate 20 vesicles as oral delivery system: in vitro characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 104, 200-6	6	33
64	Mathematical Models as Tools to Predict the Release Kinetic of Fluorescein from Lyotropic Colloidal Liquid Crystals. <i>Materials</i> , 2019 , 12,	3.5	31
63	Interaction of DNA with cationic liposomes: ability of transfecting lentil protoplasts. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 186, 1417-22	3.4	28
62	Ammonium glycyrrhizate skin delivery from ultradeformable liposomes: A novel use as an anti-inflammatory agent in topical drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 193, 111152	6	28
61	Bioactive isoflavones from <i>Pueraria lobata</i> root and starch: Different extraction techniques and carbonic anhydrase inhibition. <i>Food and Chemical Toxicology</i> , 2018 , 112, 441-447	4.7	27
60	Drug delivery in overcoming the blood-brain barrier: role of nasal mucosal grafting. <i>Drug Design, Development and Therapy</i> , 2017 , 11, 325-335	4.4	26

59	Analysis of imidazoles and triazoles in biological samples after MicroExtraction by packed sorbent. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 1-11	5.6	26
58	Detection of alkaline sphingomyelinase activity in human stool: proposed role as a new diagnostic and prognostic marker of colorectal cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005 , 14, 856-62	4	26
57	pH-sensitive niosomes: Effects on cytotoxicity and on inflammation and pain in murine models. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 538-546	5.6	24
56	Ammonium glycyrrhizinate-loaded niosomes as a potential nanotherapeutic system for anti-inflammatory activity in murine models. <i>International Journal of Nanomedicine</i> , 2014 , 9, 635-51	7.3	24
55	Prosaposin: a new player in cell death prevention of U937 monocytic cells. <i>Experimental Cell Research</i> , 2004 , 298, 38-47	4.2	24
54	Simultaneous determination of eperisone hydrochloride and paracetamol in mouse plasma by high performance liquid chromatography-photodiode array detector. <i>Journal of Chromatography A</i> , 2015 , 1388, 79-86	4.5	22
53	Niosomes encapsulating Ibuprofen-cyclodextrin complexes: preparation and characterization. <i>Current Drug Targets</i> , 2013 , 14, 1070-8	3	22
52	pH-responsive chitosan based hydrogels affect the release of dapsone: Design, set-up, and physicochemical characterization. <i>International Journal of Biological Macromolecules</i> , 2019 , 133, 1268-1279	7.9	21
51	Immunogenicity of Polyethylene Glycol Based Nanomedicines: Mechanisms, Clinical Implications and Systematic Approach. <i>Advanced Therapeutics</i> , 2020 , 3, 1900170	4.9	20
50	Interaction of pH-sensitive non-phospholipid liposomes with cellular mimetic membranes. <i>Biomedical Microdevices</i> , 2013 , 15, 299-309	3.7	20
49	Acronychiabaueri Analogue Derivative-Loaded Ultradeformable Vesicles: Physicochemical Characterization and Potential Applications. <i>Planta Medica</i> , 2017 , 83, 482-491	3.1	19
48	Cell-associated ceramide in HIV-1-infected subjects. <i>Aids</i> , 1996 , 10, 675-6	3.5	19
47	Flow Cytometry Analysis of Circulating Extracellular Vesicle Subtypes from Fresh Peripheral Blood Samples. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	18
46	Potential dopamine prodrug-loaded liposomes: preparation, characterization, and in vitro stability studies. <i>Journal of Liposome Research</i> , 2010 , 20, 250-7	6.1	17
45	Use of Probiotics for Dermal Applications. <i>Microbiology Monographs</i> , 2011 , 221-241	0.8	16
44	Physicochemical characterization of pH-responsive and fusogenic self-assembled non-phospholipid vesicles for a potential multiple targeting therapy. <i>International Journal of Pharmaceutics</i> , 2017 , 528, 18-32	6.5	15
43	Hierarchical Microplates as Drug Depots with Controlled Geometry, Rigidity, and Therapeutic Efficacy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 9280-9289	9.5	15
42	Detection and Quantification of eDNA-Associated Bacterial Membrane Vesicles by Flow Cytometry. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	15

