

Rita Cortesi

List of Publications by Year in descending order

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140
papers

4,632
citations

87888

38
h-index

123424

61
g-index

142
all docs

142
docs citations

142
times ranked

5188
citing authors

#	ARTICLE	IF	CITATIONS
1	Cubosome Dispersions as Delivery Systems for Percutaneous Administration of Indomethacin. <i>Pharmaceutical Research</i> , 2005, 22, 2163-2173.	3.5	237
2	Production of lipospheres as carriers for bioactive compounds. <i>Biomaterials</i> , 2002, 23, 2283-2294.	11.4	179
3	Solid Lipid Nanoparticles as Delivery Systems for Bromocriptine. <i>Pharmaceutical Research</i> , 2008, 25, 1521-1530.	3.5	164
4	Gelatin microspheres: influence of preparation parameters and thermal treatment on chemico-physical and biopharmaceutical properties. <i>Biomaterials</i> , 1996, 17, 2009-2020.	11.4	152
5	Lipid-based supramolecular systems for topical application: A preformulatory study. <i>AAPS PharmSci</i> , 2003, 5, 62-76.	1.3	141
6	Sugar cross-linked gelatin for controlled release: microspheres and disks. <i>Biomaterials</i> , 1998, 19, 1641-1649.	11.4	133
7	Effect of cationic liposome composition on in vitro cytotoxicity and protective effect on carried DNA. <i>International Journal of Pharmaceutics</i> , 1996, 139, 69-78.	5.2	108
8	Nanoparticulate lipid dispersions for bromocriptine delivery: Characterization and in vivo study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 306-314.	4.3	106
9	Formulation study for the antitumor drug camptothecin: liposomes, micellar solutions and a microemulsion. <i>International Journal of Pharmaceutics</i> , 1997, 159, 95-103.	5.2	105
10	Hyaluronan-based microspheres as tools for drug delivery: a comparative study. <i>International Journal of Pharmaceutics</i> , 2005, 288, 35-49.	5.2	97
11	Spray dried Eudragit microparticles as encapsulation devices for vitamin C. <i>International Journal of Pharmaceutics</i> , 2002, 242, 329-334.	5.2	90
12	Preparation of liposomes by reverse-phase evaporation using alternative organic solvents. <i>Journal of Microencapsulation</i> , 1999, 16, 251-256.	2.8	87
13	Production of Eudragit Microparticles by Spray-Drying Technique: Influence of Experimental Parameters on Morphological and Dimensional Characteristics. <i>Pharmaceutical Development and Technology</i> , 2000, 5, 267-278.	2.4	82
14	Effects of phospholipid based formulations on in vitro and in vivo percutaneous absorption of methyl nicotinate. <i>Journal of Controlled Release</i> , 1995, 34, 53-63.	9.9	74
15	In Vitro Antiproliferative Activity of Isothiocyanates and Nitriles Generated by Myrosinase-Mediated Hydrolysis of Glucosinolates from Seeds of Cruciferous Vegetables. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 3572-3575.	5.2	71
16	In Vitro Cytotoxic Activity of Some Glucosinolate-Derived Products Generated by Myrosinase Hydrolysis. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 1014-1021.	5.2	70
17	Clotrimazole-loaded nanostructured lipid carrier hydrogels: Thermal analysis and in vitro studies. <i>International Journal of Pharmaceutics</i> , 2013, 454, 695-702.	5.2	70
18	Preparation and characterisation of poly(vinyl alcohol)/cyclodextrin microspheres as matrix for inclusion and separation of drugs. <i>International Journal of Pharmaceutics</i> , 2004, 285, 87-96.	5.2	68

