

Veronique Rosilio

List of Publications by Year in descending order

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104
papers

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citations

147801

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#	ARTICLE	IF	CITATIONS
1	Influence of the porphyrin structure and linker length on the interfacial behavior of phospholipid-porphyrin conjugates. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 441-450.	9.4	6
2	Phospholipid-porphyrin conjugates: deciphering the driving forces behind their supramolecular assemblies. <i>Nanoscale</i> , 2022, 14, 7387-7407.	5.6	4
3	Formation and stabilization of multiple w/o/w emulsions encapsulating catechin, by mechanical and microfluidic methods using a single pH-sensitive copolymer: Effect of copolymer/drug interaction. <i>International Journal of Pharmaceutics</i> , 2022, 622, 121871.	5.2	8
4	Novel liposome-like assemblies composed of phospholipid-porphyrin conjugates with photothermal and photodynamic activities against bacterial biofilms. <i>International Journal of Pharmaceutics</i> , 2022, 623, 121915.	5.2	6
5	Synthesis and supramolecular arrangement of new stearyl acid-based phenalenone derivatives. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 612, 125988.	4.7	3
6	Porphyrin-lipid stabilized paclitaxel nanoemulsion for combined photodynamic therapy and chemotherapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 154.	9.1	34
7	Assessment of various formulation approaches for the application of beta-lapachone in prostate cancer therapy. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119168.	5.2	6
8	Hybrid Lipid Polymer Nanoparticles for Combined Chemo- and Photodynamic Therapy. <i>Molecular Pharmaceutics</i> , 2019, 16, 4045-4058.	4.6	27
9	Deciphering the Peculiar Behavior of β -Lapachone in Lipid Monolayers and Bilayers. <i>Langmuir</i> , 2019, 35, 14603-14615.	3.5	5
10	Relevance of charges and polymer mechanical stiffness in the mechanism and kinetics of formation of liponanoparticles probed by the supported bilayer model approach. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 4306-4319.	2.8	3
11	Capillary zone electrophoresis-native mass spectrometry for the quality control of intact therapeutic monoclonal antibodies. <i>Journal of Chromatography A</i> , 2019, 1601, 375-384.	3.7	27
12	Mannose distribution in glycoconjugated tetraphenylporphyrins governs their uptake mechanism and phototoxicity. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019, 23, 175-184.	0.8	1
13	Photo-triggerable liposomal drug delivery systems: from simple porphyrin insertion in the lipid bilayer towards supramolecular assemblies of lipid-porphyrin conjugates. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1805-1823.	5.8	34
14	Molecular interactions governing the incorporation of cholecalciferol and retinyl-palmitate in mixed taurocholate-lipid micelles. <i>Food Chemistry</i> , 2018, 250, 221-229.	8.2	6
15	Amphiphilic Glycoconjugated Porphyrin Heterodimers as Two-Photon Excitable Photosensitizers: Design, Synthesis, Photophysical and Photobiological Studies. <i>ChemistrySelect</i> , 2018, 3, 1887-1897.	1.5	3
16	Effect of high pressure homogenization on the structure and the interfacial and emulsifying properties of β -lactoglobulin. <i>International Journal of Pharmaceutics</i> , 2018, 537, 111-121.	5.2	23
17	Frontispiece: Newly Synthesized Lipid-porphyrin Conjugates: Evaluation of Their Self-Assembling Properties, Their Miscibility with Phospholipids and Their Photodynamic Activity In Vitro. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	1
18	Newly Synthesized Lipid-porphyrin Conjugates: Evaluation of Their Self-Assembling Properties, Their Miscibility with Phospholipids and Their Photodynamic Activity In Vitro. <i>Chemistry - A European Journal</i> , 2018, 24, 19179-19194.	3.3	26

