

# Christian Celia

## List of Publications by Year in descending order

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99  
papers

4,942  
citations

66343  
42  
h-index

98798  
67  
g-index

102  
all docs

102  
docs citations

102  
times ranked

6248  
citing authors

#	ARTICLE	IF	CITATIONS
1	Niosomes from 80s to present: The state of the art. <i>Advances in Colloid and Interface Science</i> , 2014, 205, 187-206.	14.7	371
2	Mathematical Modeling of Release Kinetics from Supramolecular Drug Delivery Systems. <i>Pharmaceutics</i> , 2019, 11, 140.	4.5	289
3	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, 155-160.	5.0	233
4	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, 106-113.	9.9	125
5	Anticancer activity of liposomal bergamot essential oil (BEO) on human neuroblastoma cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 112, 548-553.	5.0	122
6	Gemcitabine-loaded PEGylated unilamellar liposomes vs GEMZAR®: Biodistribution, pharmacokinetic features and in vivo antitumor activity. <i>Journal of Controlled Release</i> , 2010, 144, 144-150.	9.9	109
7	Non-ionic surfactant vesicles in pulmonary glucocorticoid delivery: Characterization and interaction with human lung fibroblasts. <i>Journal of Controlled Release</i> , 2010, 147, 127-135.	9.9	107
8	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, 102-112.	4.3	100
9	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.	1.6	97
10	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.	3.5	97
11	Shrinkage of pegylated and non-pegylated liposomes in serum. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 294-300.	5.0	96
12	The solid progress of nanomedicine. <i>Drug Delivery and Translational Research</i> , 2020, 10, 726-729.	5.8	91
13	Novel PEG-coated niosomes based on bola-surfactant as drug carriers for 5-fluorouracil. <i>Biomedical Microdevices</i> , 2009, 11, 1115-1125.	2.8	89
14	Targeting the thyroid gland with thyroid-stimulating hormone (TSH)-nanoliposomes. <i>Biomaterials</i> , 2014, 35, 7101-7109.	11.4	88
15	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, 119-130.	2.8	83
16	In vitro and in vivo evaluation of Bola-surfactant containing niosomes for transdermal delivery. <i>Biomedical Microdevices</i> , 2007, 9, 421-433.	2.8	81
17	Evaluation of anticancer activity of celastrol liposomes in prostate cancer cells. <i>Journal of Microencapsulation</i> , 2014, 31, 501-507.	2.8	80
18	Detection and Physicochemical Characterization of Membrane Vesicles (MVs) of <i>Lactobacillus reuteri</i> DSM 17938. <i>Frontiers in Microbiology</i> , 2017, 8, 1040.	3.5	80