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19	Dextran cross-linked gelatin microspheres as a drug delivery system. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 1999, 47, 153-160.	4.3	66
20	Myrosinase-generated isothiocyanate from glucosinolates: Isolation, characterization and in vitro antiproliferative studies. <i>Bioorganic and Medicinal Chemistry</i> , 1997, 5, 1799-1806.	3.0	65
21	Preparation and characterization of starch/cyclodextrin bioadhesive microspheres as platform for nasal administration of Gabexate Mesylate (FoyÅ®) in allergic rhinitis treatment. <i>Biomaterials</i> , 2004, 25, 159-170.	11.4	62
22	Cationic liposomes as potential carriers for ocular administration of peptides with anti-herpetic activity. <i>International Journal of Pharmaceutics</i> , 2006, 317, 90-100.	5.2	60
23	Clotrimazole nanoparticle gel for mucosal administration. <i>Materials Science and Engineering C</i> , 2013, 33, 411-418.	7.3	58
24	Cellulose acetate butyrate microcapsules containing dextran ion-exchange resins as self-propelled drug release system. <i>Biomaterials</i> , 2005, 26, 4337-4347.	11.4	57
25	Nanostructured lipid systems modified with waste material of propolis for wound healing: Design, in vitro and in vivo evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 441-452.	5.0	57
26	Liposomes as carriers for DNA-PNA hybrids. <i>Journal of Controlled Release</i> , 2000, 68, 237-249.	9.9	56
27	Cationic liposomes as delivery systems for double-stranded PNA-DNA chimeras exhibiting decoy activity against NF- κ B transcription factors. <i>Biochemical Pharmacology</i> , 2002, 64, 609-616.	4.4	54
28	Lipid-Based Nanosystems as a Tool to Overcome Skin Barrier. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8319.	4.1	53
29	Nanostructured lipid dispersions for topical administration of crocin, a potent antioxidant from saffron (<i>Crocus sativus</i> L.). <i>Materials Science and Engineering C</i> , 2017, 71, 669-677.	7.3	49
30	Design and Characterization of Ethosomes for Transdermal Delivery of Caffeic Acid. <i>Pharmaceutics</i> , 2020, 12, 740.	4.5	46
31	Pullulan-cyclodextrin microspheres. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 791, 407-419.	2.3	45
32	Challenges in the Physical Characterization of Lipid Nanoparticles. <i>Pharmaceutics</i> , 2021, 13, 549.	4.5	44
33	Ethosomes and Transethosomes for Mangiferin Transdermal Delivery. <i>Antioxidants</i> , 2021, 10, 768.	5.1	44
34	Cannabinoid antagonist in nanostructured lipid carriers (NLCs): design, characterization and in vivo study. <i>Materials Science and Engineering C</i> , 2015, 48, 328-336.	7.3	43
35	Curcumin containing monoolein aqueous dispersions: A preformulative study. <i>Materials Science and Engineering C</i> , 2013, 33, 4923-4934.	7.3	42
36	Evaluation of Monooleine Aqueous Dispersions as Tools for Topical Administration of Curcumin: Characterization, In Vitro and Ex-Vivo Studies. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 2349-2361.	3.3	42

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37	Effect of nanostructured lipid vehicles on percutaneous absorption of curcumin. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 86, 121-132.	4.3	41
38	Preparation and characterization of cationic microspheres for gene delivery. International Journal of Pharmaceutics, 1999, 189, 29-41.	5.2	40
39	Encapsulation of cannabinoid drugs in nanostructured lipid carriers. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 102, 87-91.	4.3	39
40	Nanostructured lipid carriers (NLC) for the delivery of natural molecules with antimicrobial activity: production, characterisation and <i>in vitro</i> studies. Journal of Microencapsulation, 2017, 34, 63-72.	2.8	38
41	Preparation and Characterisation of Thermoresponsive		

