

Christian Celia

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.

95
papers

3,601
citations

36
h-index

57
g-index

102
ext. papers

4,260
ext. citations

6
avg, IF

5.28
L-index

#	Paper	IF	Citations
95	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
94	Turbiscan lab expert analysis of the stability of ethosomes and ultradeformable liposomes containing a bilayer fluidizing agent. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009 , 72, 155-60	6	188
93	Mathematical Modeling of Release Kinetics from Supramolecular Drug Delivery Systems. <i>Pharmaceutics</i> , 2019 , 11,	6.4	152
92	Gemcitabine-loaded PEGylated unilamellar liposomes vs GEMZAR: biodistribution, pharmacokinetic features and in vivo antitumor activity. <i>Journal of Controlled Release</i> , 2010 , 144, 144-50	11.7	102
91	Polyethylene glycol (PEG)-dendron phospholipids as innovative constructs for the preparation of super stealth liposomes for anticancer therapy. <i>Journal of Controlled Release</i> , 2015 , 199, 106-13	11.7	100
90	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
89	Non-ionic surfactant vesicles in pulmonary glucocorticoid delivery: characterization and interaction with human lung fibroblasts. <i>Journal of Controlled Release</i> , 2010 , 147, 127-35	11.7	96
88	Effects of lipid composition and preparation conditions on physical-chemical properties, technological parameters and in vitro biological activity of gemcitabine-loaded liposomes. <i>Current Drug Delivery</i> , 2007 , 4, 89-101	3.2	85
87	Paclitaxel-loaded ethosomes : potential treatment of squamous cell carcinoma, a malignant transformation of actinic keratoses. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 81, 102-12	5.7	84
86	Shrinkage of pegylated and non-pegylated liposomes in serum. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 114, 294-300	6	79
85	Targeting the thyroid gland with thyroid-stimulating hormone (TSH)-nanoliposomes. <i>Biomaterials</i> , 2014 , 35, 7101-9	15.6	74
84	Novel PEG-coated niosomes based on bola-surfactant as drug carriers for 5-fluorouracil. <i>Biomedical Microdevices</i> , 2009 , 11, 1115-25	3.7	73
83	Ethosomes and transfersomes containing linoleic acid: physicochemical and technological features of topical drug delivery carriers for the potential treatment of melasma disorders. <i>Biomedical Microdevices</i> , 2012 , 14, 119-30	3.7	72
82	Colloidal carriers for the enhanced delivery through the skin. <i>Expert Opinion on Drug Delivery</i> , 2008 , 5, 737-55	8	68
81	In vitro and in vivo evaluation of Bola-surfactant containing niosomes for transdermal delivery. <i>Biomedical Microdevices</i> , 2007 , 9, 421-33	3.7	68
80	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
79	Evaluation of anticancer activity of celastrol liposomes in prostate cancer cells. <i>Journal of Microencapsulation</i> , 2014 , 31, 501-7	3.4	64

78	The solid progress of nanomedicine. <i>Drug Delivery and Translational Research</i> , 2020 , 10, 726-729	6.2	60
77	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
76	In vivo activity of gemcitabine-loaded PEGylated small unilamellar liposomes against pancreatic cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2009 , 64, 1009-20	3.5	58
75	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
74	Liposomal chemotherapeutics. <i>Future Oncology</i> , 2013 , 9, 1849-59	3.6	55
73	Folate-targeted supramolecular vesicular aggregates based on polyaspartyl-hydrazide copolymers for the selective delivery of antitumoral drugs. <i>Biomaterials</i> , 2010 , 31, 7340-54	15.6	55
72	Improved in vitro and in vivo collagen biosynthesis by asiaticoside-loaded ultradeformable vesicles. <i>Journal of Controlled Release</i> , 2012 , 162, 143-51	11.7	54
71	Polyethylenimine and chitosan carriers for the delivery of RNA interference effectors. <i>Expert Opinion on Drug Delivery</i> , 2013 , 10, 1653-68	8	54
70	Mild hyperthermia enhances transport of liposomal gemcitabine and improves in vivo therapeutic response. <i>Advanced Healthcare Materials</i> , 2015 , 4, 1092-103	10.1	51
69	Detection and Physicochemical Characterization of Membrane Vesicles (MVs) of DSM 17938. <i>Frontiers in Microbiology</i> , 2017 , 8, 1040	5.7	48
68	Nanoparticulate devices for brain drug delivery. <i>Medicinal Research Reviews</i> , 2011 , 31, 716-56	14.4	47
67	Liposomal delivery improves the growth-inhibitory and apoptotic activity of low doses of gemcitabine in multiple myeloma cancer cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2008 , 4, 155-66	6	46
66	Improved in vitro anti-tumoral activity, intracellular uptake and apoptotic induction of gemcitabine-loaded pegylated unilamellar liposomes. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 2102-13	1.3	45
65	Gemcitabine-loaded innovative nanocarriers vs GEMZAR: biodistribution, pharmacokinetic features and in vivo antitumor activity. <i>Expert Opinion on Drug Delivery</i> , 2011 , 8, 1609-29	8	44
64	Supramolecular devices to improve the treatment of brain diseases. <i>Drug Discovery Today</i> , 2011 , 16, 3118-24	14.4	44
63	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
62	Sustained zero-order release of intact ultra-stable drug-loaded liposomes from an implantable nanochannel delivery system. <i>Advanced Healthcare Materials</i> , 2014 , 3, 230-8	10.1	42
61	Anticancer activity of all-trans retinoic acid-loaded liposomes on human thyroid carcinoma cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 150, 408-416	6	38

