

# Francesco Castelli

## List of Publications by Year in descending order

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126  
papers

4,757  
citations

147801

31  
h-index

102487

66  
g-index

126  
all docs

126  
docs citations

126  
times ranked

6381  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Antibacterial Action of Three Monoterpenes. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 2474-2478.	3.2	939
2	Flavonoids as antioxidant agents: Importance of their interaction with biomembranes. <i>Free Radical Biology and Medicine</i> , 1995, 19, 481-486.	2.9	590
3	Interaction of Four Monoterpenes Contained in Essential Oils with Model Membranes: Implications for Their Antibacterial Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 6300-6308.	5.2	490
4	Characterization of indomethacin-loaded lipid nanoparticles by differential scanning calorimetry. <i>International Journal of Pharmaceutics</i> , 2005, 304, 231-238.	5.2	149
5	Biocompatibility of poly(D,L-lactide-co-glycolide) nanoparticles conjugated with alendronate. <i>Biomaterials</i> , 2008, 29, 1400-1411.	11.4	123
6	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
7	A novel route to the second-generation alkaline-earth metal precursors for metal-organic chemical vapour deposition: one-step synthesis of M(hfa) <sub>2</sub> -tetraglyme (M=Ba, Sr, Ca and Tl) <i>J. Mater. Chem.</i> 2007, 17, 1078-1084.	10.784314	1078
8	Synthesis and Characterization of Thin Films of Cadmium Oxide. <i>Chemistry of Materials</i> , 2002, 14, 704-709.	6.7	75
9	'In vitro' antioxidant and photoprotective properties and interaction with model membranes of three new quercetin esters. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2003, 56, 167-174.	4.3	73
10	Development, Characterization, and In Vitro and In Vivo Evaluation of Benzocaine- and Lidocaine-Loaded Nanostructured Lipid Carriers. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 1892-1899.	3.3	67
11	A novel biomaterial for osteotropic drug nanocarriers: synthesis and biocompatibility evaluation of a PLGA-ALC conjugate. <i>Nanomedicine</i> , 2009, 4, 161-175.	3.3	66
12	Differential scanning calorimetry study on drug release from an inulin-based hydrogel and its interaction with a biomembrane model: pH and loading effect. <i>European Journal of Pharmaceutical Sciences</i> , 2008, 35, 76-85.	4.0	65
13	Flavonoid-biomembrane interactions: A calorimetric study on dipalmitoylphosphatidylcholine vesicles. <i>International Journal of Pharmaceutics</i> , 1995, 124, 1-8.	5.2	59
14	Influence of different parameters on drug release from hydrogel systems to a biomembrane model. Evaluation by differential scanning calorimetry technique. <i>Biomaterials</i> , 2000, 21, 821-833.	11.4	56
15	Synthesis and Characterization of Novel Self-Generating Liquid MOCVD Precursors for Thin Films of Zinc Oxide. <i>Chemistry of Materials</i> , 2000, 12, 548-554.	6.7	56
16	Synthesis, Characterization, and Mass-Transport Properties of Two Novel Gadolinium(III) Hexafluoroacetylacetonate Polyether Adducts: Promising Precursors for MOCVD of GdF <sub>3</sub> Films. <i>Chemistry of Materials</i> , 1996, 8, 1292-1297.	6.7	55
17	New Thermally Stable and Highly Volatile Precursors for Lanthanum MOCVD: Synthesis and Characterization of Lanthanum .beta.-Diketonate Glyme Complexes. <i>Inorganic Chemistry</i> , 1995, 34, 6233-6234.	4.0	54
18	Effect of the complexation of some nonsteroidal anti-inflammatory drugs with $\beta$ -cyclodextrin on the interaction with phosphatidylcholine liposomes. <i>International Journal of Pharmaceutics</i> , 1992, 88, 1-8.	5.2	51