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55	Gelatin microspheres as a new approach for the controlled delivery of synthetic oligonucleotides and PCR-generated DNA fragments. <i>International Journal of Pharmaceutics</i> , 1994, 105, 181-186.	5.2	27
56	Acyclovir delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2008, 5, 1217-1230.	5.0	27
57	Non-phospholipid vesicles as carriers for peptides and proteins: Production, characterization and stability studies. <i>International Journal of Pharmaceutics</i> , 2007, 339, 52-60.	5.2	26
58	Liposomes- and ethosomes-associated distamycins: a comparative study. <i>Journal of Liposome Research</i> , 2010, 20, 277-285.	3.3	26
59	Ethosomes and organogels for cutaneous administration of crocin. <i>Biomedical Microdevices</i> , 2016, 18, 108.	2.8	26
60	The Potential of Caffeic Acid Lipid Nanoparticulate Systems for Skin Application: In Vitro Assays to Assess Delivery and Antioxidant Effect. <i>Nanomaterials</i> , 2021, 11, 171.	4.1	26
61	Liposomes, micelles and microemulsions as new delivery systems for cytotoxic alkaloids. <i>Pharmaceutical Science & Technology Today</i> , 1999, 2, 288-298.	0.7	25
62	Gallic acid loaded poloxamer gel as new adjuvant strategy for melanoma: A preliminary study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 185, 110613.	5.0	25
63	Macrophages loaded with doxorubicin by ATP-mediated permeabilization: Potential carriers for antitumor therapy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1994, 1224, 269-276.	4.1	24
64	Nanosystems for skin hydration: a comparative study. <i>International Journal of Cosmetic Science</i> , 2007, 29, 39-47.	2.6	24
65	Pharmaceutical films made from the waste material from the preparation of propolis extracts: development and characterization. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2015, 51, 847-859.	1.2	24
66	Ethosomes and Transethosomes as Cutaneous Delivery Systems for Quercetin: A Preliminary Study on Melanoma Cells. <i>Pharmaceutics</i> , 2022, 14, 1038.	4.5	24
67	Pectin-Based Microspheres. <i>Annals of the New York Academy of Sciences</i> , 2001, 944, 160-179.	3.8	23
68	A novel multicompartimental system based on aminated poly(vinyl alcohol) microspheres/succinoylated pullulan microspheres for oral delivery of anionic drugs. <i>International Journal of Pharmaceutics</i> , 2007, 330, 129-137.	5.2	23
69	Thermal Magnetic Field Activated Propolis Release From Liquid Crystalline System Based on Magnetic Nanoparticles. <i>AAPS PharmSciTech</i> , 2018, 19, 3258-3271.	3.3	23
70	Nanoparticulate Gels for Cutaneous Administration of Caffeic Acid. <i>Nanomaterials</i> , 2020, 10, 961.	4.1	23
71	Lipid nanoparticles for administration of poorly water soluble neuroactive drugs. <i>Biomedical Microdevices</i> , 2017, 19, 44.	2.8	22
72	Poly[(N-isopropylacrylamide-co-acrylamide-co-(hydroxyethylmethacrylate))] thermoresponsive microspheres: An accurate method based on solute exclusion technique to determine the volume phase transition temperature. <i>European Polymer Journal</i> , 2007, 43, 3500-3509.	5.4	21

