

Christian Celia

List of Publications by Year in descending order

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99
papers

4,942
citations

66234

42
h-index

98622

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.	7.0	371
2	Mathematical Modeling of Release Kinetics from Supramolecular Drug Delivery Systems. <i>Pharmaceutics</i> , 2019, 11, 140.	2.0	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.	2.5	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.	4.8	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.	2.5	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.	4.8	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.	4.8	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.	2.0	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.	0.8	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.	1.5	97
11	Shrinkage of pegylated and non-pegylated liposomes in serum. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 294-300.	2.5	96
12	The solid progress of nanomedicine. <i>Drug Delivery and Translational Research</i> , 2020, 10, 726-729.	3.0	91
13	Novel PEG-coated niosomes based on bola-surfactant as drug carriers for 5-fluorouracil. <i>Biomedical Microdevices</i> , 2009, 11, 1115-1125.	1.4	89
14	Targeting the thyroid gland with thyroid-stimulating hormone (TSH)-nanoliposomes. <i>Biomaterials</i> , 2014, 35, 7101-7109.	5.7	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.	1.4	83
16	In vitro and in vivo evaluation of Bola-surfactant containing niosomes for transdermal delivery. <i>Biomedical Microdevices</i> , 2007, 9, 421-433.	1.4	81
17	Evaluation of anticancer activity of celastrol liposomes in prostate cancer cells. <i>Journal of Microencapsulation</i> , 2014, 31, 501-507.	1.2	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.	1.5	80

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19	Colloidal carriers for the enhanced delivery through the skin. <i>Expert Opinion on Drug Delivery</i> , 2008, 5, 737-755.	2.4	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. <i>Journal of Chromatography A</i> , 2015, 1419, 58-66.	1.8	71
21	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, 30-39.	2.0	71
22	Improved in vitro and in vivo collagen biosynthesis by asiaticoside-loaded ultradeformable vesicles. <i>Journal of Controlled Release</i> , 2012, 162, 143-151.	4.8	70
23	Overcoming Nanoparticle-Mediated Complement Activation by Surface PEG Pairing. <i>Nano Letters</i> , 2020, 20, 4312-4321.	4.5	70
24	Polyethylenimine and chitosan carriers for the delivery of RNA interference effectors. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 1653-1668.	2.4	65
25	pH-responsive cationic liposome for endosomal escape mediated drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110804.	2.5	65
26	In vivo activity of gemcitabine-loaded PEGylated small unilamellar liposomes against pancreatic cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2009, 64, 1009-1020.	1.1	62
27	Liposomal chemotherapeutics. <i>Future Oncology</i> , 2013, 9, 1849-1859.	1.1	61
28	Folate-targeted supramolecular vesicular aggregates based on polyaspartyl-hydrazide copolymers for the selective delivery of antitumoral drugs. <i>Biomaterials</i> , 2010, 31, 7340-7354.	5.7	58
29	Mild Hyperthermia Enhances Transport of Liposomal Gemcitabine and Improves In Vivo Therapeutic Response. <i>Advanced Healthcare Materials</i> , 2015, 4, 1092-1103.	3.9	56
30	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.	2.5	54
31	Nanoparticulate devices for brain drug delivery. <i>Medicinal Research Reviews</i> , 2011, 31, 716-756.	5.0	53
32	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, 155-166.	1.7	52
33	Paclitaxel-loaded sodium deoxycholate-stabilized zein nanoparticles: characterization and in vitro cytotoxicity. <i>Heliyon</i> , 2019, 5, e02422.	1.4	51
34	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.	1.8	50
35	Supramolecular devices to improve the treatment of brain diseases. <i>Drug Discovery Today</i> , 2011, 16, 311-324.	3.2	49
36	Mathematical Models as Tools to Predict the Release Kinetic of Fluorescein from Lyotropic Colloidal Liquid Crystals. <i>Materials</i> , 2019, 12, 693.	1.3	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.	2.5	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.	2.4	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.	3.9	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.	1.8	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.	2.5	46
43	LinTT1 peptide-functionalized liposomes for targeted breast cancer therapy. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120346.	2.6	45
44	Retinoids: new use by innovative drug-delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 465-483.	2.4	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.	2.0	42
46	Niosomes as Drug Nanovectors: Multiscale pH-Dependent Structural Response. <i>Langmuir</i> , 2016, 32, 1241-1249.	1.6	42
47	Immunogenicity of Polyethylene Glycol Based Nanomedicines: Mechanisms, Clinical Implications and Systematic Approach. <i>Advanced Therapeutics</i> , 2020, 3, 1900170.	1.6	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.	2.5	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.	2.5	39
50	Hesperetin Liposomes for Cancer Therapy. <i>Current Drug Delivery</i> , 2016, 13, 711-719.	0.8	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.	3.6	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.	2.5	37
53	Etoposide-loaded immunoliposomes as active targeting agents for GD2-positive malignancies. <i>Cancer Biology and Therapy</i> , 2014, 15, 851-861.	1.5	36
54	Challenges towards Targeted Drug Delivery in Cancer Nanomedicines. <i>Processes</i> , 2021, 9, 1527.	1.3	36

