

Rita Muzzalupo

List of Publications by Year in descending order

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70
papers

2,826
citations

172386

29
h-index

182361

51
g-index

70
all docs

70
docs citations

70
times ranked

3503
citing authors

#	ARTICLE	IF	CITATIONS
1	Innovative bola-surfactant niosomes as topical delivery systems of 5-fluorouracil for the treatment of skin cancer. <i>International Journal of Pharmaceutics</i> , 2008, 353, 233-242.	2.6	167
2	Molecularly imprinted solid phase extraction for detection of sudan I in food matrices. <i>Food Chemistry</i> , 2005, 93, 349-353.	4.2	161
3	Co-encapsulation of antioxidants into niosomal carriers: Gastrointestinal release studies for nutraceutical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 82-88.	2.5	121
4	A new approach for the evaluation of niosomes as effective transdermal drug delivery systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 28-35.	2.0	119
5	Niosomes vs microemulsions: New carriers for topical delivery of Capsaicin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 87, 333-339.	2.5	105
6	Transferrin-Conjugated Pluronic Niosomes as a New Drug Delivery System for Anticancer Therapy. <i>Langmuir</i> , 2013, 29, 12638-12646.	1.6	103
7	Stearyl ferulate-based solid lipid nanoparticles for the encapsulation and stabilization of β -carotene and α -tocopherol. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 72, 181-187.	2.5	94
8	Co-encapsulation of lipophilic antioxidants into niosomal carriers: Percutaneous permeation studies for cosmeceutical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 144-149.	2.5	88
9	pH-Sensitive hydrogels based on bovine serum albumin for oral drug delivery. <i>International Journal of Pharmaceutics</i> , 2006, 312, 151-157.	2.6	85
10	Doxorubicin loaded magneto-niosomes for targeted drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 102, 803-807.	2.5	84
11	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
12	Solubilization and stabilization of β -carotene in niosomes: delivery to cultured cells. <i>Chemistry and Physics of Lipids</i> , 2006, 139, 32-42.	1.5	78
13	Alkyl glucopyranoside-based niosomes containing methotrexate for pharmaceutical applications: Evaluation of physico-chemical and biological properties. <i>International Journal of Pharmaceutics</i> , 2013, 458, 224-229.	2.6	72
14	Multi-functional vesicles for cancer therapy: The ultimate magic bullet. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 161-171.	2.5	64
15	Niosomal drug delivery for transdermal targeting: recent advances. <i>Research and Reports in Transdermal Drug Delivery</i> , 0, , 23.	0.0	63
16	Synthesis and antioxidant activity evaluation of a novel cellulose hydrogel containing trans-ferulic acid. <i>Carbohydrate Polymers</i> , 2009, 75, 184-188.	5.1	62
17	Novel nanosized formulations of two diclofenac acid polymorphs to improve topical bioavailability. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 77, 208-215.	1.9	57
18	A new crown ether as vesicular carrier for 5-fluorouracil: Synthesis, characterization and drug delivery evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 58, 197-202.	2.5	56

