Maria Grazia Sarpietro

List of Publications by Year
in descending order

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46 papers	1,863 citations	394421 19 h-index	254184 43 g-index
46 all docs	46 docs citations	46 times ranked	3234 citing authors

#	Article	IF	Citations
1	Mechanisms of Antibacterial Action of Three Monoterpenes. Antimicrobial Agents and Chemotherapy, 2005, 49, 2474-2478.	3.2	939
2	From nanoemulsions to nanostructured lipid carriers: A relevant development in dermal delivery of drugs and cosmetics. Journal of Drug Delivery Science and Technology, 2016, 32, 100-112.	3.0	135
3	In vitroevaluation of idebenone-loaded solid lipid nanoparticles for drug delivery to the brain. Drug Development and Industrial Pharmacy, 2011, 37, 737-746.	2.0	88
4	Differential scanning calorimetry study on drug release from an inulin-based hydrogel and its interaction with a biomembrane model: pH and loading effect. European Journal of Pharmaceutical Sciences, 2008, 35, 76-85.	4.0	65
5	Characterization of Lipophilic Gemcitabine Prodrugâ^'Liposomal Membrane Interaction by Differential Scanning Calorimetry. Molecular Pharmaceutics, 2006, 3, 737-744.	4.6	44
6	Interaction between PEG lipid and DSPE/DSPC phospholipids: An insight of PEGylation degree and kinetics of de-PEGylation. Colloids and Surfaces B: Biointerfaces, 2017, 155, 266-275.	5.0	41
7	Enhancement of gemcitabine affinity for biomembranes by conjugation with squalene: Differential scanning calorimetry and Langmuirâ€"Blodgett studies using biomembrane models. Journal of Colloid and Interface Science, 2007, 316, 43-52.	9.4	38
8	Synthesis and Biological Evaluation of a New Polymeric Conjugate and Nanocarrier with Osteotropic Properties. Journal of Functional Biomaterials, 2012, 3, 79-99.	4.4	33
9	Interaction of lipophilic gemcitabine prodrugs with biomembrane models studied by Langmuirâ€"Blodgett technique. Journal of Colloid and Interface Science, 2007, 313, 363-368.	9.4	32
10	Astaxanthin-Loaded Stealth Lipid Nanoparticles (AST-SSLN) as Potential Carriers for the Treatment of Alzheimerâ€™s Disease: Formulation Development and Optimization. Nanomaterials, 2021, 11, 391.	4.1	31
11	The Effect of Poly(<scp>d</scp> , <scp>l</scp> -Lactide-co-Glycolide)-Alendronate Conjugate Nanoparticles on Human Osteoclast Precursors. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 1285-1300.	3.5	28
12	Synthesis of n-squalenoyl cytarabine and evaluation of its affinity with phospholipid bilayers and monolayers. International Journal of Pharmaceutics, 2011, 406, 69-77.	5.2	27
13	Conjugation of squalene to acyclovir improves the affinity for biomembrane models. International Journal of Pharmaceutics, 2009, 382, 73-79.	5.2	26
14	Antimutagenic and antioxidant activities of some bioflavours from wine. Food and Chemical Toxicology, 2013, 60, 141-146.	3.6	25
15	Curcumin Containing PEGylated Solid Lipid Nanoparticles for Systemic Administration: A Preliminary Study. Molecules, 2020, 25, 2991.	3.8	25
16	Protocatechuic Acid, a Simple Plant Secondary Metabolite, Induced Apoptosis by Promoting Oxidative Stress through HO-1 Downregulation and p21 Upregulation in Colon Cancer Cells. Biomolecules, 2021, 11, 1485.	4.0	25
17	Idebenone Loaded Solid Lipid Nanoparticles Interact with Biomembrane Models: Calorimetric Evidence. Molecular Pharmaceutics, 2012, 9, 2534-2541.	4.6	24
18	Flurbiprofen release from eudragit RS and RL aqueous nanosuspensions: a kinetic study by DSC and dialysis experiments. AAPS PharmSciTech, 2002, 3, 26-33.	3.3	21