60	Niosomes as Drug Nanovectors: Multiscale pH-Dependent Structural Response. <i>Langmuir</i> , 2016 , 32, 12414-9	4	37
59	pH-responsive cationic liposome for endosomal escape mediated drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 188, 110804	6	35
58	Retinoids: new use by innovative drug-delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2009 , 6, 465-838		35
57	Paclitaxel-loaded sodium deoxycholate-stabilized zein nanoparticles: characterization and cytotoxicity. <i>Heliyon</i> , 2019 , 5, e02422	3.6	34
56	Overcoming Nanoparticle-Mediated Complement Activation by Surface PEG Pairing. <i>Nano Letters</i> , 2020 , 20, 4312-4321	11.5	34
55	Folate-targeted supramolecular vesicular aggregates as a new frontier for effective anticancer treatment in in vivo model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 82, 94-102	5.7	32
54	Mathematical Models as Tools to Predict the Release Kinetic of Fluorescein from Lyotropic Colloidal Liquid Crystals. <i>Materials</i> , 2019 , 12,	3.5	31
53	Multistage vector delivery of sulindac and silymarin for prevention of colon cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 694-703	6	31
52	Hesperetin Liposomes for Cancer Therapy. <i>Current Drug Delivery</i> , 2016 , 13, 711-9	3.2	29
51	Etoposide-loaded immunoliposomes as active targeting agents for GD2-positive malignancies. <i>Cancer Biology and Therapy</i> , 2014 , 15, 851-61	4.6	28
50	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
49	Interaction between PEG lipid and DSPE/DSPC phospholipids: An insight of PEGylation degree and kinetics of de-PEGylation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 155, 266-275	6	27
48	Bioactive isoflavones from Pueraria lobata root and starch: Different extraction techniques and carbonic anhydrase inhibition. <i>Food and Chemical Toxicology</i> , 2018 , 112, 441-447	4.7	27
47	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
46	Lipophilic hydroxytyrosol esters: fatty acid conjugates for potential topical administration. <i>Journal of Natural Products</i> , 2011 , 74, 2377-81	4.9	26
45	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
44	Bisphosphonate-polyaspartamide conjugates as bone targeted drug delivery systems. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 250-259	7.3	23
43	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

42	pH-responsive chitosan based hydrogels affect the release of dapsons: Design, set-up, and physicochemical characterization. <i>International Journal of Biological Macromolecules</i> , 2019 , 133, 1268-1279	7.9	21
41	Immunogenicity of Polyethylene Glycol Based Nanomedicines: Mechanisms, Clinical Implications and Systematic Approach. <i>Advanced Therapeutics</i> , 2020 , 3, 1900170	4.9	20
40	Interaction of pH-sensitive non-phospholipid liposomes with cellular mimetic membranes. <i>Biomedical Microdevices</i> , 2013 , 15, 299-309	3.7	20
39	Acronychiabaueri Analogue Derivative-Loaded Ultradeformable Vesicles: Physicochemical Characterization and Potential Applications. <i>Planta Medica</i> , 2017 , 83, 482-491	3.1	19
38	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
37	LinTT1 peptide-functionalized liposomes for targeted breast cancer therapy. <i>International Journal of Pharmaceutics</i> , 2021 , 597, 120346	6.5	17
36	Post-insertion parameters of PEG-derivatives in phosphocholine-liposomes. <i>International Journal of Pharmaceutics</i> , 2018 , 552, 414-421	6.5	17
35	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
34	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
33	Detection and Quantification of eDNA-Associated Bacterial Membrane Vesicles by Flow Cytometry. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	15
32	In vitro and in vivo trans-epidermal water loss evaluation following topical drug delivery systems application for pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 186, 113295	3.5	14
31	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
30	Nanotherapeutics for anti-inflammatory delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 32, 174-191	4.5	13
29	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
28	Liposome-Embedding Silicon Microparticle for Oxaliplatin Delivery in Tumor Chemotherapy. <i>Pharmaceutics</i> , 2020 , 12,	6.4	11
27	Colloidal supramolecular aggregates for therapeutic application in neuromedicine. <i>Current Medicinal Chemistry</i> , 2014 , 21, 4132-53	4.3	11
26	Design and Characterization of Sodium Alginate and Poly(vinyl) Alcohol Hydrogels for Enhanced Skin Delivery of Quercetin. <i>Pharmaceutics</i> , 2020 , 12,	6.4	11
25	Diameters and Fluorescence Calibration for Extracellular Vesicle Analyses by Flow Cytometry. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11