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19	A novel dextran hydrogel linking trans-ferulic acid for the stabilization and transdermal delivery of vitamin E. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 72, 232-238.	2.0	56
20	Pharmaceutical versatility of cationic niosomes derived from amino acid-based surfactants: Skin penetration behavior and controlled drug release. <i>International Journal of Pharmaceutics</i> , 2017, 529, 245-252.	2.6	55
21	Photostability and ex-vivo permeation studies on diclofenac in topical niosomal formulations. <i>International Journal of Pharmaceutics</i> , 2015, 494, 490-497.	2.6	51
22	Niosomes from glucuronic acid-based surfactant as new carriers for cancer therapy: Preparation, characterization and biological properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 118, 7-13.	2.5	49
23	Novel gel-niosomes formulations as multicomponent systems for transdermal drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 110, 281-288.	2.5	48
24	Design and Synthesis of Cellulose Derivatives with Antioxidant Activity. <i>Macromolecular Bioscience</i> , 2008, 8, 86-95.	2.1	46
25	Thermo-Sensitive Vesicles in Controlled Drug Delivery for Chemotherapy. <i>Pharmaceutics</i> , 2018, 10, 150.	2.0	46
26	Actively Targeted and Redox Responsive Delivery of Anticancer Drug by Chitosan Nanoparticles. <i>Pharmaceutics</i> , 2020, 12, 26.	2.0	42
27	Preparation and characterization of bolaform surfactant vesicles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2005, 46, 78-83.	2.5	41
28	Effect of formulations variables on the in vitro percutaneous permeation of Sodium Diclofenac from new vesicular systems obtained from Pluronic triblock copolymers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 79, 227-234.	2.5	38
29	Do niosomes have a place in the field of drug delivery?. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 1145-1147.	2.4	36
30	In vitro Antifungal Activity of Olive (<i>Olea europaea</i>) Leaf Extracts Loaded in Chitosan Nanoparticles. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 151.	2.0	32
31	L-Lysine Pro-Prodrug Containing trans-Ferulic Acid for 5-Amino Salicylic Acid Colon Delivery: Synthesis, Characterization and in Vitro Antioxidant Activity Evaluation. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 103-105.	0.6	31
32	Interactions between Gemini Surfactants and Polymers: Thermodynamic Studies. <i>Langmuir</i> , 2007, 23, 5963-5970.	1.6	30
33	New sucrose cocoate based vesicles: Preparation characterization and skin permeation studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 75, 319-322.	2.5	29
34	Further Evolution of Multifunctional Niosomes Based on Pluronic Surfactant: Dual Active Targeting and Drug Combination Properties. <i>Langmuir</i> , 2016, 32, 8926-8933.	1.6	29
35	Niosomes from $\hat{I}\pm, \hat{I}\%$ -trioxyethylene-bis(sodium 2-dodecyloxy-propylenesulfonate): Preparation and characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 64, 200-207.	2.5	28
36	Drug compartmentalization as strategy to improve the physico-chemical properties of diclofenac sodium loaded niosomes for topical applications. <i>Biomedical Microdevices</i> , 2014, 16, 851-858.	1.4	28

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37	Translational Diffusion and Other Physicochemical Properties of a Bolaform Surfactant in Solution. <i>Langmuir</i> , 1996, 12, 3157-3161.	1.6	25
38	Micelle Formation and Phase Equilibria in a Water-Trifluoroethanol-Fluorocarbon Surfactant System. <i>Langmuir</i> , 2000, 16, 7914-7919.	1.6	25
39	Novel pH sensitive ferrogels as new approach in cancer treatment: Effect of the magnetic field on swelling and drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 134, 273-278.	2.5	23
40	Interaction of bovine serum albumin with gemini surfactants. <i>Journal of Colloid and Interface Science</i> , 2010, 347, 96-101.	5.0	22
41	Innovative topical formulations from diclofenac sodium used as surfadug: The birth of Diclosomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 164, 177-184.	2.5	22
42	New Broom Fiber (<i>Spartium junceum</i> L.) Derivatives: Preparation and Characterization. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 9489-9495.	2.4	21
43	Spontaneous temperature-sensitive Pluronic Å based niosomes: Triggered drug release using mild hyperthermia. <i>International Journal of Pharmaceutics</i> , 2016, 511, 703-708.	2.6	21
44	Solution properties of alkali metal perfluoroalkanoates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1995, 104, 327-336.	2.3	20
45	Synthesis and antibacterial activity evaluation of a novel cotton fiber (<i>Gossypium barbadense</i>) ampicillin derivative. <i>Carbohydrate Polymers</i> , 2009, 78, 639-641.	5.1	20
46	Micelles in Mixtures of Sodium Dodecyl Sulfate and a Bolaform Surfactant. <i>Langmuir</i> , 2006, 22, 6001-6009.	1.6	18
47	Liquid crystalline Pluronic 105 pharmacogels as drug delivery systems: preparation, characterization, and in vitro transdermal release. <i>Journal of Drug Targeting</i> , 2010, 18, 404-411.	2.1	17
48	Niosomes containing hydroxyl additives as percutaneous penetration enhancers: Effect on the transdermal delivery of sulfadiazine sodium salt. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 207-212.	2.5	17
49	Colon-specific devices based on methacrylic functionalized Tween monomer networks: Swelling studies and in vitro drug release. <i>European Polymer Journal</i> , 2010, 46, 209-216.	2.6	16
50	Cromolyn as surface active drug (surfadug): Effect of the self-association on diffusion and percutaneous permeation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 139, 132-137.	2.5	15
51	Reverse Transcriptase Inhibitors Nanosystems Designed for Drug Stability and Controlled Delivery. <i>Pharmaceutics</i> , 2019, 11, 197.	2.0	15
52	Synthesis and Antioxidant Efficiency of a New Copolymer Containing Phosphorylated Myo-Inositol. <i>Macromolecular Bioscience</i> , 2005, 5, 1049-1056.	2.1	14
53	New Nanomaterials with Intrinsic Antioxidant Activity by Surface Functionalization of Niosomes with Natural Phenolic Acids. <i>Pharmaceutics</i> , 2021, 13, 766.	2.0	14
54	Structural and Transport Properties of Bola C-16 Micelles in Water and in Aqueous Electrolyte Solutions. <i>Journal of Physical Chemistry B</i> , 2004, 108, 1214-1223.	1.2	12