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19	Bare and Sterically Stabilized PLGA Nanoparticles for the Stabilization of Pickering Emulsions. <i>Langmuir</i> , 2018, 34, 13935-13945.	3.5	34
20	Retinoblastoma membrane models and their interactions with porphyrin photosensitisers: An infrared microspectroscopy study. <i>Chemistry and Physics of Lipids</i> , 2018, 215, 34-45.	3.2	3
21	How Can Artificial Lipid Models Mimic the Complexity of Molecule-Membrane Interactions?. <i>Advances in Biomembranes and Lipid Self-Assembly</i> , 2018, , 107-146.	0.6	12
22	iGLUVs: Preparing Giant Unilamellar Vesicles with a Smartphone and Lipids Easily Extracted from Chicken Eggs. <i>Journal of Chemical Education</i> , 2017, 94, 644-649.	2.3	7
23	Impact of lipid composition and photosensitizer hydrophobicity on the efficiency of light-triggered liposomal release. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 11460-11473.	2.8	29
24	Disruption of Asymmetric Lipid Bilayer Models Mimicking the Outer Membrane of Gram-Negative Bacteria by an Active Plasticin. <i>Langmuir</i> , 2017, 33, 11028-11039.	3.5	34
25	Comparison of the Micellar Incorporation and the Intestinal Cell Uptake of Cholecalciferol, 25-Hydroxycholecalciferol and 1- α -Hydroxycholecalciferol. <i>Nutrients</i> , 2017, 9, 1152.	4.1	17
26	Artificial plasma membrane models based on lipidomic profiling. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 2725-2736.	2.6	12
27	Photobiology and Photochemistry Hand-in-Hand in Targeted Antitumoral Therapies. , 2016, , 171-356.		4
28	The bacterial cell envelope as delimiter of anti-infective bioavailability - An in vitro permeation model of the Gram-negative bacterial inner membrane. <i>Journal of Controlled Release</i> , 2016, 243, 214-224.	9.9	25
29	Study of Surface Charge Instabilities by EOF Measurements on a Chip: A Real-Time Hysteresis and Peptide Adsorption Based Methodology. <i>Langmuir</i> , 2015, 31, 10318-10325.	3.5	1
30	Reply to "Comment on "Structural Properties of POPC Monolayers under Lateral Compression: Computer Simulations Analysis". <i>Langmuir</i> , 2015, 31, 888-889.	3.5	2
31	Influence of the nanoprecipitation conditions on the supramolecular structure of squalenoyled nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 96, 89-95.	4.3	10
32	Charge and aggregation pattern govern the interaction of plasticins with LPS monolayers mimicking the external leaflet of the outer membrane of Gram-negative bacteria. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2967-2979.	2.6	16
33	Interfacial behavior of PEGylated lipids and their effect on the stability of squalenoyl-drug nanoassemblies. <i>International Journal of Pharmaceutics</i> , 2014, 471, 75-82.	5.2	6
34	Structural Properties of POPC Monolayers under Lateral Compression: Computer Simulations Analysis. <i>Langmuir</i> , 2014, 30, 564-573.	3.5	39
35	Self-Assembly of Polyisoprenoyl Gemcitabine Conjugates: Influence of Supramolecular Organization on Their Biological Activity. <i>Langmuir</i> , 2014, 30, 6348-6357.	3.5	21
36	Self-Assembly of Squalene-Based Nucleolipids: Relating the Chemical Structure of the Bioconjugates to the Architecture of the Nanoparticles. <i>Langmuir</i> , 2013, 29, 14795-14803.	3.5	40