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19	Synthesis, Characterization, Crystal Structure and Mass Transport Properties of Lanthanum $\beta$ -Diketonate Glyme Complexes, Volatile Precursors for Metal-Organic Chemical Vapor Deposition Applications. <i>Chemistry of Materials</i> , 1998, 10, 3434-3444.	6.7	51
20	Differences between Coumaric and Cinnamic Acids in Membrane Permeation As Evidenced by Time-Dependent Calorimetry. <i>Journal of Agricultural and Food Chemistry</i> , 1999, 47, 991-995.	5.2	50
21	Characterization of Lipophilic Gemcitabine Prodrug-Liposomal Membrane Interaction by Differential Scanning Calorimetry. <i>Molecular Pharmaceutics</i> , 2006, 3, 737-744.	4.6	44
22	Interaction of $\beta$ -caryophyllene and $\beta$ -caryophyllene oxide with phospholipid bilayers: Differential scanning calorimetry study. <i>Thermochimica Acta</i> , 2015, 600, 28-34.	2.7	42
23	Comparative study of 'in vitro' release of anti-inflammatory drugs from polylactide-co-glycolide microspheres. <i>International Journal of Pharmaceutics</i> , 1998, 176, 85-98.	5.2	41
24	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
25	Enhancement of gemcitabine affinity for biomembranes by conjugation with squalene: Differential scanning calorimetry and Langmuir-Blodgett studies using biomembrane models. <i>Journal of Colloid and Interface Science</i> , 2007, 316, 43-52.	9.4	38
26	Interaction of melatonin with model membranes and possible implications in its photoprotective activity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2002, 53, 209-215.	4.3	37
27	Genotoxicity assessment of $\beta$ -caryophyllene oxide. <i>Regulatory Toxicology and Pharmacology</i> , 2013, 66, 264-268.	2.7	37
28	Calorimetric Approach of the Interaction and Absorption of Polycyclic Aromatic Hydrocarbons with Model Membranes. <i>Environmental Science &amp; Technology</i> , 2002, 36, 2717-2723.	10.0	36
29	Interaction of Resveratrol and Its Trimethyl and Triacetyl Derivatives with Biomembrane Models Studied by Differential Scanning Calorimetry. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 3720-3728.	5.2	36
30	Synthesis and Biological Evaluation of a New Polymeric Conjugate and Nanocarrier with Osteotropic Properties. <i>Journal of Functional Biomaterials</i> , 2012, 3, 79-99.	4.4	33
31	Interaction of lipophilic gemcitabine prodrugs with biomembrane models studied by Langmuir-Blodgett technique. <i>Journal of Colloid and Interface Science</i> , 2007, 313, 363-368.	9.4	32
32	Effect of molecular weight and storage times on tolmetin release from poly-D,L-lactide microspheres to lipid model membrane. A calorimetric study. <i>Journal of Controlled Release</i> , 1996, 40, 277-284.	9.9	30
33	Effect of pH on the transfer kinetics of an anti-inflammatory drug from polyaspartamide hydrogels to a lipid model membrane. <i>Journal of Controlled Release</i> , 1997, 45, 103-111.	9.9	30
34	Different effects of two structurally similar carotenoids, lutein and $\beta$ -carotene, on the thermotropic behaviour of phosphatidylcholine liposomes. Calorimetric evidence of their hindered transport through biomembranes. <i>Thermochimica Acta</i> , 1999, 327, 125-131.	2.7	30
35	A mechanistic study of the permeation kinetics through biomembrane models: Gemcitabine-phospholipid bilayer interaction. <i>Journal of Colloid and Interface Science</i> , 2005, 285, 110-117.	9.4	30
36	The Effect of Poly(D, L-Lactide-co-Glycolide)-Alendronate Conjugate Nanoparticles on Human Osteoclast Precursors. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 1285-1300.	3.5	28