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55	Lipophilic Hydroxytyrosol Esters: Fatty Acid Conjugates for Potential Topical Administration. <i>Journal of Natural Products</i> , 2011, 74, 2377-2381.	1.5	35
56	Design and Characterization of Sodium Alginate and Poly(vinyl) Alcohol Hydrogels for Enhanced Skin Delivery of Quercetin. <i>Pharmaceutics</i> , 2020, 12, 1149.	2.0	35
57	Diameters and Fluorescence Calibration for Extracellular Vesicle Analyses by Flow Cytometry. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7885.	1.8	35
58	Nanonutraceuticals: The New Frontier of Supplementary Food. <i>Nanomaterials</i> , 2021, 11, 792.	1.9	34
59	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.	3.3	32
60	Extracellular vesicle therapeutics from plasma and adipose tissue. <i>Nano Today</i> , 2021, 39, 101159.	6.2	32
61	Doxorubicin Hydrochloride-Loaded Nonionic Surfactant Vesicles to Treat Metastatic and Non-Metastatic Breast Cancer. <i>ACS Omega</i> , 2021, 6, 2973-2989.	1.6	30
62	Post-insertion parameters of PEG-derivatives in phosphocholine-liposomes. <i>International Journal of Pharmaceutics</i> , 2018, 552, 414-421.	2.6	29
63	Bisphosphonate-polyaspartamide conjugates as bone targeted drug delivery systems. <i>Journal of Materials Chemistry B</i> , 2015, 3, 250-259.	2.9	28
64	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.	1.8	26
65	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.	1.4	25
66	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.	2.6	23
67	Acronychiabuaueri Analogue Derivative-Loaded Ultradeformable Vesicles: Physicochemical Characterization and Potential Applications. <i>Planta Medica</i> , 2017, 83, 482-491.	0.7	23
68	Liposome-Embedding Silicon Microparticle for Oxaliplatin Delivery in Tumor Chemotherapy. <i>Pharmaceutics</i> , 2020, 12, 559.	2.0	23
69	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.	8.6	23
70	Interaction of pH-sensitive non-phospholipid liposomes with cellular mimetic membranes. <i>Biomedical Microdevices</i> , 2013, 15, 299-309.	1.4	22
71	Nanotherapeutics for anti-inflammatory delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 32, 174-191.	1.4	21
72	Detection and Quantification of eDNA-Associated Bacterial Membrane Vesicles by Flow Cytometry. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5307.	1.8	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.	2.8	19
74	Hierarchical Microplates as Drug Depots with Controlled Geometry, Rigidity, and Therapeutic Efficacy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 9280-9289.	4.0	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.	1.4	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, .	1.6	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.	2.0	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.	2.6	15
79	Tendon Tissue Repair in Prospective of Drug Delivery, Regenerative Medicines, and Innovative Bioscaffolds. <i>Stem Cells International</i> , 2021, 2021, 1-23.	1.2	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.	2.5	12
81	Penetration Enhancer-Containing Vesicles: Does the Penetration Enhancer Structure Affect Topical Drug Delivery?. <i>Current Drug Targets</i> , 2015, 16, 1438-1447.	1.0	12
82	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.	2.6	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.	1.2	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.	1.0	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.	1.0	10
87	Cationic Supramolecular Vesicular Aggregates for Pulmonary Tissue Selective Delivery in Anticancer Therapy. <i>ChemMedChem</i> , 2016, 11, 1734-1744.	1.6	9
88	Long Term Stability Evaluation of Prostacyclin Released from Biomedical Device through Turbiscan Lab Expert. <i>Medicinal Chemistry</i> , 2015, 11, 391-399.	0.7	8
89	Polydocanol foam stabilized by liposomes: Supramolecular nanoconstructs for sclerotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 469-476.	2.5	7
90	Current Trends in Simultaneous Determination of Co-Administered Drugs. <i>Separations</i> , 2020, 7, 29.	1.1	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.	1.0	6
93	Multidrug Idebenone/Naproxen Co-loaded Aspasomes for Significant in vivo Anti-inflammatory Activity. ChemMedChem, 2022, 17, .	1.6	6
94	Design, synthesis and characterization of a PEGylated stanozolol for potential therapeutic applications. International Journal of Pharmaceutics, 2020, 573, 118826.	2.6	3
95	Advanced Nanosystems for Clinical Translation. Advanced Therapeutics, 2021, 4, 2000215.	1.6	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.	1.4	2
97	Editorial (Thematic Issue: Supramolecular Systems in Nanomedicines: Therapeutic Applications and) Tj ETQq1 1 0.784314 rgBT /Overl	1.0	0
98	Editorial (Thematic Issue: Supramolecular Systems in Nanomedicines: Therapeutic Applications and) Tj ETQq0 0 0 rgBT /Overlçck 10 Tf 5	1.0	0
99	Nanotechnology-based green and efficient alternatives for the management of plant diseases. , 2022, , 253-262.		0