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37	The distribution and relative hydrolysis of tocopheryl acetate in the different matrices coexisting in the lumen of the small intestine during digestion could explain its low bioavailability. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1237-1245.	3.3	44
38	Î²-Lactoglobulin, gum arabic, and xanthan gum for emulsifying sweet almond oil: Formulation and stabilization mechanisms of pharmaceutical emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 433, 77-87.	4.7	53
39	Proteins, polysaccharides, and their complexes used as stabilizers for emulsions: Alternatives to synthetic surfactants in the pharmaceutical field?. <i>International Journal of Pharmaceutics</i> , 2012, 436, 359-378.	5.2	418
40	Scale-up of Nanoemulsion Produced by Emulsification and Solvent Diffusion. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 4240-4247.	3.3	27
41	Assessment of the relevance of supported planar bilayers for modeling specific interactions between glycodendrimeric porphyrins and retinoblastoma cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2831-2838.	2.6	14
42	Tumor targeting in photodynamic therapy. From glycoconjugated photosensitizers to glycodendrimeric one. Concept, design and properties. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4485.	2.8	44
43	Biomimetic liposomes and planar supported bilayers for the assessment of glycodendrimeric porphyrins interaction with an immobilized lectin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 656-666.	2.6	46
44	Aging of a medical device surface following cold plasma treatment: Influence of low molecular weight compounds on surface recovery. <i>European Polymer Journal</i> , 2011, 47, 2403-2413.	5.4	18
45	Interaction of Self-Assembled Squalenoyl Gemcitabine Nanoparticles with PhospholipidâCholesterol Monolayers Mimicking a Biomembrane. <i>Langmuir</i> , 2011, 27, 4891-4899.	3.5	35
46	Meso-tetraphenyl porphyrin derivatives: The effect of structural modifications on binding to DMPC liposomes and albumin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 217, 10-21.	3.9	38
47	Stabilization mechanism of oil-in-water emulsions by Î²-lactoglobulin and gum arabic. <i>Journal of Colloid and Interface Science</i> , 2011, 354, 467-477.	9.4	117
48	A Multiscale Approach to Assess the Complex Surface of Polyurethane Catheters and the Effects of a New Plasma Decontamination Treatment on the Surface Properties. <i>Microscopy and Microanalysis</i> , 2010, 16, 764-778.	0.4	17
49	A comparison of plasma and electron beam-sterilization of PU catheters. <i>Radiation Physics and Chemistry</i> , 2010, 79, 93-103.	2.8	40
50	Rheological studies in the bulk and at the interface of Pickering oil/water emulsions. <i>Rheologica Acta</i> , 2010, 49, 961-969.	2.4	14
51	Thermodynamic investigation of mixed monolayers of trans-dehydrocrotonin and phospholipids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 358, 42-49.	4.7	4
52	Evaluation of the Specific Interactions between Glycodendrimeric Porphyrins, Free or Incorporated into Liposomes, and Concanavaline A by Fluorescence Spectroscopy, Surface Pressure, and QCM-D Measurements. <i>Langmuir</i> , 2010, 26, 12761-12768.	3.5	35
53	Interest of glycolipids in drug delivery: from physicochemical properties to drug targeting. <i>Expert Opinion on Drug Delivery</i> , 2010, 7, 1031-1048.	5.0	68
54	Effect of Cholesterol and Sugar on the Penetration of Glycodendrimeric Phenylporphyrins into Biomimetic Models of Retinoblastoma Cells Membranes. <i>Langmuir</i> , 2010, 26, 11145-11156.	3.5	27