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73	Effect of new curcumin-containing nanostructured lipid dispersions on human keratinocytes proliferative responses. <i>Experimental Dermatology</i> , 2015, 24, 449-454.	2.9	21
74	Amphiphilic association systems for Amphotericin B delivery. <i>International Journal of Pharmaceutics</i> , 2003, 260, 249-260.	5.2	20
75	L-dopa co-drugs in nanostructured lipid carriers: A comparative study. <i>Materials Science and Engineering C</i> , 2017, 72, 168-176.	7.3	20
76	Monoolein liquid crystalline phases for topical delivery of crocetin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 67-74.	5.0	20
77	Lipid Nanoparticles and Active Natural Compounds: A Perfect Combination for Pharmaceutical Applications. <i>Current Medicinal Chemistry</i> , 2019, 26, 4681-4696.	2.4	19
78	In vitro effect on human leukemic K562 cells of co-administration of liposome-associated retinoids and cytosine arabinoside (ara-C)., 1999, 62, 33-43.		18
79	Lipid nanostructures for antioxidant delivery: a comparative preformulation study. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 1789-1801.	2.8	17
80	Design of propolis-loaded film forming systems for topical administration: The effect of acrylic acid derivative polymers. <i>Journal of Molecular Liquids</i> , 2021, 322, 114514.	4.9	17
81	Eudragit [®] microparticles for the release of budesonide: A comparative study. <i>Indian Journal of Pharmaceutical Sciences</i> , 2012, 74, 403.	1.0	17
82	Colloidal dispersions for the delivery of acyclovir: A comparative study. <i>Indian Journal of Pharmaceutical Sciences</i> , 2011, 73, 687.	1.0	16
83	Eudragit [®] microparticles as a possible tool for ophthalmic administration of acyclovir. <i>Journal of Microencapsulation</i> , 2007, 24, 445-456.	2.8	15
84	Monoolein aqueous dispersions as a delivery system for quercetin. <i>Biomedical Microdevices</i> , 2017, 19, 41.	2.8	15
85	Design of Nanosystems for the Delivery of Quorum Sensing Inhibitors: A Preliminary Study. <i>Molecules</i> , 2020, 25, 5655.	3.8	15
86	Design and characterization of fenretinide containing organogels. <i>Materials Science and Engineering C</i> , 2013, 33, 383-389.	7.3	14
87	A Correlative Imaging Study of in vivo and ex vivo Biodistribution of Solid Lipid Nanoparticles.	6.7	14
88	Liposome-associated retinoids: production, characterization and antiproliferative activity on neoplastic cells. <i>European Journal of Pharmaceutical Sciences</i> , 1994, 2, 281-291.	4.0	13
89	Production and characterization of biodegradable microparticles for the controlled delivery of proteinase inhibitors. <i>International Journal of Pharmaceutics</i> , 1996, 129, 263-273.	5.2	13
90	Cross-Enzyme Inhibition by Gabexate Mesylate: Formulation and Reactivity Study. <i>Journal of Pharmaceutical Sciences</i> , 1998, 87, 1335-1340.	3.3	13