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37	Synthesis of n-squalenoyl cytarabine and evaluation of its affinity with phospholipid bilayers and monolayers. <i>International Journal of Pharmaceutics</i> , 2011, 406, 69-77.	5.2	27
38	Enhancement of drug affinity for cell membranes by conjugation with lipoamino acids. <i>International Journal of Pharmaceutics</i> , 2006, 310, 53-63.	5.2	26
39	Conjugation of squalene to acyclovir improves the affinity for biomembrane models. <i>International Journal of Pharmaceutics</i> , 2009, 382, 73-79.	5.2	26
40	Curcumin Containing PEGylated Solid Lipid Nanoparticles for Systemic Administration: A Preliminary Study. <i>Molecules</i> , 2020, 25, 2991.	3.8	25
41	Interaction of macromolecular pro-drugs with lipid model membrane: calorimetric study of 4-biphenylacetic acid linked to L±, D²-poly(N-hydroxyethyl)-dl-aspartamide interacting with phosphatidylcholine vesicles. <i>International Journal of Pharmaceutics</i> , 1990, 59, 19-25.	5.2	24
42	Role of lipophilic medium in the absorption of polycyclic aromatic compounds by biomembranes. <i>Environmental Toxicology and Pharmacology</i> , 2003, 14, 25-32.	4.0	24
43	Idebenone Loaded Solid Lipid Nanoparticles Interact with Biomembrane Models: Calorimetric Evidence. <i>Molecular Pharmaceutics</i> , 2012, 9, 2534-2541.	4.6	24
44	Dipalmitoylphosphatidylcholine/linoleic acid mixed unilamellar vesicles as model membranes for studies on novel free-radical scavengers. <i>Journal of Pharmacological and Toxicological Methods</i> , 1997, 37, 135-141.	0.7	23
45	Macromolecular prodrugs interaction with mixed lipid membrane. A calorimetric study of naproxen linked to polyaspartamide interacting with phosphatidylcholine and phosphatidylcholine-phosphatidic acid vesicles. <i>International Journal of Pharmaceutics</i> , 1991, 70, 43-52.	5.2	22
46	Flurbiprofen release from eudragit RS and RL aqueous nanosuspensions: a kinetic study by DSC and dialysis experiments. <i>AAPS PharmSciTech</i> , 2002, 3, 26-33.	3.3	21
47	Opioid structure: lipid thermotropic behaviour correlation study on a series of DPPC liposomes containing opioids. <i>Thermochimica Acta</i> , 1989, 154, 323-331.	2.7	20
48	Polymer-induced lateral phase separation in mixed lipid membranes: a theoretical model and calorimetric investigation. <i>The Journal of Physical Chemistry</i> , 1990, 94, 1526-1535.	2.9	20
49	In vitro evaluation of the antioxidant activity and biomembrane interaction of the lazaroid U-74389G. <i>Life Sciences</i> , 2001, 68, 1351-1366.	4.3	19
50	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. <i>Pharmaceutics</i> , 2018, 11, 138.	3.8	19
51	Interaction of acyclovir and its squalenoyl acyclovir prodrug with DMPC in monolayers at the air/water interface. <i>International Journal of Pharmaceutics</i> , 2010, 395, 167-173.	5.2	18
52	Squalenoyl prodrug of paclitaxel: Synthesis and evaluation of its incorporation in phospholipid bilayers. <i>International Journal of Pharmaceutics</i> , 2012, 436, 135-140.	5.2	18
53	Idebenone loaded solid lipid nanoparticles: Calorimetric studies on surfactant and drug loading effects. <i>International Journal of Pharmaceutics</i> , 2014, 471, 69-74.	5.2	18
54	Interaction between Drug Loaded Polyaspartamide-Polylactide-Polysorbate Based Micelles and Cell Membrane Models: A Calorimetric Study. <i>Molecular Pharmaceutics</i> , 2011, 8, 642-650.	4.6	17