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19	Differential Scanning Calorimetry Analyses of Idebenone-Loaded Solid Lipid Nanoparticles Interactions with a Model of Bio-Membrane: A Comparison with In Vitro Skin Permeation Data. Pharmaceuticals, 2018, 11, 138.	3.8	19
20	Squalenoyl prodrug of paclitaxel: Synthesis and evaluation of its incorporation in phospholipid bilayers. International Journal of Pharmaceutics, 2012, 436, 135-140.	5.2	18
21	Idebenone loaded solid lipid nanoparticles: Calorimetric studies on surfactant and drug loading effects. International Journal of Pharmaceutics, 2014, 471, 69-74.	5.2	18
22	Interaction between Drug Loaded Polyaspartamide-Polylactide-Polysorbate Based Micelles and Cell Membrane Models: A Calorimetric Study. Molecular Pharmaceutics, 2011, 8, 642-650.	4.6	17
23	Effect of Resveratrol-Related Stilbenoids on Biomembrane Models. Journal of Natural Products, 2013, 76, 1424-1431.	3.0	15
24	Design of Nanotechnological Carriers for Ocular Delivery of Mangiferin: Preformulation Study. Molecules, 2022, 27, 1328.	3.8	15
25	Lipophilic prodrug of paclitaxel: Interaction with a dimyristoylphosphatidylcholine monolayer. International Journal of Pharmaceutics, 2014, 475, 624-631.	5.2	13
26	Differential scanning calorimetry approach to investigate the transfer of the multitarget opioid analgesic LP1 to biomembrane model. European Journal of Medicinal Chemistry, 2014, 77, 84-90.	5.5	12
27	Interaction of 3â€²,4â€²,6â€²-trimyristoyl-uridine derivative as potential anticancer drug with phospholipids of tumorigenic and non-tumorigenic cells. Applied Surface Science, 2017, 426, 77-86.	6.1	12
28	Interaction of naproxen amphiphilic derivatives with biomembrane models evaluated by differential scanning calorimetry and Langmuirâ€“Blodgett studies. Journal of Colloid and Interface Science, 2011, 360, 359-369.	9.4	11
29	Differential Scanning Calorimetry as a Tool to Investigate the Transfer of Anticancer Drugs to Biomembrane Model. Current Drug Targets, 2013, 14, 1053-1060.	2.1	11
30	Calorimetric evidence of interaction of brominated flame retardants with membrane model. Environmental Toxicology and Pharmacology, 2015, 39, 1154-1160.	4.0	7
31	Interaction of limonene, terpineol, and 1,8 cineol with a model of biomembrane: A DSC study. Thermochimica Acta, 2021, 700, 178938.	2.7	7
32	Effect of Protocatechuic Acid Ethyl Ester on Biomembrane Models: Multilamellar Vesicles and Monolayers. Membranes, 2022, 12, 283.	3.0	7
33	Interaction of Î±-Hexylcinnamaldehyde with a Biomembrane Model: A Possible MDR Reversal Mechanism. Journal of Natural Products, 2015, 78, 1154-1159.	3.0	6
34	Synthesis and interaction of sterol-uridine conjugate with DMPC liposomes studied by differential scanning calorimetry. Colloids and Surfaces B: Biointerfaces, 2018, 166, 203-209.	5.0	6
35	Sinapic Acid Release at the Cell Level by Incorporation into Nanoparticles: Experimental Evidence Using Biomembrane Models. Micro, 2021, 1, 120-128.	2.0	5
36	In Vitro Skin Permeation of Idebenone from Lipid Nanoparticles Containing Chemical Penetration Enhancers. Pharmaceutics, 2021, 13, 1027.	4.5	5

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37	Naringenin Release to Biomembrane Models by Incorporation into Nanoparticles. Experimental Evidence Using Differential Scanning Calorimetry. Surfaces, 2021, 4, 295-305.	2.3	4
38	Characterization and Interaction with Biomembrane Model of Benzo[k,l]xanthene Lignan Loaded Solid Lipid Nanoparticles. Membranes, 2022, 12, 615.	3.0	3
39	DSC studies on the interaction of lipophilic cytarabine prodrugs with DMPC multilamellar vesicles. Journal of Thermal Analysis and Calorimetry, 2019, 138, 2759-2767.	3.6	1
40	Anomalous interaction of tri-acyl ester derivatives of uridine nucleoside with a<scp>l</scp>-Î±-dimyristoylphosphatidylcholine biomembrane model: a differential scanning calorimetry study. Journal of Pharmacy and Pharmacology, 2019, 71, 329-337.	2.4	1
41	Assessment of the Technological Properties of Idebenone and Tocopheryl Acetate Co-Loaded Lipid Nanoparticles. Applied Sciences (Switzerland), 2021, 11, 3553.	2.5	1
42	Interaction of new sigma ligands with biomembrane models evaluated by differential scanning calorimetry and Langmuir-Blodgett studies. Colloids and Surfaces B: Biointerfaces, 2021, 201, 111643.	5.0	1
43	Calorimetric Evaluation of Glycyrrhetic Acid (GA)- and Stearyl Glycyrrhetinate (SG)-Loaded Solid Lipid Nanoparticle Interactions with a Model Biomembrane. Molecules, 2021, 26, 4903.	3.8	1
44	Amphiphilic naproxen prodrugs: differential scanning calorimetry study on their interaction with phospholipid bilayersâ€. Journal of Pharmacy and Pharmacology, 2017, 69, 1091-1098.	2.4	0
45	Solid Lipid Nanoparticles as Carriers for the Synthetic Opioid LP2: Characterization and In Vitro Release. Applied Sciences (Switzerland), 2021, 11, 10250.	2.5	0
46	A Langmuir-Blodgett Study of the Interaction between Amphotericin B and Lipids of Histoplasma capsulatum. Membranes, 2022, 12, 483.	3.0	0