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91	Formulations for natural and peptide nucleic acids based on cationic polymeric submicron particles. <i>AAPS PharmSci</i> , 2004, 6, 10-21.	1.3	13
92	Formulation and Bioequivalence of Two Valsartan Tablets After a Single Oral Administration. <i>Scientia Pharmaceutica</i> , 2011, 79, 123-135.	2.0	13
93	Cubic Phases, Cubosomes and Ethosomes for Cutaneous Application. <i>Current Pharmaceutical Design</i> , 2016, 22, 5382-5399.	1.9	13
94	Production and Characterization of Nanoparticle Based Hyaluronate Gel Containing Retinyl Palmitate for Wound Healing. <i>Current Drug Delivery</i> , 2018, 15, 1172-1182.	1.6	13
95	Influence of liposomal formulation parameters on the in vitro absorption of methyl nicotinate. <i>International Journal of Pharmaceutics</i> , 1998, 172, 255-260.	5.2	12
96	Natural antimicrobials in spray-dried microparticles based on cellulose derivatives as potential eco-compatible agrochemicals. <i>Journal of Plant Diseases and Protection</i> , 2017, 124, 269-278.	2.9	12
97	Controlled release of 1- β -D-arabinofuranosylcytosine (ara-C) from hydrophilic gelatin microspheres: in vitro studies. <i>International Journal of Pharmaceutics</i> , 1995, 117, 151-158.	5.2	11
98	Lipid nanocarriers containing a levodopa prodrug with potential antiparkinsonian activity. <i>Materials Science and Engineering C</i> , 2015, 48, 294-300.	7.3	11
99	Microparticles containing gallic and ellagic acids for the biological control of bacterial diseases of kiwifruit plants. <i>Journal of Plant Diseases and Protection</i> , 2017, 124, 563-575.	2.9	11
100	Production and Characterization of a Clotrimazole Liposphere Gel for Candidiasis Treatment. <i>Polymers</i> , 2018, 10, 160.	4.5	11
101	New Strategies for the Delivery of Some Natural Anti-oxidants with Therapeutic Properties. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 1030-1039.	2.4	11
102	Liposomes and Micellar Dispersions For Delivery of Benzoheterocyclic Derivatives of Distamycin A. <i>Drug Delivery</i> , 2007, 14, 1-8.	5.7	10
103	Effect of charge and lipid concentration on in-vivo percutaneous absorption of methyl nicotinate from liposomal vesicles. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 57, 1169-1176.	2.4	10
104	Distamycins: Strategies for Possible Enhancement of Activity and Specificity. <i>Mini-Reviews in Medicinal Chemistry</i> , 2010, 10, 218-231.	2.4	10
105	Long-chain cationic derivatives of PTA (1,3,5-triaza-7-phosphaadamantane) as new components of potential non-viral vectors. <i>International Journal of Pharmaceutics</i> , 2012, 431, 176-182.	5.2	10
106	“Plurethosome” as Vesicular System for Cutaneous Administration of Mangiferin: Formulative Study and 3D Skin Tissue Evaluation. <i>Pharmaceutics</i> , 2021, 13, 1124.	4.5	10
107	Complexation to cationic microspheres of double-stranded peptide nucleic acid-DNA chimeras exhibiting decoy activity. <i>Journal of Biomedical Science</i> , 2004, 11, 697-704.	7.0	9
108	Waste Material of Propolis as a Film Forming Agent Intended to Modify the Metronidazole Release: Preparation and Characterization. <i>Current Drug Delivery</i> , 2016, 13, 1152-1164.	1.6	9

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109	DNA binding activity and inhibition of DNA-protein interactions. <i>Biochemical Pharmacology</i> , 1992, 44, 1985-1994.	4.4	8
110	Effect of DNA Complexation and Freeze-Drying on the Physicochemical Characteristics of Cationic Liposomes. <i>Oligonucleotides</i> , 2000, 10, 205-215.	4.3	8
111	Liposomes Containing Distamycins: Preparation, Characterization and Antiproliferative Activity. <i>Drug Delivery</i> , 2004, 11, 83-88.	5.7	8
112	Delivery systems for DNA-binding drugs as gene expression modulators. <i>Drug Discovery Today</i> , 2001, 6, 893-904.	6.4	7
113	Lipid-based nanoparticles containing cationic derivatives of PTA (1,3,5-triaza-7-phosphaadamantane) as innovative vehicle for Pt complexes: Production, characterization and in vitro studies. <i>International Journal of Pharmaceutics</i> , 2015, 492, 291-300.	5.2	7
114	Design of Liposomes Carrying HelixComplex Snail Mucus: Preliminary Studies. <i>Molecules</i> , 2021, 26, 4709.	3.8	7
115	Solid lipid nanoparticles for the delivery of 1,3,5-triaza-7-phosphaadamantane (PTA) platinum (II) carboxylates. <i>Materials Science and Engineering C</i> , 2017, 74, 357-364.	7.3	6
116	A spectrofluorometric analysis to evaluate transcutaneous biodistribution of fluorescent nanoparticulate gel formulations. <i>European Journal of Histochemistry</i> , 2022, 66, .	1.5	6
117	Mangiferin-Loaded Smart Gels for HSV-1 Treatment. <i>Pharmaceutics</i> , 2021, 13, 1323.	4.5	5
118	Manganese in Diagnostics: A Preformulatory Study. <i>Pharmaceutics</i> , 2022, 14, 108.	4.5	5
119	Production and antiproliferative activity of liposomes containing the antitumour drug chromomycin A ₃ . <i>Journal of Microencapsulation</i> , 1998, 15, 465-472.	2.8	4
120	Tailor-made core-shell nanospheres for antisense oligonucleotide delivery: IV.Adsorption/release behaviour. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2001, 12, 1339-1357.	3.5	4
121	Analysis of the Drug Release Profiles from Formulations Based on Micro and Nano Systems. <i>Current Analytical Chemistry</i> , 2013, 9, 37-46.	1.2	4
122	Investigation of the Bioequivalence of Rosuvastatin 20 mg Tablets after a Single Oral Administration in Mediterranean Arabs Using a Validated LC-MS/MS Method. <i>Scientia Pharmaceutica</i> , 2016, 84, 536-546.	2.0	4
123	Nafion®-Containing Solid Lipid Nanoparticles as a Tool for Anticancer Pt Delivery: Preliminary Studies. <i>Journal of Chemistry</i> , 2017, 2017, 1-6.	1.9	4
124	Structural Studies of Lipid-Based Nanosystems for Drug Delivery: X-ray Diffraction (XRD) and Cryogenic Transmission Electron Microscopy (Cryo-TEM)., 2016, , 861-889.		4
125	Antisense Oligonucleotides Conjugated with Lipophilic Compounds: Synthesis and In Vitro Evaluation of Exon Skipping in Duchenne Muscular Dystrophy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4270.	4.1	4
126	Synthetic and Nanotechnological Approaches for a Diagnostic Use of Manganese. <i>Molecules</i> , 2022, 27, 3124.	3.8	4