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55	Molecular dynamics simulation of a mixed lipid emulsion model: Influence of the triglycerides on interfacial phospholipid organization. <i>Computational and Theoretical Chemistry</i> , 2009, 901, 174-185.	1.5	20
56	Influence of clay addition on the properties of olive oil in water emulsions. <i>Applied Clay Science</i> , 2009, 43, 383-391.	5.2	25
57	New strategy for targeting of photosensitizers. Synthesis of glycodendrimeric phenylporphyrins, incorporation into a liposome membrane and interaction with a specific lectin. <i>Chemical Communications</i> , 2009, , 224-226.	4.1	58
58	Tuning microcapsules surface morphology using blends of homo- and copolymers of PLGA and PLGA-PEG. <i>Soft Matter</i> , 2009, 5, 3054.	2.7	45
59	Influence of alkyl chains length on the conformation and solubilization properties of amphiphilic carboxymethylpullulans. <i>Colloid and Polymer Science</i> , 2008, 286, 1299-1305.	2.1	22
60	Surfactant dependent morphology of polymeric capsules of perfluorooctyl bromide: Influence of polymer adsorption at the dichloromethane/water interface. <i>Journal of Colloid and Interface Science</i> , 2008, 326, 66-71.	9.4	66
61	Assessment of oil polarity: Comparison of evaluation methods. <i>International Journal of Pharmaceutics</i> , 2008, 348, 89-94.	5.2	32
62	Surface Pressure Analysis of Poly(ethylene oxide)-Modified Fusogenic Liposomes Incorporated into a Phospholipid Monolayer. <i>Journal of Bioactive and Compatible Polymers</i> , 2007, 22, 5-18.	2.1	1
63	Physicochemical Characterization of Molecular Assemblies of Miltefosine and Amphotericin B. <i>Molecular Pharmaceutics</i> , 2007, 4, 281-288.	4.6	21
64	Spontaneous association of hydrophobized dextran and poly- β -cyclodextrin into nanoassemblies.. <i>Journal of Colloid and Interface Science</i> , 2007, 307, 83-93.	9.4	84
65	Enhancement of the Solubility and Efficacy of Poorly Water-Soluble Drugs by Hydrophobically-Modified Polysaccharide Derivatives. <i>Pharmaceutical Research</i> , 2007, 24, 2317-2326.	3.5	34
66	Squalenoyl Nanomedicines as Potential Therapeutics. <i>Nano Letters</i> , 2006, 6, 2544-2548.	9.1	281
67	New self-assembled nanogels based on host-guest interactions: Characterization and drug loading. <i>Journal of Controlled Release</i> , 2006, 111, 316-324.	9.9	142
68	Aggregation of hydrophobically modified polysaccharides in solution and at the air/water interface. <i>Journal of Colloid and Interface Science</i> , 2005, 281, 316-324.	9.4	46
69	Definition of an Uptake Pharmacophore of the Serotonin Transporter Through 3D-QSAR Analysis. <i>Current Medicinal Chemistry</i> , 2005, 12, 2393-2410.	2.4	14
70	Influence of a Neoglycolipid and Its PEO-Lipid Moiety on the Organization of Phospholipid Monolayers. <i>Langmuir</i> , 2005, 21, 11941-11948.	3.5	19
71	Improved formulation of W/O/W multiple emulsion for insulin encapsulation. Influence of the chemical structure of insulin. <i>Colloid and Polymer Science</i> , 2004, 282, 562-568.	2.1	19
72	Interaction of Bauhinia monandra lectin (BmoLL) with lipid monolayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 250, 491-497.	4.7	8

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73	Incorporation of Glycoconjugated Porphyrin Derivatives into Phospholipid Monolayers: A Screening Method for the Evaluation of Their Interaction with a Cell Membrane. <i>Langmuir</i> , 2004, 20, 11698-11705.	3.5	31
74	Insulin-loaded W/O/W multiple emulsions: comparison of the performances of systems prepared with medium-chain-triglycerides and fish oil. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004, 58, 477-482.	4.3	73
75	Specific interaction of lectins with liposomes and monolayers bearing neoglycolipids. <i>Chemistry and Physics of Lipids</i> , 2003, 125, 147-159.	3.2	30
76	Adsorption of glucose oxidase into lipid monolayers: effect of a lipid headgroup charge. <i>Colloids and Surfaces B: Biointerfaces</i> , 2003, 29, 13-20.	5.0	16
77	Molecular organization of the human serotonin transporter at the air/water interface. <i>FEBS Letters</i> , 2001, 492, 14-19.	2.8	8
78	Characterization of oligonucleotide/lipid interactions in submicron cationic emulsions: influence of the cationic lipid structure and the presence of PEG-lipids. <i>Biophysical Chemistry</i> , 2001, 92, 169-181.	2.8	21
79	Fucosylated neoglycolipids: synthesis and interaction with a phospholipid. <i>Chemistry and Physics of Lipids</i> , 2001, 109, 91-101.	3.2	19
80	Factors influencing the oligonucleotides release from O/W submicron cationic emulsions. <i>Journal of Controlled Release</i> , 2001, 70, 243-255.	9.9	25
81	Surface properties of hydrophobically modified carboxymethylcellulose derivatives. Effect of salt and proteins. <i>Colloids and Surfaces B: Biointerfaces</i> , 2000, 19, 163-172.	5.0	28
82	pH-Sensitive liposomes as a carrier for oligonucleotides: a physico-chemical study of the interaction between DOPE and a 15-mer oligonucleotide in excess water. <i>Biophysical Chemistry</i> , 2000, 87, 127-137.	2.8	38
83	New bicompartamental structures are observed when stearylamine is mixed with triglyceride emulsions. <i>Pharmaceutical Research</i> , 2000, 17, 1329-1332.	3.5	21
84	Ligand interaction with the purified serotonin transporter in solution and at the air/water interface. <i>FEBS Letters</i> , 2000, 471, 56-60.	2.8	10
85	Adsorption of Glucose Oxidase into Lipid Monolayers. Effect of Lipid Chain Lengths on the Stability and Structure of Mixed Enzyme/Phospholipid Films. <i>Langmuir</i> , 2000, 16, 1226-1232.	3.5	29
86	Assessment of first-rate adsorption constants of platelet membrane proteins bearing liposomes by surface tension measurements. <i>Colloids and Surfaces B: Biointerfaces</i> , 1999, 15, 195-201.	5.0	1
87	Penetration of Glucose Oxidase and of the Hydrophobically Modified Enzyme into Phospholipid and Cholesterol Monolayers. <i>Journal of Colloid and Interface Science</i> , 1999, 209, 302-311.	9.4	22
88	Chemically Modified Glucose Oxidase with Enhanced Hydrophobicity: Adsorption at Polystyrene, Silica, and Silica Coated by Lipid Monolayers. <i>Journal of Colloid and Interface Science</i> , 1999, 218, 300-308.	9.4	22
89	Physical aging of progesterone-loaded poly(D,L-lactide-co-glycolide) microspheres. <i>Pharmaceutical Research</i> , 1998, 15, 794-798.	3.5	15
90	Behavior of amphiphilic neoglycolipids at the air/solution interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 1998, 11, 239-248.	5.0	25