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19	Colloidal carriers for the enhanced delivery through the skin. Expert Opinion on Drug Delivery, 2008, 5, 737-755.	5.0	79
20	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. Journal of Chromatography A, 2015, 1419, 58-66.	3.7	71
21	Aqueous-core PEG-coated PLA nanocapsules for an efficient entrapment of water soluble anticancer drugs and a smart therapeutic response. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 89, 30-39.	4.3	71
22	Improved in vitro and in vivo collagen biosynthesis by asiaticoside-loaded ultradeformable vesicles. Journal of Controlled Release, 2012, 162, 143-151.	9.9	70
23	Overcoming Nanoparticle-Mediated Complement Activation by Surface PEG Pairing. Nano Letters, 2020, 20, 4312-4321.	9.1	70
24	Polyethylenimine and chitosan carriers for the delivery of RNA interference effectors. Expert Opinion on Drug Delivery, 2013, 10, 1653-1668.	5.0	65
25	pH-responsive cationic liposome for endosomal escape mediated drug delivery. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110804.	5.0	65
26	In vivo activity of gemcitabine-loaded PEGylated small unilamellar liposomes against pancreatic cancer. Cancer Chemotherapy and Pharmacology, 2009, 64, 1009-1020.	2.3	62
27	Liposomal chemotherapeutics. Future Oncology, 2013, 9, 1849-1859.	2.4	61
28	Folate-targeted supramolecular vesicular aggregates based on polyaspartyl-hydrazide copolymers for the selective delivery of antitumoral drugs. Biomaterials, 2010, 31, 7340-7354.	11.4	58
29	Mild Hyperthermia Enhances Transport of Liposomal Gemcitabine and Improves In Vivo Therapeutic Response. Advanced Healthcare Materials, 2015, 4, 1092-1103.	7.6	56
30	Anticancer activity of all- trans retinoic acid-loaded liposomes on human thyroid carcinoma cells. Colloids and Surfaces B: Biointerfaces, 2017, 150, 408-416.	5.0	54
31	Nanoparticulate devices for brain drug delivery. Medicinal Research Reviews, 2011, 31, 716-756.	10.5	53
32	Liposomal delivery improves the growth-inhibitory and apoptotic activity of low doses of gemcitabine in multiple myeloma cancer cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2008, 4, 155-166.	3.3	52
33	Paclitaxel-loaded sodium deoxycholate-stabilized zein nanoparticles: characterization and in vitro cytotoxicity. Heliyon, 2019, 5, e02422.	3.2	51
34	Bioactive isoflavones from Pueraria lobata root and starch: Different extraction techniques and carbonic anhydrase inhibition. Food and Chemical Toxicology, 2018, 112, 441-447.	3.6	50
35	Supramolecular devices to improve the treatment of brain diseases. Drug Discovery Today, 2011, 16, 311-324.	6.4	49
36	Mathematical Models as Tools to Predict the Release Kinetic of Fluorescein from Lyotropic Colloidal Liquid Crystals. Materials, 2019, 12, 693.	2.9	49

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37	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.	5.0	49
38	Gemcitabine-loaded innovative nanocarriers vs GEMZAR: Biodistribution, pharmacokinetic features and <i>in vivo</i> antitumor activity. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 1609-1629.	5.0	48
39	Sustained Zero-Order Release of Intact Ultra-Stable Drug-Loaded Liposomes from an Implantable Nanochannel Delivery System. <i>Advanced Healthcare Materials</i> , 2014, 3, 230-238.	7.6	48
40	Flow Cytometry Analysis of Circulating Extracellular Vesicle Subtypes from Fresh Peripheral Blood Samples. <i>International Journal of Molecular Sciences</i> , 2021, 22, 48.	4.1	47
41	Improved <i>In Vitro</i> Anti-Tumoral Activity, Intracellular Uptake and Apoptotic Induction of Gemcitabine-Loaded Pegylated Unilamellar Liposomes. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 2102-2113.	0.9	46
42	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.	5.2	46
43	LinTT1 peptide-functionalized liposomes for targeted breast cancer therapy. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120346.	5.2	45
44	Retinoids: new use by innovative drug-delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 465-483.	5.0	42
45	Folate-targeted supramolecular vesicular aggregates as a new frontier for effective anticancer treatment in <i>in vivo</i> model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 82, 94-102.	4.3	42
46	Niosomes as Drug Nanovectors: Multiscale pH-Dependent Structural Response. <i>Langmuir</i> , 2016, 32, 1241-1249.	3.5	42
47	Immunogenicity of Polyethylene Glycol Based Nanomedicines: Mechanisms, Clinical Implications and Systematic Approach. <i>Advanced Therapeutics</i> , 2020, 3, 1900170.	3.2	42
48	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.	5.0	41
49	Multistage vector delivery of sulindac and silymarin for prevention of colon cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 694-703.	5.0	39
50	Hesperetin Liposomes for Cancer Therapy. <i>Current Drug Delivery</i> , 2016, 13, 711-719.	1.6	39
51	pH-responsive chitosan based hydrogels affect the release of dapson: Design, set-up, and physicochemical characterization. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 1268-1279.	7.5	39
52	Analysis of imidazoles and triazoles in biological samples after MicroExtraction by packed sorbent. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 1053-1063.	5.2	37
53	Etoposide-loaded immunoliposomes as active targeting agents for CD2-positive malignancies. <i>Cancer Biology and Therapy</i> , 2014, 15, 851-861.	3.4	36
54	Challenges towards Targeted Drug Delivery in Cancer Nanomedicines. <i>Processes</i> , 2021, 9, 1527.	2.8	36