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55	Photodegradation studies of 1,4-dihydropyridine compounds by MCR analysis on UV spectral data. <i>Future Medicinal Chemistry</i> , 2016, 8, 107-115.	1.1	12
56	Synthesis of pro-prodrugs l-lysine based for 5-aminosalicylic acid and 6-mercaptopurine colon specific release. <i>International Journal of Pharmaceutics</i> , 2011, 420, 290-296.	2.6	11
57	Synthesis and Properties of Methacrylic-Functionalized Tween Monomer Networks. <i>Langmuir</i> , 2009, 25, 1800-1806.	1.6	10
58	Gel Formulation of Nabumetone and a Newly Synthesized Analog: Microemulsion as a Photoprotective Topical Delivery System. <i>Pharmaceutics</i> , 2020, 12, 423.	2.0	10
59	Anisometric, non-mesogenic, tailor-made monomer for reverse-mode shutters. <i>Liquid Crystals</i> , 2002, 29, 295-300.	0.9	9
60	Light-sensitive drugs in topical formulations: stability indicating methods and photostabilization strategies. <i>Future Medicinal Chemistry</i> , 2017, 9, 1795-1808.	1.1	9
61	Different BRJ97 colloid systems as potential enhancers of acyclovir skin permeation and depot. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 623-631.	2.5	9
62	Control of the Verticillium Wilt on Tomato Plants by Means of Olive Leaf Extracts Loaded on Chitosan Nanoparticles. <i>Microorganisms</i> , 2022, 10, 136.	1.6	9
63	Advances on Magnetic Nanocarriers Based on Natural Polymers. <i>Current Pharmaceutical Design</i> , 2016, 22, 3353-3363.	0.9	8
64	Synthesis and antioxidant activity evaluation of novel broom and cotton fibers derivatives. <i>Journal of Applied Polymer Science</i> , 2009, 114, 3177-3183.	1.3	7
65	Gemini Surfactant Binding onto Hydrophobically Modified Silica Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2008, 112, 12142-12148.	1.5	6
66	Phase Diagram and Dynamic Properties of the Ternary System Water – Sodium Dodecylsulfate – Aerosol OT. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1995, 99, 617-623.	0.9	4
67	Niosomes and Proniosomes for Enhanced Skin Delivery. , 2016, , 147-160.		4
68	Use of Pluronic Surfactants in Gel Formulations of Photosensitive 1,4-Dihydropyridine Derivatives: A Potential Approach in the Treatment of Neuropathic Pain. <i>Pharmaceutics</i> , 2021, 13, 527.	2.0	3
69	Nanovesicular Formulations for Cancer Gene Therapy. <i>Current Pharmaceutical Design</i> , 2018, 23, 5327-5335.	0.9	3
70	Vesicles, Micelles and Cyclodextrins Immobilized into Hydrogel: Multi-component Devices for Controlled Drug Delivery. , 2017, , 52-63.		0