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91	WETTABILITY OF DRUG LOADED POLYMER MATRICES. Journal of Dispersion Science and Technology, 1998, 19, 821-841.	2.4	15
92	Penetration of Glucose Oxidase into Organized Phospholipid Monolayers Spread at the Solution/Air Interface. Langmuir, 1997, 13, 4669-4675.	3.5	80
93	Specific interactions between the human serotonin transporter and serotonin analogs at the solution/air interface. Colloids and Surfaces B: Biointerfaces, 1997, 9, 197-203.	5.0	4
94	Adsorption of Hydrophobized Glucose Oxidase at Solution/Air Interface. Journal of Colloid and Interface Science, 1997, 190, 313-317.	9.4	42
95	Surface Properties and Miscibility of Monolayers of Dimyristoylphosphatidylcholine and Poly(Ethylene oxide) Lipids at the Water/Air Interface. Langmuir, 1996, 12, 2544-2550.	3.5	30
96	Liposomes bearing platelet proteins: a model for surface functions studies. Lipids and Lipid Metabolism, 1996, 1302, 241-248.	2.6	3
97	Monolayers of Poly(ethylene oxide)-Bearing Lipids at Air-Water Interface. Chemistry Letters, 1996, 25, 657-658.	1.3	7
98	Polysaccharides at interfaces 1. Adsorption of cholesteryl-pullulan derivatives at the solution-air interface. Kinetic study by surface tension measurements. Colloids and Surfaces B: Biointerfaces, 1995, 4, 357-365.	5.0	22
99	Polysaccharides at interfaces 2. Surface potential of adsorbed cholesteryl-pullulan monolayers at the solution-air interface. Colloids and Surfaces B: Biointerfaces, 1995, 4, 367-373.	5.0	10
100	Thermal Behavior of Hydrated Dimyristoylphosphatidylcholine/Cholesteryl-Pullulan Mixtures. Journal of Colloid and Interface Science, 1994, 162, 418-424.	9.4	3
101	Cholesteryl-pullulan and cholesteryl-amylopectin interactions with egg phosphatidylcholine monolayers. Journal of Colloid and Interface Science, 1991, 145, 502-511.	9.4	31
102	A physicochemical study of the morphology of progesterone-loaded microspheres fabricated from poly(D,L-lactide-co-glycolide). Journal of Biomedical Materials Research Part B, 1991, 25, 667-682.	3.1	38
103	The Effect of Polysaccharide Adsorption on Surface Potential of Phospholipid Monolayers Spread at Water-Air Interface. Chemistry Letters, 1990, 19, 299-302.	1.3	8
104	Physico-chemical characterization of ethylcellulose drug-loaded cast films. Journal of Controlled Release, 1988, 7, 171-180.	9.9	16