24	Nanonutraceuticals: The New Frontier of Supplementary Food. <i>Nanomaterials</i> , 2021 , 11,	5.4	11
23	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
22	Physicochemical properties of inclusion complexes of highly soluble β -cyclodextrins with highly hydrophobic testosterone propionate. <i>International Journal of Pharmaceutics</i> , 2017 , 534, 316-324	6.5	10
21	Differential scanning calorimetry as a tool to investigate the transfer of anticancer drugs to biomembrane model. <i>Current Drug Targets</i> , 2013 , 14, 1053-60	3	10
20	Penetration Enhancer-Containing Vesicles: Does the Penetration Enhancer Structure Affect Topical Drug Delivery?. <i>Current Drug Targets</i> , 2015 , 16, 1438-47	3	10
19	Extracellular vesicle therapeutics from plasma and adipose tissue. <i>Nano Today</i> , 2021 , 39, 101159-101159	7.9	10
18	Cell Membrane-Based Nanoreactor To Mimic the Bio-Compartmentalization Strategy of a Cell. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 1471-1478	5.5	9
17	A novel animal model to evaluate the ability of a drug delivery system to promote the passage through the BBB. <i>Neuroscience Letters</i> , 2010 , 469, 93-6	3.3	9
16	Ghee Butter as a Therapeutic Delivery System. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 977-82	1.3	8
15	Cationic Supramolecular Vesicular Aggregates for Pulmonary Tissue Selective Delivery in Anticancer Therapy. <i>ChemMedChem</i> , 2016 , 11, 1734-44	3.7	8
14	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
13	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
12	Current Trends in Simultaneous Determination of Co-Administered Drugs. <i>Separations</i> , 2020 , 7, 29	3.1	6
11	Validated RP-HPLC method for the simultaneous analysis of gemcitabine and LY-364947 in liposomal formulations. <i>Current Drug Targets</i> , 2013 , 14, 1061-9	3	6
10	Polydocanol foam stabilized by liposomes: Supramolecular nanoconstructs for sclerotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 175, 469-476	6	6
9	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
8	In Vitro Evaluation of the Activity of Gemcitabine-Loaded Pegylated Unilamellar Liposomes Against Papillary Thyroid Cancer Cells. <i>Open Drug Delivery Journal</i> , 2010 , 4, 55-62		4
7	Neonatal Fc receptor-targeted lignin-encapsulated porous silicon nanoparticles for enhanced cellular interactions and insulin permeation across the intestinal epithelium. <i>Bioactive Materials</i> , 2022 , 9, 299-315	16.7	4

6	Challenges towards Targeted Drug Delivery in Cancer Nanomedicines. <i>Processes</i> , 2021 , 9, 1527	2.9	4
5	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
4	Tendon Tissue Repair in Prospective of Drug Delivery, Regenerative Medicines, and Innovative Bioscaffolds. <i>Stem Cells International</i> , 2021 , 2021, 1488829	5	2
3	Design, synthesis and characterization of a PEGylated stanozolol for potential therapeutic applications. <i>International Journal of Pharmaceutics</i> , 2020 , 573, 118826	6.5	2
2	Praziquantel-loaded calcite crystals: Synthesis, physicochemical characterization, and biopharmaceutical properties of inorganic biomaterials for drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 68, 103021	4.5	0
1	Nanotechnology-based green and efficient alternatives for the management of plant diseases 2022 , 253-262		