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55	Lipophilic Hydroxytyrosol Esters: Fatty Acid Conjugates for Potential Topical Administration. Journal of Natural Products, 2011, 74, 2377-2381.	3.0	35
56	Design and Characterization of Sodium Alginate and Poly(vinyl) Alcohol Hydrogels for Enhanced Skin Delivery of Quercetin. Pharmaceutics, 2020, 12, 1149.	4.5	35
57	Diameters and Fluorescence Calibration for Extracellular Vesicle Analyses by Flow Cytometry. International Journal of Molecular Sciences, 2020, 21, 7885.	4.1	35
58	Nanonutraceuticals: The New Frontier of Supplementary Food. Nanomaterials, 2021, 11, 792.	4.1	34
59	Ammonium glycyrrhizinate-loaded niosomes as a potential nanotherapeutic system for anti-inflammatory activity in murine models. International Journal of Nanomedicine, 2014, 9, 635.	6.7	32
60	Extracellular vesicle therapeutics from plasma and adipose tissue. Nano Today, 2021, 39, 101159.	11.9	32
61	Doxorubicin Hydrochloride-Loaded Nonionic Surfactant Vesicles to Treat Metastatic and Non-Metastatic Breast Cancer. ACS Omega, 2021, 6, 2973-2989.	3.5	30
62	Post-insertion parameters of PEG-derivatives in phosphocholine-liposomes. International Journal of Pharmaceutics, 2018, 552, 414-421.	5.2	29
63	Bisphosphonate-polyaspartamide conjugates as bone targeted drug delivery systems. Journal of Materials Chemistry B, 2015, 3, 250-259.	5.8	28
64	Simultaneous determination of eperisone hydrochloride and paracetamol in mouse plasma by high performance liquid chromatography-photodiode array detector. Journal of Chromatography A, 2015, 1388, 79-86.	3.7	26
65	In vitro and in vivo trans-epidermal water loss evaluation following topical drug delivery systems application for pharmaceutical analysis. Journal of Pharmaceutical and Biomedical Analysis, 2020, 186, 113295.	2.8	25
66	Physicochemical characterization of pH-responsive and fusogenic self-assembled non-phospholipid vesicles for a potential multiple targeting therapy. International Journal of Pharmaceutics, 2017, 528, 18-32.	5.2	23
67	Acronychiabaueri Analogue Derivative-Loaded Ultradeformable Vesicles: Physicochemical Characterization and Potential Applications. Planta Medica, 2017, 83, 482-491.	1.3	23
68	Liposome-Embedding Silicon Microparticle for Oxaliplatin Delivery in Tumor Chemotherapy. Pharmaceutics, 2020, 12, 559.	4.5	23
69	Neonatal Fc receptor-targeted lignin-encapsulated porous silicon nanoparticles for enhanced cellular interactions and insulin permeation across the intestinal epithelium. Bioactive Materials, 2022, 9, 299-315.	15.6	23
70	Interaction of pH-sensitive non-phospholipid liposomes with cellular mimetic membranes. Biomedical Microdevices, 2013, 15, 299-309.	2.8	22
71	Nanotherapeutics for anti-inflammatory delivery. Journal of Drug Delivery Science and Technology, 2016, 32, 174-191.	3.0	21
72	Detection and Quantification of eDNA-Associated Bacterial Membrane Vesicles by Flow Cytometry. International Journal of Molecular Sciences, 2019, 20, 5307.	4.1	21