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55	A Calorimetric Study on Diflunisal Release from Poly(Lactide-co-Glycolide) Microspheres by Monitoring the Drug Effect on Dipalmitoylphosphatidylcholine Liposomes: Temperature and Drug Loading Influence. <i>Drug Delivery</i> , 2000, 7, 45-53.	5.7	16
56	Calorimetric Evidence of Differentiated Transport of Limonin and Nomilin through Biomembranes. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 4123-4127.	5.2	15
57	Effect of Resveratrol-Related Stilbenoids on Biomembrane Models. <i>Journal of Natural Products</i> , 2013, 76, 1424-1431.	3.0	15
58	Langmuir monolayers and Differential Scanning Calorimetry for the study of the interactions between camptothecin drugs and biomembrane models. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 422-433.	2.6	15
59	Design of Nanotechnological Carriers for Ocular Delivery of Mangiferin: Preformulation Study. <i>Molecules</i> , 2022, 27, 1328.	3.8	15
60	Calcium ion influence on thermotropic behaviour of dipalmitoylphosphatidylcholine-vitamin D3 systems. <i>Chemistry and Physics of Lipids</i> , 1990, 52, 129-138.	3.2	14
61	$\hat{1}\pm, \hat{1}^2$ -Poly(N-Hydroxyethyl)-DL-Aspartamide Hydrogels as Drug Delivery Devices. <i>Journal of Bioactive and Compatible Polymers</i> , 1996, 11, 328-340.	2.1	14
62	Temperature and polymer crosslinking degree influence on drug transfer from $\hat{1}\pm, \hat{1}^2$ -polyasparthydrazide hydrogel to model membranes. A calorimetric study. <i>International Journal of Pharmaceutics</i> , 1998, 174, 81-90.	5.2	14
63	Evaluation of percutaneous absorption of the repellent diethyltoluamide and the sunscreen ethylhexyl $\hat{1}\pm, \hat{1}^2$ -methoxycinnamate-loaded solid lipid nanoparticles: an in-vitro study. <i>Journal of Pharmacy and Pharmacology</i> , 2009, 61, 1013-1019.	2.4	14
64	Anomalous dielectric behavior of undulated lipid membranes. Theoretical model and dielectric spectroscopy measurements of the ripple phase of phosphatidylcholine. <i>Journal of Chemical Physics</i> , 2001, 115, 8238-8250.	3.0	13
65	Temperature and pressure dependence of quercetin-3-O-palmitate interaction with a model phospholipid membrane: film balance and scanning probe microscopy study. <i>Journal of Colloid and Interface Science</i> , 2004, 271, 329-335.	9.4	13
66	Evaluation of the Interaction of Coumarins with Biomembrane Models Studied by Differential Scanning Calorimetry and Langmuir-Blodgett Techniques. <i>Journal of Natural Products</i> , 2011, 74, 790-795.	3.0	13
67	Transfer kinetics from colloidal drug carriers and liposomes to biomembrane models: DSC studies. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2011, 3, 77.	0.6	13
68	Lipophilic prodrug of paclitaxel: Interaction with a dimyristoylphosphatidylcholine monolayer. <i>International Journal of Pharmaceutics</i> , 2014, 475, 624-631.	5.2	13
69	Synthesis and biological activity of new lidoacetamide derivatives on mutants of squalene-hopene cyclase. <i>Lipids</i> , 2005, 40, 729-735.	1.7	12
70	Differential Scanning Calorimetry Evidence of the Enhancement of $\hat{1}^2$ -Sitosterol Absorption across Biological Membranes Mediated by $\hat{1}^2$ -Cyclodextrins. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 10228-10233.	5.2	12
71	Differential scanning calorimetry approach to investigate the transfer of the multitarget opioid analgesic LP1 to biomembrane model. <i>European Journal of Medicinal Chemistry</i> , 2014, 77, 84-90.	5.5	12
72	Interaction of $3\hat{1}\hat{1}^2, 4\hat{1}\hat{1}^2, 6\hat{1}\hat{1}^2$ -trimyristoyl-uridine derivative as potential anticancer drug with phospholipids of tumorigenic and non-tumorigenic cells. <i>Applied Surface Science</i> , 2017, 426, 77-86.	6.1	12

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73	The influence of sugars on the properties of freeze-dried lysozyme and haemoglobin. <i>Thermochimica Acta</i> , 1989, 144, 195-208.	2.7	11
74	Indomethacin-Dipalmitoylphosphatidylcholine Interaction. A Calorimetric Study of Drug Release from Poly(Lactide-co-glycolide) Microspheres into Multilamellar Vesicles. <i>Drug Delivery</i> , 1997, 4, 273-279.	5.7	11
75	Effect of pH on Diclofenac Release from Eudragit RS100 <sup>®</sup> Microparticles. A Kinetic Study by DSC. <i>Drug Delivery</i> , 2001, 8, 173-177.	5.7	11
76	Absorption of nitro-polycyclic aromatic hydrocarbons by biomembrane models: Effect of the medium lipophilicity. <i>Chemosphere</i> , 2008, 73, 1108-1114.	8.2	11
77	Interaction of naproxen amphiphilic derivatives with biomembrane models evaluated by differential scanning calorimetry and Langmuir-Blodgett studies. <i>Journal of Colloid and Interface Science</i> , 2011, 360, 359-369.	9.4	11
78	Lipid nanocarriers containing a levodopa prodrug with potential antiparkinsonian activity. <i>Materials Science and Engineering C</i> , 2015, 48, 294-300.	7.3	11
79	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
80	Eudragit as controlled release system for anti-inflammatory drugs. <i>Thermochimica Acta</i> , 2003, 400, 227-234.	2.7	10
81	Effect of cholecalciferol on thermotropic behaviour of phosphatidylethanolamine and its N-methyl derivatives. <i>Chemistry and Physics of Lipids</i> , 1988, 48, 69-76.	3.2	9
82	Correlation between Monoamino Oxidase Inhibitor Activity of Some Thiazol-2-ylhydrazines and Their Interaction with Dipalmitoylphosphatidylcholine Liposomes. <i>Journal of Pharmaceutical Sciences</i> , 1994, 83, 362-366.	3.3	9
83	Interaction of monoamine oxidase inhibitors with dipalmitoyl phosphatidylcholine liposomes. A comparison between structure and calorimetric data. <i>Thermochimica Acta</i> , 1997, 302, 143-150.	2.7	9
84	Biomimesis of Linolenic Acid Transport through Model Lipidic Membranes by Differential Scanning Calorimetry. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 851-855.	5.2	9
85	Kinetics of Molecule Transfer between Lipid Vesicles and $\beta$ -Cyclodextrins. <i>Journal of Colloid and Interface Science</i> , 1996, 179, 218-226.	9.4	8
86	Biomimetic Transport of Simple Olive Biophenol and Analogues through Model Biological Membranes by Differential Scanning Calorimetry. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 5130-5135.	5.2	8
87	Differential scanning calorimetry differences in micronized and unmiconized nimesulide uptake processes in biomembrane models. <i>European Journal of Pharmaceutical Sciences</i> , 2003, 19, 237-243.	4.0	8
88	Structure influence on biophenols solubility in model biomembranes detected by differential scanning calorimetry. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 944-949.	3.3	8
89	Anticlastogenic Effect in Human Lymphocytes by the Sodium Salt of 3,4-Secoisopimar-4(18),7,15-trien-3-oic Acid. <i>Journal of Natural Products</i> , 2012, 75, 1294-1298.	3.0	8
90	Structure-Activity Studies on Monoamine Oxidase Inhibitors by Calorimetric and Quantum Mechanical Calculations. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 1996, 10, 215-229.	0.5	7