41	Oleuropein-Laded Ufasomes Improve the Nutraceutical Efficacy. <i>Nanomaterials</i> , 2021 , 11,	5.4	15
40	An insight of in vitro transport of PEGylated non-ionic surfactant vesicles (NSVs) across the intestinal polarized enterocyte monolayers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 127, 432-442	5.7	13
39	Nanotherapeutics for anti-inflammatory delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 32, 174-191	4.5	13
38	Deformable Surfactant Vesicles Loading Ammonium Glycyrrhizinate: Characterization and In Vitro Permeation Studies. <i>Letters in Drug Design and Discovery</i> , 2012 , 9, 494-499	0.8	13
37	Glycosyl and polyalcoholic prodrugs of lonidamine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 2445-50	2.9	13
36	Nose to Brain Delivery: New Trends in Amphiphile-Based "Soft" Nanocarriers. <i>Current Pharmaceutical Design</i> , 2015 , 21, 5225-32	3.3	13
35	Influence of the Supramolecular Micro-Assembly of Multiple Emulsions on their Biopharmaceutical Features and In vivo Therapeutic Response. <i>Current Drug Targets</i> , 2015 , 16, 1612-22	3	13
34	HPLC-FLD and spectrofluorometer apparatus: How to best detect fluorescent probe-loaded niosomes in biological samples. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 135, 575-580	6	12
33	Neurotrophic signalling pathway triggered by prosaposin in PC12 cells occurs through lipid rafts. <i>FEBS Journal</i> , 2008 , 275, 4903-12	5.7	12
32	Carbon Dioxide Hydration with Liposomes Entrapping Carbonic Anhydrase. <i>Journal of Liposome Research</i> , 1993 , 3, 639-648	6.1	12
31	Liposome-Embedding Silicon Microparticle for Oxaliplatin Delivery in Tumor Chemotherapy. <i>Pharmaceutics</i> , 2020 , 12,	6.4	11
30	Diffusion and Catalysis Processes in Unilamellar Liposomes. <i>Journal of Liposome Research</i> , 1992 , 2, 455-467	6.7	11
29	Colloidal supramolecular aggregates for therapeutic application in neuromedicine. <i>Current Medicinal Chemistry</i> , 2014 , 21, 4132-53	4.3	11
28	Simultaneous quantification of Gemcitabine and Irinotecan hydrochloride in rat plasma by using high performance liquid chromatography-diode array detector. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 159, 192-199	3.5	11
27	Extracellular vesicle therapeutics from plasma and adipose tissue. <i>Nano Today</i> , 2021 , 39, 101159-101159	7.9	10
26	A Simple and Quick Method for Loading Proteins in Extracellular Vesicles. <i>Pharmaceutics</i> , 2021 , 14,	5.2	9
25	Probiotics in Aging Skin 2010 , 811-820		8
24	Involvement of cPLA2 inhibition in dexamethasone-induced thymocyte apoptosis. <i>International Journal of Immunopathology and Pharmacology</i> , 2008 , 21, 539-51	3	8

23	Nano-bio interface between human plasma and niosomes with different formulations indicates protein corona patterns for nanoparticle cell targeting and uptake. <i>Nanoscale</i> , 2021 , 13, 5251-5269	7.7	8
22	Long Term Stability Evaluation of Prostacyclin Released from Biomedical Device through Turbiscan Lab Expert. <i>Medicinal Chemistry</i> , 2015 , 11, 391-9	1.8	7
21	Current Trends in Simultaneous Determination of Co-Administered Drugs. <i>Separations</i> , 2020 , 7, 29	3.1	6
20	Probiotics in Aging Skin 2017 , 1315-1327		6
19	Inhibitors and inactivators of beta-lactamase from Mycobacterium fortuitum. <i>Journal of Chemotherapy</i> , 1989 , 1, 293-7	2.3	5
18	Conventional Nanosized Drug Delivery Systems for Cancer Applications. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1295, 3-27	3.6	5
17	Doxorubicin Hydrochloride-Loaded Nonionic Surfactant Vesicles to Treat Metastatic and Non-Metastatic Breast Cancer. <i>ACS Omega</i> , 2021 , 6, 2973-2989	3.9	5
16	Polysorbate 20 Vesicles as Multi-drug Carriers: in Vitro Preliminary Evaluations. <i>Letters in Drug Design and Discovery</i> , 2013 , 10, 212-218	0.8	4
15	Combined antiviral therapy reduces HIV-1 plasma load and improves CD4 counts but does not interfere with ongoing lymphocyte apoptosis. <i>Immunopharmacology and Immunotoxicology</i> , 1999 , 21, 645-65	3.2	3
14	Nanoliposomes as Multidrug Carrier of Gemcitabine/Paclitaxel for the Effective Treatment of Metastatic Breast Cancer Disease: A Comparison with Gemzar and Taxol. <i>Advanced Therapeutics</i> , 2021 , 4, 2000121	4.9	3
13	Influence of drug/lipid interaction on the entrapment efficiency of isoniazid in liposomes for antitubercular therapy: a multi-faced investigation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 208, 112054	6.54	3
12	Tendon Tissue Repair in Prospective of Drug Delivery, Regenerative Medicines, and Innovative Bioscaffolds. <i>Stem Cells International</i> , 2021 , 2021, 1488829	5	2
11	Design, synthesis and characterization of a PEGylated stanozolol for potential therapeutic applications. <i>International Journal of Pharmaceutics</i> , 2020 , 573, 118826	6.5	2
10	EFFECT OF L-CARNITINE TREATMENT IN VIVO ON APOPTOSIS AND CERAMIDE GENERATION IN PERIPHERAL BLOOD LYMPHOCYTES FROM AIDS PATIENTS: CORRELATION WITH IN VITRO RESULTS. <i>Biochemical Society Transactions</i> , 1996 , 24, 618S-618S	5.1	1
9	Gene Transfer to Lentil Protoplasts by Lipofection and Electroporation. <i>Journal of Liposome Research</i> , 1993 , 3, 707-716	6.1	1
8	Liposome Internalization by Isolated Rat Hepatocytes. <i>Journal of Liposome Research</i> , 1993 , 3, 649-661	6.1	1
7	Niosomes 2013 , 65-90		1
6	Polysorbate 20 Vesicles as Multi-drug Carriers: in Vitro Preliminary Evaluations. <i>Letters in Drug Design and Discovery</i> , 2013 , 10, 212-218	0.8	

- 5 Alternative strategies other than growth hormone for the treatment of immune diseases. *Trends in Immunology*, **2001**, 22, 14-6 14.4
- 4 A Simplified Model for Liposome Aggregation and Fusion. *Journal of Liposome Research*, **1993**, 3, 687-695.1
- 3 Nanotechnology-based green and efficient alternatives for the management of plant diseases **2022**, 253-262
- 2 Effect of L-Carnitine on Human Immunodeficiency Virus-1 Infection-Associated Apoptosis: A Pilot Study. *Blood*, **1998**, 91, 3817-3824 2.2
- 1 Probiotics in Aging Skin **2015**, 1-13