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73	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.	5.6	19
74	Hierarchical Microplates as Drug Depots with Controlled Geometry, Rigidity, and Therapeutic Efficacy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 9280-9289.	8.0	18
75	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.	2.8	17
76	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, .	3.2	17
77	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.	4.3	16
78	Cell Membrane-Based Nanoreactor To Mimic the Bio-Compartmentalization Strategy of a Cell. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 1471-1478.	5.2	15
79	Tendon Tissue Repair in Prospective of Drug Delivery, Regenerative Medicines, and Innovative Bioscaffolds. <i>Stem Cells International</i> , 2021, 2021, 1-23.	2.5	14
80	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.	5.0	12
81	Penetration Enhancer-Containing Vesicles: Does the Penetration Enhancer Structure Affect Topical Drug Delivery?. <i>Current Drug Targets</i> , 2015, 16, 1438-1447.	2.1	12
82	Physicochemical properties of inclusion complexes of highly soluble $\beta$ -cyclodextrins with highly hydrophobic testosterone propionate. <i>International Journal of Pharmaceutics</i> , 2017, 534, 316-324.	5.2	11
83	Chee Butter as a Therapeutic Delivery System. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 977-982.	0.9	11
84	Colloidal Supramolecular Aggregates for Therapeutic Application in Neuromedicine. <i>Current Medicinal Chemistry</i> , 2014, 21, 4132-4153.	2.4	11
85	Differential Scanning Calorimetry as a Tool to Investigate the Transfer of Anticancer Drugs to Biomembrane Model. <i>Current Drug Targets</i> , 2013, 14, 1053-1060.	2.1	11
86	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, 93-96.	2.1	10
87	Cationic Supramolecular Vesicular Aggregates for Pulmonary Tissue Selective Delivery in Anticancer Therapy. <i>ChemMedChem</i> , 2016, 11, 1734-1744.	3.2	9
88	Long Term Stability Evaluation of Prostacyclin Released from Biomedical Device through Turbiscan Lab Expert. <i>Medicinal Chemistry</i> , 2015, 11, 391-399.	1.5	8
89	Polydocanol foam stabilized by liposomes: Supramolecular nanoconstructs for sclerotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 469-476.	5.0	7
90	Current Trends in Simultaneous Determination of Co-Administered Drugs. <i>Separations</i> , 2020, 7, 29.	2.4	7

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91	In Vitro Evaluation of the Activity of Gemcitabine-Loaded Pegylated Unilamellar Liposomes Against Papillary Thyroid Cancer Cells~!2010-04-18~!2010-06-27~!2010-08-23~!. Open Drug Delivery Journal, 2010, 4, 55-62.	2.0	7
92	Validated RP-HPLC Method for the Simultaneous Analysis of Gemcitabine and LY-364947 in Liposomal Formulations. Current Drug Targets, 2013, 14, 1061-1069.	2.1	6
93	Multidrug Idebenone/Naproxen Co~!loaded Aspasomes for Significant in~!vivo Anti~!inflammatory Activity. ChemMedChem, 2022, 17, .	3.2	6
94	Design, synthesis and characterization of a PEGylated stanozolol for potential therapeutic applications. International Journal of Pharmaceutics, 2020, 573, 118826.	5.2	3
95	Advanced Nanosystems for Clinical Translation. Advanced Therapeutics, 2021, 4, 2000215.	3.2	3
96	Praziquantel-loaded calcite crystals: Synthesis, physicochemical characterization, and biopharmaceutical properties of inorganic biomaterials for drug delivery. Journal of Drug Delivery Science and Technology, 2022, 68, 103021.	3.0	2
97	Editorial (Thematic Issue: Supramolecular Systems in Nanomedicines: Therapeutic Applications and) Tj ETQq1 1 0.784314 rgBT /Overl	2.1	0
98	Editorial (Thematic Issue: Supramolecular Systems in Nanomedicines: Therapeutic Applications and) Tj ETQq0 0 0 rgBT /Overl	2.1	0
99	Nanotechnology-based green and efficient alternatives for the management of plant diseases. , 2022, , 253-262.		0