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91	Influence of functionalization on interaction and drug release from $\beta$ , $\beta$ -polyaspartylhydrazide derivatives to a biomembrane model: evaluation by differential scanning calorimetry technique. <i>Thermochimica Acta</i> , 2004, 423, 19-28.	2.7	7
92	Calorimetric evidence of interaction of brominated flame retardants with membrane model. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 1154-1160.	4.0	7
93	Interaction of limonene, terpineol, and 1,8 cineol with a model of biomembrane: A DSC study. <i>Thermochimica Acta</i> , 2021, 700, 178938.	2.7	7
94	Effect of Protocatechuic Acid Ethyl Ester on Biomembrane Models: Multilamellar Vesicles and Monolayers. <i>Membranes</i> , 2022, 12, 283.	3.0	7
95	Thermotropic behaviour of dipalmitoylphosphatidylcholine liposomes containing retinoids. <i>Thermochimica Acta</i> , 1987, 122, 117-122.	2.7	6
96	Scanning dilatometry and calorimetry of p-alkyl-p'-cyano-cyclohexyl-cyclohexanes. <i>Thermochimica Acta</i> , 1989, 140, 31-39.	2.7	6
97	Calorimetric analysis of lipid-sterol systems: a comparison between structurally similar cholesterol and vitamin D3 interacting with phospholipid bilayers of different thickness. <i>Chemistry and Physics of Lipids</i> , 1994, 74, 25-37.	3.2	6
98	$\beta$ -Cyclodextrins influence on E-3,5,4-trimethoxystilbene absorption across biological membrane model: A differential scanning calorimetry evidence. <i>International Journal of Pharmaceutics</i> , 2010, 388, 144-150.	5.2	6
99	Calorimetric evaluation of interaction and absorption of polychlorinated biphenyls by biomembrane models. <i>Chemosphere</i> , 2013, 91, 791-796.	8.2	6
100	DSC investigation of the effect of the new sigma ligand PPCC on DMPC lipid membrane. <i>International Journal of Pharmaceutics</i> , 2014, 469, 88-93.	5.2	6
101	Calorimetry and Langmuir-Blodgett studies on the interaction of a lipophilic prodrug of LHRH with biomembrane models. <i>Journal of Colloid and Interface Science</i> , 2014, 421, 122-131.	9.4	6
102	Interaction of $\beta$ -Hexylcinnamaldehyde with a Biomembrane Model: A Possible MDR Reversal Mechanism. <i>Journal of Natural Products</i> , 2015, 78, 1154-1159.	3.0	6
103	Synthesis and interaction of sterol-uridine conjugate with DMPC liposomes studied by differential scanning calorimetry. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 166, 203-209.	5.0	6
104	Biomimetic Approach to Biomembrane Models Studies: A Medium Influence on the Interaction Kinetics of Some Phenylurea Derivatives Herbicides. <i>Environmental Science &amp; Technology</i> , 2006, 40, 2462-2468.	10.0	5
105	Effect of variation in the chain length and number in modulating the interaction of an immunogenic lipopeptide with biomembrane models. <i>Thermochimica Acta</i> , 2008, 471, 14-19.	2.7	5
106	Evaluation of percutaneous absorption of the repellent diethyltoluamide and the sunscreen ethylhexyl p-methoxycinnamate-loaded solid lipid nanoparticles: an in-vitro study. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 1013-1019.	2.4	5
107	Sinapic Acid Release at the Cell Level by Incorporation into Nanoparticles: Experimental Evidence Using Biomembrane Models. <i>Micro</i> , 2021, 1, 120-128.	2.0	5
108	In Vitro Skin Permeation of Idebenone from Lipid Nanoparticles Containing Chemical Penetration Enhancers. <i>Pharmaceutics</i> , 2021, 13, 1027.	4.5	5