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127	Gelified reverse micellar dispersions as percutaneous formulations. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 32, 270-282.	3.0	3
128	Structural Studies of Lipid-Based Nanosystems for Drug Delivery: X-ray Diffraction (XRD) and Cryogenic Transmission Electron Microscopy (Cryo-TEM). , 2015, , 1-23.		3
129	Interchangeability of two 500 mg amoxicillin capsules with one 1000 mg amoxicillin tablet after a single oral administration. <i>Indian Journal of Pharmaceutical Sciences</i> , 2010, 72, 414.	1.0	3
130	Antioxidant-containing monoolein aqueous dispersions: a preliminary study. <i>Drug Delivery and Translational Research</i> , 2022, , 1.	5.8	3
131	Effect of long-term stabilization of cationic liposomes as defibrotide delivery system for antithrombotic activity. <i>Drug Development Research</i> , 2002, 55, 127-138.	2.9	2
132	Peptide-based cationic molecules for the production of positive charged liposomes and micelles. <i>Journal of Microencapsulation</i> , 2008, 25, 71-81.	2.8	2
133	Data on scaling up and in vivo human study of progesterone lipid nanoparticles. <i>Data in Brief</i> , 2017, 14, 639-642.	1.0	2
134	Production of Lipospheres for Bioactive Compound Delivery. , 2004, , 23-40.		2
135	Analysis of the Drug Release Profiles from Formulations Based on Micro and Nano Systems. <i>Current Analytical Chemistry</i> , 2012, 9, 37-46.	1.2	1
136	Monolein Aqueous Dispersions as a Tool to Increase Flavonoid Solubility: A Preliminary Study. <i>Proceedings (mdpi)</i> , 2021, 78, 25.	0.2	1
137	Nanotechnological Strategies for Administration of Poorly Soluble Neuroactive Drugs. <i>Proceedings (mdpi)</i> , 2020, 78, .	0.2	1
138	Polymeric microparticles for fenretinide administration. <i>Macromolecular Symposia</i> , 2014, 345, 14-23.	0.7	0
139	Cationic Lipospheres as Delivery Systems for Nucleic Acid Molecules. , 2004, , 143-159.		0
140	Complexation to Cationic Microspheres of Double-Stranded Peptide Nucleic Acid-DNA Chimeras Exhibiting Decoy Activity. <i>Journal of Biomedical Science</i> , 2004, 11, 697-704.	7.0	0