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109	Absorption of omega-3 fatty acids by biomembrane models studied by differential scanning calorimetry. <i>Thermochimica Acta</i> , 2010, 503-504, 55-60.	2.7	4
110	Naringenin Release to Biomembrane Models by Incorporation into Nanoparticles. Experimental Evidence Using Differential Scanning Calorimetry. <i>Surfaces</i> , 2021, 4, 295-305.	2.3	4
111	Ethylmorphine-lipid interaction study by calorimetry and monolayer techniques. <i>Thermochimica Acta</i> , 1988, 130, 221-228.	2.7	3
112	Calorimetric Study on the Synthetic Pentapeptide Thymopentin Interaction with Phospholipid Membranes: Effect of Stearylamine and pH. <i>Journal of Colloid and Interface Science</i> , 1995, 175, 289-292.	9.4	3
113	Time-Dependent Absorption Evidence of Phenylurea-Derived Herbicides on Model Biomembranes: A DSC Study. <i>Environmental Chemistry</i> , 2005, 2, 63.	1.5	3
114	Calorimetric evaluation of the interaction and absorption of eicosapentaenoic acid by biomembrane models. <i>Thermochimica Acta</i> , 2009, 495, 149-154.	2.7	3
115	Simple Interpretative Model for the Anomalous Behavior of the Excess Surface Area in Mixed Systems with Large Composition Fluctuations: A Theoretical Analysis and an Experimental Investigation of Mixed Phospholipid/Omega-3 Fatty Acid Langmuir-Blodgett Films. <i>Langmuir</i> , 2010, 26, 12033-12043.	3.5	3
116	Calorimetric techniques to study the interaction of drugs with biomembrane models. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2011, 3, 1.	0.6	3
117	Effect of simple olive biophenols and analogues on the thermotropic behavior of biological model membranes. <i>European Journal of Lipid Science and Technology</i> , 2003, 105, 260-265.	1.5	2
118	DSC evidence of the interaction and absorption of 3,4-Secoisopimar-4(18),7,15-trien-3-oic acid by biomembrane model. <i>Thermochimica Acta</i> , 2012, 549, 166-171.	2.7	2
119	A calorimetric study of the influence of divalent cations on the thermotropic behaviour of some phosphatidylcholines. <i>Thermochimica Acta</i> , 1991, 186, 205-215.	2.7	1
120	DSC studies on the interaction of lipophilic cytarabine prodrugs with DMPC multilamellar vesicles. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 2759-2767.	3.6	1
121	Anomalous interaction of tri-acyl ester derivatives of uridine nucleoside with a $\beta$ -dimyristoylphosphatidylcholine biomembrane model: a differential scanning calorimetry study. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 329-337.	2.4	1
122	Assessment of the Technological Properties of Idebenone and Tocopheryl Acetate Co-Loaded Lipid Nanoparticles. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3553.	2.5	1
123	Interaction of new sigma ligands with biomembrane models evaluated by differential scanning calorimetry and Langmuir-Blodgett studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 201, 111643.	5.0	1
124	Calorimetric Evaluation of Glycyrrhetic Acid (GA)- and Stearyl Glycyrrhetinate (SG)-Loaded Solid Lipid Nanoparticle Interactions with a Model Biomembrane. <i>Molecules</i> , 2021, 26, 4903.	3.8	1
125	Amphiphilic naproxen prodrugs: differential scanning calorimetry study on their interaction with phospholipid bilayers. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 1091-1098.	2.4	0
126	A Langmuir-Blodgett Study of the Interaction between Amphotericin B and Lipids of <i>Histoplasma capsulatum</i> . <i>Membranes</i> , 2022, 12, 483.	3.0	0